



**New Jersey Water  
Environment Association**

James De Block, Executive Director  
P.O. Box 737  
Woodland Park, NJ 07424

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PRESORT MAIL  
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CFSM

REGISTRATION INFORMATION



New Jersey Water Environment Association

**110th John J. (Jack) Lagrosa  
Annual Conference  
and Exposition**

**May 5th - 9th, 2025**

Harrah's Resort  
Atlantic City, New Jersey



# Registration Instructions

## GENERAL INFORMATION

- Complete and mail entire registration form **TWO PAGES**- Parts One and Two
- One form per person – photocopy this form for additional registrants or download from [www.njwea.org](http://www.njwea.org).
- Complete all information required on both form pages - PARTS One and Two
- Circle or mark with an X the appropriate fee for each registration choice.
- Total the amount due and submit the remittance fee along with the completed **TWO PAGE** registration form.
- Registration form must be accompanied by check, credit card number, or government purchase order.
- All payments, other than government purchase orders, must be received for deposit by the Registrar prior to May 1, 2025, or onsite Registration Rates will apply. Checks should be made payable to NJWEA in US Funds.
- Register ONLINE at:  
[https://www.memberleap.com/members/evr/reg\\_event.php?orgcode=NJWE&evid=44610011](https://www.memberleap.com/members/evr/reg_event.php?orgcode=NJWE&evid=44610011)
- PWO Members: Must be a hands-on operator of an STP or collection system to be eligible for PWO Membership.

### PURCHASE ORDERS

- If an original signed purchased order is required, please mail purchase order and registration form to the Registrar, DO NOT fax.
- Purchase orders are accepted from US, State and Local governmental agencies.
- Purchase orders must be approved with all authorized signatures.
- Purchase order numbers must be referenced in the payment section of the registration form.

### PRE-REGISTRATION DEADLINE

- Registration confirmations are not mailed to registrants.
- If registration confirmation is required, please contact the Registrar's office.
- Registrations Post Marked after April 28, 2025, or received at the NJWEA office after the close of business on May 1, 2025, will be processed at the on-site rates.
- Late registrants wishing to pay by check should use express mail, return receipt requested or by credit card using facsimile.

### CANCELLATIONS

- Cancellation must be in writing. No phone calls will be accepted.
- Absolutely no refunds will be made for cancellations after May 1, 2025.
- A five percent processing fee will be deducted from any refunds requested.

### CREDENTIAL PICKUP & ONSITE REGISTRATION

- Pre-registration credentials pickup and on-site registration are located on the 1st Floor, Harrah's Resort, Atlantic City, NJ. See brochure for Registration Hours.
- Onsite substitutes for One Day Registrants will be charged the Onsite Registration Rate
- No substitution for Full Conference Registrants will be permitted.

## REGISTRATION TYPES & BENEFITS

### Full Conference

- Attendance at Conference Sessions of your choice on Tuesday, Wednesday and Thursday, NOT INCLUDING PRE-CONFERENCE and SPECIALTY WORKSHOPS.
- Includes one Meet and Greet, one Grand Finale and one Closing Breakfast Ticket.
- Coffee Breaks and Exhibit Area Social Functions each day.
- Exhibit Area Sandwich Ticket on Tuesday, Wednesday, and Thursday.
- Exhibit Area Raffle Drawings Each Day.

### One Day Registration - Tuesday, Wednesday or Thursday

- Attendance at Conference Sessions of your choice on the Registration Day, NOT INCLUDING PRE-CONFERENCE and SPECIALTY WORKSHOPS.
- Coffee Breaks and Exhibit Area Social Functions each day registered.
- Exhibit Area Lunch Ticket for the Registration Day.
- Exhibit Area Raffle Drawings for the Registration Day.

### One Day Spouse Registration Tuesday, Wednesday or Thursday

- Admittance to the Exhibit Area on the Registration Day.
- Exhibit Area Sandwich Ticket on the Registration Day.
- Exhibit Area Raffle Drawings and Exhibit Area Social Functions for the Registration Day.
- All Spouse Events as listed in the accompanying brochure for the Registration Day.

### Exhibit Only Registration, Full Conference or One Day Registrations

- Applies to Retirees, Contractor, Regulatory Staff and Regular Registrant's Spouses.
- Includes Admittance to the Exhibit Area on the Registration Days.
- Coffee Breaks and Exhibit Area Social Functions each day.
- Exhibit Area Sandwich Ticket for the Registration Days.
- Exhibit Area Raffle Drawings for the Registration Days.
- Social Event Tickets are not included and must be purchased separately.

## REGISTRATION FORM - PART 1

# REGISTRATION FORM - PART ONE

REGISTRANT NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

## Course Selection & Information Form

### Pre-Conference & Specialty Workshops:

- Separate Fees are charged for each Pre-Conference / Specialty Workshop and for Conference Registrations.
- Registration fees for Specialty Workshops are **NOT** included in Full Conference or One Day Conference Registrations.
- NOTE: Once registered you **MAY NOT** change sessions without prior approval of the Registrar.
- All Workshops include Coffee and Lunch Each Day.
- Please check the sessions you plan to attend.
- Professional Engineers – See fifth bullet under “Conference Session” below regarding continuing education.

SESSION	DAY	START TIME	END TIME	PROGRAM DESCRIPTION	PLANNED ATTENDANCE
PC-1	Monday	8:00 AM	12:00 PM	2025 WEF Wastewater Surveillance Workshop	_____
PC-2	Monday	8:30 AM	5:00 PM	GIS and Asset Management (NY-NJ PE)	_____
PC-3	Monday	8:30 AM	4:15 PM	AAEES Workshop (NY-NJ PE)	_____
PC-4	Monday	9:00 AM	4:00 PM	Stormwater Workshop (NY-NJ PE)	_____
PC-5	Monday	9:00 AM	4:00 PM	Driver Safety Program	_____
PC-6	Monday	1:00 PM	4:00 PM	Engineering a Solution (NY-NJ PE)	_____
PC-7	Tuesday	7:00 AM	8:15 AM	AAEES/NJWEA Breakfast (NY-NJ PE)	_____
PC-8	Tuesday	8:30 AM	4:30 PM	8-Hour HAZWOPER Refresher	_____

### Conference Sessions

- Session Attendance is included in Full Conference or One Day Conference Registrations.
- All Sessions include Coffee in the Exhibit Area Each Day.
- Exhibit Area Lunch is provided on Tuesday, Wednesday and Thursday.
- NOTE: You **MAY** change sessions on site **if registered for that day** with prior approval of the Session Moderator.
- (NYPE or NJPE) Indicates that Session attendees who complete the Session will be awarded NYPE CPC Credit. For NJPE CPC Credit, see Page 19 of this Flyer. Most courses also qualify for PA PE continuing education (see Page 17 of this Flyer).
- (JDOW) Indicates that the Session is a “John Downes Operator Workshop”.
- Please check the sessions you plan to attend.

SESSION	DAY	START TIME	END TIME	PROGRAM DESCRIPTION	PLANNED ATTENDANCE
1	Tuesday	8:15 AM	11:45 AM	2025 Collection Managers Workshop (JDOW)	_____
2	Tuesday	8:30 AM	12:30 PM	Energy (NY-NJ PE)	_____
3	Tuesday	8:30 AM	1:30 PM	Wastewater Operators Program (JDOW)	_____
4	Tuesday	8:30 AM	1:30 PM	Laboratory Workshop (JDOW)	_____
5	Tuesday	9:00 AM	4:00 PM	Air Pollution Presentation (NY-NJ PE)	_____
6	Tuesday	1:30 PM	4:30 PM	Sustainability and Resiliency (NY-NJ PE)	_____
7	Tuesday	1:30 PM	3:00 PM	Instructor’s Workshop	_____
8	Tuesday	2:00 PM	4:00 PM	Aging Pump Stations (Exhibit Area)	_____
9	Tuesday	2:00 PM	4:00 PM	Innovative Technology Forum (NY-NJ PE)	_____
10	Wednesday	8:30 AM	4:30 PM	Student Session	_____
11	Wednesday	9:00 AM	4:00 PM	Maintenance Workshop (JDOW)	_____
12	Wednesday	9:00 AM	12:00 PM	Plenary Session - 2025	_____
13	Wednesday	1:00 PM	4:00 PM	Professional Engineer’s Program (NY-NJ PE)	_____
14	Wednesday	1:00 PM	5:00 PM	Instrumentation and Controls (NY-NJ PE)	_____
15	Wednesday	1:00 PM	5:00 PM	Industrial Wastewater Management (NY-NJ PE)	_____
16	Wednesday	1:00 PM	5:00 PM	Issues of Emerging Concern (NY-NJ PE)	_____
17	Wednesday	2:15 PM	3:15 PM	Peristaltic Pumps and Gas Detection (Exhibit Area)	_____
18	Wednesday	4:30 PM	6:30 PM	Ethics Considerations for Engr’s. (NY-NJ PE)	_____
19	Thursday	8:00 AM	11:00 AM	CSOs: Implementing LTCs, Pt 1 (NY-NJ PE)	_____
20	Thursday	1:00 PM	4:00 PM	CSOs: Implementing LTCs, Pt 2 (NY-NJ PE)	_____
21	Thursday	8:30 AM	2:00 PM	Safety Workshop (JDOW)	_____
22	Thursday	8:30 AM	4:00 PM	MABA/NJWEA Biosolids Workshop (NY-NJ PE)	_____
23	Thursday	8:45 AM	4:00 PM	Collection Operators’ Workshop (JDOW)	_____
24	Thursday	9:00 AM	4:00 PM	Industrial Wastewater Oper. Workshop (JDOW)	_____
25	Thursday	9:00 AM	11:00 AM	Nutrient Removal Part I (NY-NJ PE)	_____
26	Thursday	1:00 PM	4:00 PM	Nutrient Removal Part II (NY-NJ PE)	_____
27	Thursday	11:30 AM	12:30 PM	Turnkey Lift Stations (Exhibit Area)	_____

# REGISTRATION FORM - PART TWO

## NEW JERSEY WATER ENVIRONMENT ASSOCIATION

# 110th John J. (Jack) Lagrosa Annual Conference & Exposition

May 5-9, 2025 | Harrah's Resort, Atlantic City, New Jersey

Complete both parts of registration form in full and mail by April 28, 2025. Mailings received after May 1st will be treated as onsite registrations. Circle the appropriate fees to indicate the selected events, indicate the number of Tickets or Membership Fees and Sum the Total of Fees Due.

**PLEASE PRINT CLEARLY. A TWO PAGE REGISTRATION FORM MUST BE COMPLETED FOR EACH REGISTRANT.**  
**NOTE: NON-MEMBER MAY ELECT TO JOIN THE NJWEA OR COMPLETE THE REGISTRATION AT THE NON-MEMBER RATES NOTE: NJWEA MEMBERSHIP IS NOT INCLUDED WITH NON-MEMBER REGISTRATION**

PRE-CONFERENCE REGISTRATION AND SPECIALTY REGISTRATION	CIRCLE YOUR CHOICES	
	MEMBER	NON-MEMBER
• 2025 WEF Wastewater Surveillance Workshop	\$110.00	\$155.00
• GIS and Asset Management	\$205.00	\$260.00
• AAES Workshop	\$320.00	\$320.00
• Stormwater Workshop	\$205.00	\$260.00
• Driver Safety	\$205.00	\$260.00
• Engineering a Solution Seminar	\$98.00	\$153.00
• AAES/NJWEA Wes Eckenfelder Breakfast	\$42.00	\$42.00
• Hazardous Waste Seminar, 8-Hr OSHA	\$159.00	\$196.00
<b>PRE-CONFERENCE REGISTRATION SUB-TOTALS</b>	\$ _____	\$ _____

CONFERENCE REGISTRATION	MEMBER	NON-MEMBER
• Full Registration (See Page 1 for Description)	\$675.00	\$785.00
• One Day Registration - Tuesday Only	\$155.00	\$190.00
• One Day Registration - Wednesday Only	\$155.00	\$190.00
• One Day Registration - Thursday Only	\$155.00	\$190.00

SPECIAL EVENTS TICKETS ONLY	NUMBER	PRE-REG. COST	EXT. AMOUNT
• Monday Presidents Awards Reception	_____	x \$ 84.00	= _____
• Tuesday Evening Meet & Greet	_____	x \$130.00	= _____
• Wednesday Prayer Breakfast	_____	x \$42.00	= _____
• Thursday Post Conference Reception	_____	x \$110.00	= _____
• Friday Closing Session/Breakfast	_____	x \$40.00	= _____
• Tuesday Golden Manhole Luncheon	_____	x \$50.00	= _____
• Thursday Sludge Shovelers Breakfast	_____	x \$42.00	= _____

**MEMBERSHIP FEES, AMOUNT DUE:** \$ \_\_\_\_\_

**PRE-CONFERENCE REGISTRATION SUB-TOTAL AMOUNT DUE:** \$ \_\_\_\_\_

**CONFERENCE REGISTRATION SUB-TOTAL AMOUNT DUE:** \$ \_\_\_\_\_

**SPECIAL EVENTS SUB-TOTAL AMOUNT DUE:** \$ \_\_\_\_\_

**TOTAL AMOUNT DUE:** \$ \_\_\_\_\_

OPTIONAL MEMBERSHIP NEW OR RENEWAL:	
WEF Professional Member:	\$186.00
WEF PWO Member:	\$119.00
WEF Young Professional:	\$65.00
WEF Student	\$35.00
NJWEA Associate Membership	\$55.00
<b>CIRCLE YOUR CHOICE</b>	

**EXHIBIT AREA ONLY:**  
 No Charge for Utility and Regulatory Staff  
**NO EXHIBITORS**  
Three Days Tues Wed Thur  
**CIRCLE YOUR CHOICE**

**CANCELLATIONS:**  
 Cancellations must be in writing. No phone calls will be accepted. A 5% charge for cancellations made prior to 5/1/2025. Absolutely no refunds will be made after that date.

**ALL ONSITE REGISTRATION FEES ARE APPROXIMATELY 30% HIGHER THAN PRE-REGISTRATION FEES.**

**Lost Badge Fee 145.00 – PER DAY**

## Registration Form

**PLEASE PRINT CLEARLY**

Tax ID # 22-2184162

Name \_\_\_\_\_ Phone (\_\_\_\_) \_\_\_\_\_ Fax (\_\_\_\_) \_\_\_\_\_

Billing Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Employer \_\_\_\_\_ E-Mail \_\_\_\_\_

Badge to Read (Nick Name) \_\_\_\_\_ I require Engineering CPC Credits/Hours for the following: Circle all that apply: NY NJ PA

Last 4 Digits of SSN: (For TCHs) \_\_\_\_\_ NJDEP Operator License # \_\_\_\_\_ Operator License Class: \_\_\_\_\_

ELIGIBLE FOR PWO MEMBERSHIP: Yes \_\_\_\_\_ No \_\_\_\_\_ WEF Membership No.: \_\_\_\_\_ Non-Member: \_\_\_\_\_

Name of Spouse (Complementary Entrance to Exhibit Hall) \_\_\_\_\_ Spouse Nick Name \_\_\_\_\_

Check No. \_\_\_\_\_ CREDIT CARD NO. \_\_\_\_\_

EXP. DATE \_\_\_\_\_ CV2 # (The 3-digits on the signature area of the card or 4 digits on the front of the AMEX card) \_\_\_\_\_

**SIGNATURE** \_\_\_\_\_

**MAKE CHECK PAYABLE TO "NJWEA" AND MAIL TO:**

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

## **Spouses Get Together for Wine & Cheese**

Wednesday and Thursday - NJWEA Hospitality Room (12:30 p.m. to 2:00 p.m.)

For more information about the Spouse's Program or the Wheel of Fortune, contact Ann Bonaccorso (annbonaccorso@yahoo.com) or Jeanne Maiellano (rumpelstll@aol.com).

## **Meet & Greet** SPONSORED BY JET VAC EQUIPMENT

Don't miss the Association's MEET & GREET PARTY at Harrah's Resort at 7:00 p.m. to 10:00 p.m. Poolside on Tuesday Night, May 6, 2025.

It's always a great way to see your old friends and meet new ones. Attire is casual, New Jersey style. Slow down your pace and relax at this year's Meet & Greet Party.

## **Thursday Night Post-Conference Reception** SPONSORED BY CME

Join us at Harrah's Seven Star Lounge for the Closing Reception on Thursday evening, May 8, 2025, at 7:00 p.m.

This year your Conference Committee invites you to a night of fine music and good food with good friends to socialize and enjoy a casual atmosphere while winding down from a successful conference. Following the fine fare and an open bar at the cocktail reception, a delightful display of culinary favorites with desserts, coffees and fine digestifs will be offered.

## **MULTIPLE DRAWINGS FOR IPAD'S**

All Full Registration and Thursday Only Registration Conference Attendees will receive a raffle ticket for the iPad drawings in the Exhibit Hall on Tuesday, Wednesday, and Thursday. Must be present to win.

## **Sludge Bowl - Karaoke at the Eden Lounge** at Harrah's Resort (see Page 19) • Wednesday, May 7, 2025 (9:00 p.m. to ???)

### **THE CONFERENCE PROGRAM AND LOGISTICS WERE MADE POSSIBLE THROUGH THE EFFORTS OF THE FOLLOWING NJWEA COMMITTEES**

#### **COMMITTEE**

Executive Awards  
Biosolids and Energy Collection Systems  
Conference Management  
  
Education Advisory  
  
GIS/Asset Management  
Industrial Environmental Quality Information Mgmt. & Technology Laboratory  
  
Membership  
Operations Challenge  
Professional Engineering Program  
Publications  
Public Education  
  
Safety  
Scholarships Awards  
Stormwater  
Young Professionals

#### **CHAIRPERSON**

Francis Bonaccorso  
Robert J. De Block  
Jay Surti  
Louis C. Lambe  
Richard Eustace  
Robert J. De Block  
Lisa Oberreiter  
Chris Hoffman, PE  
Joseph Bonaccorso  
Brian Brach, PE  
Natalie Pisarcik  
James De Block  
Jennifer Marques & Christopher Nally  
Brian Valliere  
Keith Wagner  
James Wancho, PE  
Michael J. Hope, PE  
Gregory Burde  
Jennifer Marques & Tom Meholc  
Frank Dykas  
Peter Strom, PhD  
Nicole Joy  
Brian Carey, PE

### **CONFERENCE ACTIVITIES INCLUDE**

(LOOK INSIDE FOR THE FULL PROGRAM OF ACTIVITIES AND MORE DETAILS)

#### **MONDAY, May 5**

- Lunch in La Strada's Restaurant
- NJWEA President's Award Reception at 5:00 p.m.

#### **TUESDAY, May 6**

- AAEEES Breakfast with CEU's for PE's (See Page 18)
- Coffee Breaks/Raffle in Exhibit Areas
- Lunch in Exhibit Areas
- Afternoon Wine & Cheese Party in Exhibit Areas
- Meet and Greet Poolside at 7:00 p.m.

#### **WEDNESDAY, May 7**

- Prayer Breakfast in La Strada's Restaurant (see Page 18)
- Coffee Breaks/Raffle in Exhibit Areas
- Lunch in Exhibit Areas
- Beef and Brew Reception in Exhibit Areas
- Sludge Bowl (see above and Page 19)

#### **THURSDAY, May 8**

- Coffee Breaks/Raffle in Exhibit Areas
- Exhibit Hall Reception
- Raffle in Exhibit Area
- Post Conference Reception (see above)

#### **FRIDAY, May 9**

- Breakfast Buffet - Raffle



# The 48th Annual NJWEA Golf Outing

DURING THE NJWEA 110TH JOHN J. LAGROSA ANNUAL CONFERENCE

**MONDAY, MAY 5, 2025**

Blue Heron Pines Golf Club • 550 Country Club Drive, Egg Harbor City, NJ

Tee Off: 8:30 am Shotgun Start-Scramble Format • Carts Mandatory & Included in Fee of \$130.00 per person  
Includes: Continental Breakfast, Greens Fees, Carts, Driving Range, and Barbecue Lunch following golf.

**BOOK GOLF AND SPONSORSHIPS ONLINE AT: <https://tinyurl.com/NJWEA48Golf>**

### SPONSORSHIP

Sponsorship of Tees and Greens will be \$130.00 each. Tournament sponsors will be \$160.00. Sponsorships will be assigned by order of receipt.

All sponsors will be listed in the post conference "Effluents" magazine to provide maximum visibility to the sponsors.

### DONATIONS

Donations of door prizes and awards would be greatly appreciated. Contact Rob Genetelli (Chairman Golf Committee) at (201) 447-2660 with questions on golf or donations.

**Prizes will be awarded at lunch for the following:**

- Team Prizes for 1st and 2nd Place
- Longest Drive
- Closest to the Pin

## Golf Registration Form

**PLEASE PRINT CLEARLY**

**MAKE CHECK PAYABLE TO "NJWEA" AND MAIL TO:**

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

Name \_\_\_\_\_ Phone (\_\_\_\_) \_\_\_\_\_ Fax (\_\_\_\_) \_\_\_\_\_

Billing Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

E-Mail \_\_\_\_\_

Names in your foursome \_\_\_\_\_

Golf Only \$130.00 x \_\_\_\_\_ = \$ \_\_\_\_\_

I would like to sponsor a \_\_\_\_\_ \$ \_\_\_\_\_

**TOTAL \$ \_\_\_\_\_**

Check No. \_\_\_\_\_ CREDIT CARD NO. \_\_\_\_\_

EXP. DATE \_\_\_\_\_ CV2 # (The 3-digits on the signature area of the card or 4 digits on the front of the AMEX card) \_\_\_\_\_

**SIGNATURE** \_\_\_\_\_

## The Jeanne Decker Sludge Shovelers Breakfast The Franklin S. Hartman Golden Manhole Lunch

**MUST BE A MEMBER TO ATTEND • (OTHER STATE (MA) MEMBERS MAY REGISTER)**

**FOR MORE INFORMATION AND TO REGISTER ON-LINE GO TO: <https://tinyurl.com/NJWEA2025>**

Or you can register via the form below.

## Member Registration Form

**PLEASE PRINT CLEARLY**

Tax ID # 22-2184162

**MAKE CHECK PAYABLE TO "NJWEA" AND MAIL TO:**

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

Name \_\_\_\_\_ Phone (\_\_\_\_) \_\_\_\_\_ Fax (\_\_\_\_) \_\_\_\_\_

Billing Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

E-Mail \_\_\_\_\_

**I Will Attend** \_\_\_\_\_ **Golden Manhole Society Lunch**, Tuesday at 12:00 Noon **\$50.00** \$ \_\_\_\_\_

(Paid Breakfast and/or Lunch) \_\_\_\_\_ **Sludge Shoveler's Breakfast**, Thursday at 6:45 am **\$42.00** \$ \_\_\_\_\_

**NOTE: ADD \$5.00 for each Onsite Ticket purchased for each event** **TOTAL \$ \_\_\_\_\_**

Employer: \_\_\_\_\_ Check No. \_\_\_\_\_

CREDIT CARD NO. \_\_\_\_\_

EXP. DATE \_\_\_\_\_ CV2 # (The 3-digits on the signature area of the card or 4 digits on the front of the AMEX card) \_\_\_\_\_

**SIGNATURE** \_\_\_\_\_

New Jersey Water Environment Association  
**110th John J. (Jack) Lagrosa  
 Annual Conference  
 and Exposition Agenda**

FOR: GOVERNMENT - BUSINESS - INDUSTRY

**INCLUDES SOMETHING FOR EVERYONE!**

**"John Downes Workshops"**

for Wastewater, Collection, Maintenance, Industrial, Laboratory and Safety

**Professional Engineers**

Certain courses include CPC Credits for NJ and NY PEs (look for NYPE or NJPE in the course description and see page 17 regarding NJ and NY PE CPC Credit). Most courses also qualify for PA PE CPC Credits (see page 17 of this Flyer for more information on PA PE CPC Credit).

**Stormwater Workshop, AAES Workshop, Air Pollution,  
 HAZWOPER, Energy, Resiliency and much more.**

**The WEF BOOKSTORE is Coming Back to the Conference**

(Located Adjacent to Registration)

The WEF Bookstore will be the convening spot for attendees interested in discounted resources for all stages of their careers, including training materials, Manuals of Practice, standards and general management titles. WEF and water-themed merchandise will be available for attendees to purchase for family, staff and clients. Bookstore visitors will receive a free gift and a chance to win a free subscription when they get a brief demonstration of Access Water, the Water Environment Federation's technical content library of more than 20,000 pieces of technical content.

**NJWEA OFFICERS**

Francis J. Bonaccorso, President  
 Michael J. Hope, President Elect  
 Brian J. Brach, Vice President  
 Robert C. Fischer, Treasurer  
 James De Block, Executive Director  
 Richard D. Eustace, Deputy Exec. Dir.

**CONFERENCE MANAGER**

Richard D. Eustace

**CONFERENCE VICE CHAIRS**

Lisa Oberreiter  
 Robert De Block

**PROGRAM COMMITTEE**

Michael J. Hope, Chair  
 Francis J. Bonaccorso, Vice Chair

**INDUSTRIAL COMMITTEE**

Natalie Pisarcik, Chair

**LABORATORY COMMITTEE**

Jennifer Marques, Co-Chair  
 Christopher Nally, Co-Chair

**OPERATIONS CHALLENGE**

Keith Wagner, Chair  
 Katherine Collinge,  
 Spring Fling Coordinator

**COLLECTION COMMITTEE**

Louis C. Lambe, Chair

**GIS/ASSET MANAGEMENT COMMITTEE**

Brian J. Brach, Chair

**BIOSOLIDS AND ENERGY COMMITTEE**

Jay Surti, Chair

**STORMWATER COMMITTEE**

Nicole Joy, Chair

**SAFETY COMMITTEE**

Frank Dykas, Chair

**REGISTRATION COORDINATOR**

Debbie Cardena  
 Phone: (973)-239-9200 - Fax: (973) 239-9239  
 EMAIL: dcardena@njwea.org

**EXHIBIT HOURS**

Tuesday	9:00 am – 5:30 pm
Wednesday	9:00 am – 5.30 pm
Thursday	10:00 am – 2:00 PM

**On-Site REGISTRATION HOURS**

Sunday	2:00 pm – 6:00 pm
Monday	7:00 am – 6:00 pm
Tuesday	6:45 am – 5:00 pm
Wednesday	7:00 am – 4:45 pm
Thursday	7:30 am – 12:00 Noon



# Monday, May 5, 2025

## 2025 WEF Wastewater Surveillance Workshop

(8:00 a.m. to 12:00 p.m.) (TCH Hours: 4 WW)

NJDEP Course No. 03-032530-20

CPWM No. NJWEA-DLGS-1330 Tech. 3 GOV. 1Hrs.

NYPE 3; NJPE 4

- Moderator:** Anna Mehrotra, PhD, PE, Director, Wastewater Surveillance Program, WEF
- 8:00 a.m. "Welcome Workshop Objectives and Speaker Introductions," Anna Mehrotra, PhD, PE, Director, Wastewater Surveillance Program, WEF
- 8:10 a.m. "Wastewater Surveillance: Current Status and Future Projects," Anna Mehrotra, PhD, PE, Director, Wastewater Surveillance Program, WEF
- 8:40 a.m. Breakout Session: Pathogen Targets of Interest Small Groups
- 9:00 a.m. "New Jersey Program Update," Yuriy Levin, New Jersey Department of Health, Nicholas Palmateer, New Jersey Public Health Environmental Laboratories, and Diana Rechbind, New Jersey Department of Health
- 9:45 a.m. BREAK
- 10:15 a.m. "Delaware Program Update," Emily Hanlin, Delaware Department of Health and Human Services and Ryan Hollingshead, Delaware Department of Health and Human Services
- 11:00 a.m. Breakout Session: Case Study Reflections Small Groups
- 11:30 a.m. Panel Discussion  
Anna Mehrotra, PhD PE, Director, Wastewater Surveillance Program, WEF, Ryan Hollingshead, Delaware Department of Health and Human Services and Diana Rechbind, New Jersey Department of Health
- 11:55 a.m. Summary, Closing Thoughts and Additional Resources, Anna Mehrotra, PhD, PE, Director, Wastewater Surveillance Program, WEF

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## 2025 GIS and Asset Management Session

(8:30 a.m. to 4:00 p.m.) (TCH Hours: 7 WW)

NJDEP Course No. .03-032501-20

CPWM No. NJWEA-DLGS-1401 Tech. 7 Hrs

NYPE 7; NJPE 7

- Moderators:** Brian J. Brach, PE, Executive Director, Manasquan River RSA  
Stephen R. Blankenship, PE, Executive Director, Lower Township MUA  
Alyson Pohlit, Account Manager, Global Water Practice, ESRI
- 8:30 a.m. "Using Artificial Intelligence (AI) and Machine Learning (ML) to Jump Start a City's Geospatial Asset Management Program," Frances Curtis, Director, Pennoni
- 9:30 a.m. "City of Dover GIS Division: Planning for the Future of City Utilities," Michael Walke, GIS Manager, City of Dover (DE) and Mark Nowak, Director of Public Works, City of Dover (DE)
- 10:00 a.m. BREAK
- 10:15 a.m. "Enhancing Facility and Asset Operations with GIS Technology," Alyson Pohlit, Account Manager, Global Water Practice, Esri and Matthew Kennedy, Water Solution Engineer Manager, Esri
- 10:45 a.m. "Innovative Approaches to Membrane Filtration, Advanced Treatment and Retrofit Options for

- Wastewater Treatment Plant Upgrades," David Silverman, Process Solutions Manager, PSI Process
- 11:45 p.m. LUNCH
- 1:00 p.m. "Township of Jefferson WWTP Evaluation and I&I Study," Monisha Brown, Project Engineer, H2M
- 1:30 p.m. "Reactive to Proactive: Addressing Sewer System Rehabilitation Needs," Steven Hearl, Practice Leader - Wastewater Engineering, H2M
- 2:00 p.m. BREAK
- 2:15 p.m. "Corrosion Resistant Materials for the Wastewater Industry," Kevin Grega, President, CTS-Sauereisin Engineering Sales Representative
- 3:00 p.m. "A Phased Approach for Replacing Rotating Biological Contactors," Kevin O'Brien, Principal Project Manager, Mott MacDonald
- 3:30 p.m. "Onsite PFAS Destruction Solution for Landfill Leachate for PFAS Pre-Treatment at Municipal Wastewater Treatment Plant (WWTP) Utilizing Ozone Foam Fractionation and Electro-Oxidation," James Locurto, Product Manager, PFAS Solutions, Ovivo

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## AAEES WORKSHOP - AI and ML for Environmental Applications

(8:30 a.m. to 4:15 p.m.) (TCH Hours: 6 W&WW)

NJDEP Course No. 03-032502-30

CPWM No. NJWEA-DLGS-1402 Tech. 6 Hrs.

NYPE 6; NJPE 6

- Moderators:** David A. Vaccari, PhD, PE, BCEE, F.ASCE, Emeritus Professor, Stevens Institute of Technology  
Nicole Fahrenfeld, PhD, Associate Professor, Civil & Environmental Engineering, Rutgers University
- 8:45 a.m. "Machine Learning Application in Water, Case Studies of Water Main Breaks Prediction and Lead Service Line Prediction," Jingjing Dai, Black and Veatch
- 9:45 a.m. "Success Stories with AI/ML in the Water Industry," Karyn Saunders, Hazen and Sawyer
- 10:45 a.m. BREAK
- 11:00 a.m. "Robust Water and Wastewater Infrastructure: Analyzing Failure Hotspots and Drivers to Inform Resilience Strategies," Holly Josephs, Rutgers Dept. of Civil and Environmental Engineering
- 11:30 a.m. "Continuous Monitoring of Onsite Water Recycling Systems Using Machine Learning-Based Soft Sensors," Hsiang-Yang Shyu, University of South Florida
- 12:00 p.m. LUNCH
- 1:00 p.m. "Revolutionizing Sewer Management: AI-Driven Insights and Real-World Application," Jennifer Baldwin, Jacobs Solutions, Inc.
- 1:30 p.m. "Multivariate Polynomial Regression (MPR) for Response Surface Analysis (And Why Neural Networks Should Make You Nervous)," David Vaccari, Stevens Institute of Technology
- 3:00 p.m. BREAK
- 3:15 p.m. "Future Flood Risk Estimation in New Jersey - A Machine Learning Approach," Zimeena Rasheed, Rutgers Dept. of Civil and Environmental Engineering
- 3:45 p.m. "Practical Application of Cloud-Based Digital Twins for Real-Time Set Point Optimization," Mark Drake, Veolia

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# Monday, May 5, 2025

## Stormwater Workshop 2025

(9:00 am. to 4:00 p.m.) (TCH Hours: 5.5 WW)  
NJDEP Course No. 03-032503-20  
CPWM No. NJWEA-DLGS-1403 Tech. 5.5 Hrs.  
NYPE 5; NJPE 5

**Moderators:** Nicole Joy, Senior Project Engineer, Kleinfelder  
Brian Friedlich, PE, Managing Engineer,  
One Water Consulting LLC

- 9:00 a.m. "Stormwater Regulatory Updates and Green Infrastructure Overview," Brian Friedlich, PE, Managing Engineer, One Water Consulting LLC
- 9:30 a.m. "Putting Outfall Watersheds on the Map: Tools for MS4 Mapping," Caitlin Gilvey, Water Resources Engineer, One Water Consulting LLC
- 10:00 a.m. BREAK
- 10:15 a.m. "Action Items and Partnering for Communities Facing Nutrient TMDLs," Robin Miller, Water Resources Technical Leader, HDR, Inc. and Ray Hyland, PE, Stormwater Business Class Lead, HDR, Inc.
- 10:45 a.m. "Stormwater Quality Improvements in an Urban Environment: Henry Law Avenue & Payne Street, Dover, NH," Greg Avenia, PE, Project Manager, Kleinfelder, Inc. and Laura Strang, PE, Project Professional, Kleinfelder, Inc.
- 11:15 a.m. "Chitosan Biocoagulants: Improving the Safety, Economics and Environmental Impacts of an Open Air Activated Sludge System in Georgia," Jenn Wood, Global Key Account Manager, Tidal Vision
- 12:00 p.m. LUNCH
- 1:00 p.m. "Project Spotlight: Canal Crossing Redevelopment, Jersey City," Michael Thomas, PE, PMP, LEED AP ND, Portfolio/Program Manager, T&M Associates
- 1:45 p.m. "Weathering the Storm: Silicon Carbide Membranes for Unparalleled Stormwater Management," Martin Swanson, National Sales Manager, SiCBLOXTM Wastewater Sustainability Group, Ovivo USA LLC and David Silverman, Manager, Process Solutions, PSI Process
- 2:30 p.m. BREAK
- 2:45 p.m. "Innovative Use of Stormwater as Water Supply at the New Brunswick, NJ Water Treatment Plant," Kirk Barrett, PhD, Project Engineer, Mott MacDonald
- 3:15 p.m. "Development and Implementation of a Watershed and Lake Protection Plan for Duhernal Lake in Support of Departmental TMDL Initiatives," Erin Dovel, PE, Senior Project Engineer, Kleinfelder, Inc.

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## Driver Safety

(9:00 am to 4:00 pm) (TCH Hours: 6 Safety)  
NJDEP Course No. 03-020603-31  
CPWM No. NJWEA-DLGS-276 Tech. 6 Hrs.

**Instructor:** Harry E. Smith, III, CSM,  
Affordable Safety Compliance, LLC

A comprehensive and interactive six-hour course that outlines the offensive and defensive driving attitudes we experience each day. The good, the bad, and the ugly. Participants will be eligible for a 5% or \$50.00 insurance premium reduction for three years (NJ State Law). Also, for those who need it, we can deduct two points off your NJ Driver's License. (Unfortunately, we can't bank the point reduction, it's a one-time deal that we can do only once every three years.)

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## Engineering a Solution 2025

(1:00 p.m. to 4:00 p.m.) (TCH Hours: 3.0 WW)  
NJDEP Course No. 03-032504-20  
CPWM No. NJWEA-DLGS-1404 Tech. 3 Hrs.  
NYPE 3; NJPE 3

**Moderators:** Joseph Polomene, PE, Associate,  
Sherwood Logan & Associates  
Roseann Pettrow,  
Sales Associate, G.A. Fleet Associates

- 1:00 p.m. "Rehabilitating the CCUA Wastewater Treatment Plant: A Phased Approach to Infrastructure Renewal and Strategic Funding," David Applegate, PE, Senior Technical Director, Suburban Consulting Engineering, Inc. and Bob Carlson, Executive Director, Cumberland County Utilities Authority
- 1:45 p.m. "Submersible Pump Station Design and Formed Suction Intakes," Ian Belczyk, Senior Applications Engineer, Xylem Water Solutions
- 2:15 p.m. "Startup and Commissioning of the New Main Sewage Pumping Station at the Coney Island Wastewater Resource Recovery Facility, Brooklyn, NY," Chris Malinowski, PE, Utility Management and Operations Practice Leader, HDR Engineering, Inc. and Tim Groninger, PE, Senior Project Manager, HDR Engineering, Inc.
- 3:00 p.m. "Pipe Dreams: A Flow-tastic Transformation at the Linden-Roselle Wastewater Treatment Plant," Stephanie Cuthbert, PE, Principal and Executive Vice President of the Water/Wastewater Division, Remington & Vernick Engineers
- 3:30 p.m. "Building a More Accurate AI Chatbot for Engineering Problem Solving in the Water Industry," Rob Sinclair, Corporate Technology Lead/Advanced Design Technical Practice Lead, Wade Trim

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## NJWEA President's Award Reception

(5:00 p.m.)

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## AAEES/NJWEA Wesley Eckenfelder Memorial Breakfast

(7:00 a.m. to 8:15 a.m.) (TCH Hours: 1 WW)  
NJDEP Course No. 03-032505-20  
CPWM No. NJWEA-DLGS-1405 Tech. 1 Hr.  
NYPE 1; NJPE 1

7:00 a.m. "Finding Value to the Information in Sewage – COVID and Beyond," Charles N. Haas, Drexel University

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## Collection System Managers Workshop 2025

(8:15 a.m. to 11:45 a.m.) (TCH Hours: 3.5 WW)  
NJDEP No. 03-032506-20  
CPWM No. NJWEA-DLGS-1406 Tech. 3.5 Hrs.  
NYPE 3; NJPE 3.5

**Moderators:** Ceren Aralp, PE, Veolia

Louis C. Lambe,  
Passaic Valley Sewerage Commission  
William T. Suchodolski, PE,  
Ocean County Utilities Authority (Retired)

- 8:15 a.m. "Considerations When You Have to Upgrade Your ACP Sewer," Emily Shibata, EIT, Mott MacDonald
- 8:45 a.m. "Spiral Wound Pipe Lining Installation – South Street - New York City," David Beesley, PE, Coppola Services
- 9:15 a.m. "Emergency Repair of the Kearny-Harrison-Newark Branch Interceptor," Brian Shiels, Mott MacDonald
- 10:00 a.m. "Meter Madness – Using AI to Aid in Sewershed Anomaly Detection for PVSC," Karyn Sanders, PE, Hazen and Sawyer and Louis Lambe, PVSC
- 10:45 a.m. "The Pressure is On – Overcoming the Challenges of Assessing a Sanitary Force Main," Susan Donnally, PE, HDR
- 11:15 a.m. "Force Main Maintenance and Regulatory Compliance," Kris Embry, Vice President, Pressure Pipe Consulting Company
- 11:45 p.m. Vendor's Floor

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## Energy Session 2025- The Water-Energy Nexus

(8:30 a.m. to 12:30 p.m.) (TCH Hours: 3 W&WW)  
NJDEP Course No. 03-032507-30  
CPWM No. NJWEA-DLGS-1407 Tech. 3 Hrs.  
NYPE 3; NJPE 3.5

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

Josh Ferguson, PE, Civil Engineer, AECOM

- 8:30 a.m. "Market Analysis of WRRF Real-Time AI-Driven Optimization Solutions," Steven Kestel, Director of Advanced Aeration Controls, APG Neuros
- 9:00 a.m. "Navigating Energy Auditing: A Roadmap to Energy Reduction in Wastewater Operations," Jen Muir, PE, President, JK Muir
- 9:30 a.m. "Upcoming Changes to the PJM Market," Laurie Wiegand-Jackson, Utility Advantage, LLC
- 10:00 a.m. BREAK
- 10:30 a.m. "Waste to Energy Realized – The Great Neck Cogeneration Project," Daniel Capano, Construction Manager, Gannett Fleming Engineers and Architects
- 11:00 a.m. "Fuel Cell Applications in the Wastewater Industry," Mike Palmer, Director Business Development, FuelCell Energy, Inc.

11:30 a.m. "Renewable Fuel Production at WRRFs: Integrating Biogas-to-RNG, Hydrogen and Sustainable Aviation Fuel Pathways," Amir Ghasdi, PhD, MBA, Renewable Natural Gas Lead, GHD, Inc.

12:00 p.m. "Energy Management at WRRFs – Is Hydrogen a Viable Alternative?," Brendan C. Wolohan, PE, Senior Engineer, Carollo Engineers, Inc.

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## Wastewater Treatment Operator's Program 2025

(8:30 a.m. to 1:30 p.m.) (TCH Hours: 4 WW)  
NJDEP No. 03-032508-20  
CPWM No. NJWEA-DLGS-1408 Tech. 4 Hrs.

**Moderators:** Nicholas Taricani, PE, Deputy Executive Director, Hanover Sewerage Authority  
Joseph Russell, Superintendent, Delran Township Sewer Department

- 8:30 a.m. "We Will Grit By – An Increasingly Complex Grit System Rehabilitation," Jeff Naumick, PE, Senior Project Manager and Zack Knight, PE, Project Manager, Howard County DPW
- 9:00 a.m. "Optimizing Operational Efficiency When Undertaking State of Good Repair Projects," John Scheri, PE, Water Market Leader - North America, Mott MacDonald and Nicholas Taricani, PE, Deputy Executive Director, Hanover Sewerage Authority
- 9:30 a.m. "Technical Analysis of the Rotary Press for Sludge Dewatering," Scott McKay, Senior Adviser, Fournier Industries, Inc.
- 10:00 a.m. "Back to Basics - Review of UV Disinfection," Patrick Bollman, P.E., UV Business Development Manager Xylem
- 10:30 a.m. BREAK
- 11:30 p.m. "Professional Ethics for Licensed Operators," John Meier, Operations Manager, WRM/RVE and John Manganaro, Licensed Operator, WRM/RVE
- 12:30 p.m. "Unveiling the Science of Polymer Activation – Exploring the Benefits through Applications," Pat Gallagher, Regional Manager, Cleanwater1

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## Laboratory Workshop 2025

(8:30 a.m. to 1:30 p.m.) (TCH Hours: 4 W&WW)  
NJDEP No. 03-032509-30

CPWM No. NJWEA-DLGS-1409 Tech. 2.0; Gov. 2.0 Hrs.

**Moderators:** Chris Nally, American Aquatic Testing, Inc.

Jennifer Marques, Laboratory Director, Passaic Valley Sewerage Commission

- 8:30 a.m. Opening Remarks
- 8:45 a.m. "Emerging Water Contaminants: Chemistry Matters," Michael Furrey, Transition Manager, PACE Analytical
- 9:45 a.m. "Pilot Study: Microplastic Collection Demonstration Project at the ACUA Wastewater Treatment Facility," Yueyu Yao, Lead Scientist, PolyGone Systems, Inc.
- 10:30 a.m. "Is PFAS Cross-Contamination Caused by Sampling," Lindsey Boone, Technical Specialist, PACE Analytical
- 11:00 a.m. BREAK
- 11:15 a.m. "NJDEP OQA Regulatory Update," Caitie Van Sciver, Research Scientist, NJDEP-Office of Quality Assurance
- 12:30 p.m. "The Benefits of Total Organic Carbon Analysis (TOC) Compared to BOD and COD," Jada-Star Mains, Manager, Analytik Jena US, LLC and Jess Gantt, Application Lab Manager, Analytik Jena US, LLC

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## 8-Hour HAZWOPER Refresher

(8:30 a.m. to 4:30 p.m.) (TCH Hours: 8.0 Safety)  
NJDEP No. 03-010304-31  
CPWM No. NJWEA-DLGS-105 Tech. 8 Hrs.

**Moderators:** Chris Myers, EHS Compliance Manager,  
Environmental Compliance Monitoring, Inc.  
Tom Greci, Technical Manager,  
Environmental Compliance Monitoring, Inc.

**Instructors:** Chris Myers, EHS Compliance Manager,  
Environmental Compliance Monitoring, Inc.  
David Grupp, Versatile Senior Environmental  
Manager, AEI Consultants

## CONTINENTAL BREAKFAST

### Morning Session:

Course/OSHA HAZWOPER Overview  
"What's New with OSHA/HAZWOPER?"  
Types of Hazards, Exposure Criteria  
Chemical Hazard Evaluation  
Personal Protective Equipment & Decon

### Working Lunch:

Spill Response

### Afternoon Session:

Backhoe Safety  
Air Monitoring Instrumentation  
Respiratory Protection  
DOT HazMat Shipping Overview  
Heat/Cold Stress  
Health & Safety Review

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## Air Pollution 2025- Greenhouse Gas Presentations

(9:00 a.m. to 4:00 p.m.) (TCH Hours: 5.5 WW)  
NJDEP Course No. 03-032510-20  
CPWM No. NJWEA-DLGS-1410 Tech. 5 Hrs.  
NYPE 4; NJPE 4.5

**Moderator:** Richard Erickson, Senior Associate,  
First Environment

- 9:00 a.m. "Modifying Air Permits and Ensuring Compliance at the Township of Neptune Sewerage Authority," Rich Cestone, PE, CHMM, Remington & Vernick Engineers
- 9:45 a.m. "Accounting for Air Pollution in Environmental Justice Regulations," Tiffany Medley, PhD, Tetra Tech
- 10:30 a.m. BREAK
- 10:45 a.m. "Co-Digestion of Biosolids: Insights from Case Studies and Regulatory Evolution," Shirin Estahbanati, PhD, PE, First Environment
- 11:30 a.m. "Operational Update on New Water High Temperature Fluid Bed Incinerator and its Compliance with MACT LLL Emission Limits," Jake Becken, New Water, Levent Takmaz, PhD, Veolia Water Technologies and Solutions and Aryan Alidadi, Veolia Water Technologies and Solutions
- 12:15 p.m. LUNCH
- 1:15 p.m. "Harnessing Web Tools and Visualizations for Resilience to Sea Level Rise and Coastal Flood Risks," Dan Rizza, Director, Program on Sea Level Rise, Climate Central
- 2:00 p.m. "Disinfection Using Microwave-Enhanced Reactive Air Filtration System," Wen Zhang, PhD, PE, BCEE, Professor New Jersey Institute of Technology
- 2:45 p.m. BREAK
- 3:00 p.m. "PONCH-H2O - Advanced Wastewater Resource Recovery for Enhanced Nitrogen-Nitrate and Carbon Reduction at WRRFs," Edward Weinberg, PE, President, ESSRE Consulting

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## Sustainability and Resiliency 2025

(1:30 p.m. to 4:30 p.m.) (TCH Hours: 3 W&WW)  
NJDEP No. 03-032511-30  
CPWM No. NJWEA-DLGS-1411 Tech. 3 Hrs.  
NYPE 3; NJPE 3

**Moderator:** Joseph Polomene, PE, Associate,  
Sherwood Logan & Associates  
Roseann Pettrow, GA Fleet Associates

- 1:30 p.m. "Sustainability in a Permanent and Mitigation Works FEMA Funded Recovery Project, the Case Study of Santa Isabel WWTP Rehabilitation," Hans Figueroa, PE, Water & Resiliency Practice Leader, CSA Group
- 2:30 p.m. "Water Sustainability," John Rydzewski, PE, Private Sector Group Sustainability Lead, Vice President, Carollo Engineers
- 3:00 p.m. "Decarbonizing Public Infrastructure Projects," Steven Eget, PE, Senior Vice President, WSP, USA and Angelo Elmi, Principal Engineer, MTA Construction & Development
- 3:30 p.m. "How RNG Can Help Utilities Meet Sustainability Objectives without Breaking the Bank," Tyler Dougherty, PE, Senior Engineer/Associate, Carollo Engineers
- 4:00 p.m. "The Mobile Organic Biofilm (MOB) Process: A Sustainable Domestically Sourced Solution for Wastewater Treatment Intensification and Secondary Sludge Settability Challenges," Erik Anderson, Biological Process Engineer

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## Instructors' Workshop

(1:30 p.m. to 3:00 p.m.)

**Moderators:** Joseph Bonaccorso, NJDEP Advisory Committee  
Christian Hoffman, Chairman,  
NJWEA Education Committee

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## Exhibit Area Presentation - Aging Pump Stations

(2:00 p.m. to 4:00 p.m.) (TCH Hours: 2 W&WW)  
NJDEP 03-032512-30  
CPWM No. NJWEA-DLGS-1412 Tech.: 2 Hrs.

**Moderators:** John Corkery, Independent Consultant,  
PSI Process  
Ryan Booth, PSI Process

- 2:00 p.m. "Informing Decisions on Replacing Aging Pumping Stations Equipment: The Why, What and How," Nick Pietrefesa, Engineered Sales, PSI Process and Sean Paratore, Engineered Sales, PSI Process

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## Innovative Technology Forum 2025

(2:00 p.m. to 4:00 p.m.) (TCH Hours: 2 WW&W)  
NJDEP No. 03-032513-30  
CPWM No. NJWEA-DLGS-1413 Tech. 2 Hrs.  
NYPE 2; NJPE 2

**Moderators:** Stephen Rozewski, President,  
Metro NY Environmental LLC  
Louis C. Lambe, Industrial Pretreatment Program/  
GIS Engineer, Passaic Valley Sewerage Commission

2:00 p.m. "Meeting Effluent Requirements While Producing Less Sludge with a Multi-Stage Activated Biofilm Process," Bryen Woo, Business Development Director, Aquarius Technologies LLC

## Tuesday, May 6, 2025

- 2:30 p.m. "An Innovative Trickling Filter System for Wet Weather Flow Storage and Enhanced Nitrification," Julia Zhu, Product Line Manager, Brentwood Industries
- 3:00 p.m. "Sample Draw Gas Detection Systems," Ryan Budinger, Territory Sales Manager, MSA Safety
- 3:30 p.m. "Innovative Technologies to Improve Performance and Reliability in Rectangular Clarifiers," Ken Fuller, Manager, Sales and Engineering, Guardian Environmental Products

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## Wednesday, May 7, 2025

### The 40th Annual Peter A. Nese Prayer Breakfast

(7:15 a.m. to 8:30 a.m.)  
(See Page 18 for more information)

- 7:15 a.m. "Be Still and Know that I am God," Regina Nese-Santos

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### Student Session

(8:30 a.m. to 4:30 p.m.)

**Moderators:** Brian Carey, PE, Pequannock, Lincoln Park & Fairfield Sewerage Authority (TBSA)  
Steven Yergeau, PhD, Rutgers Cooperative Extension (RCE)  
Jennifer Marques, Passaic Valley Sewerage Commission

- 8:30 a.m. Student and YP Meet and Greet, Coffee and Danish and Review Scavenger Hunt Details
- 9:00 a.m. NJWEA Update, Francis Bonaccorso, NJWEA President Elect
- 9:30 a.m. Federation Address, Aimee Killeen, WEF Immediate Past President
- 9:45 a.m. Student Scholarship Awards Program, Steven Yergeau, PhD, Rutgers Cooperative Extension and Peter Strom, PhD, Rutgers University
- 10:00 a.m. Plenary Session and Keynote Speaker
- 11:00 a.m. Poster Session - Set-Up, Q&A with Attendees
- 12:00 p.m. Lunch / Exhibit Hall Tour
- 2:00 p.m. Student/YP Program Session Welcome
- 2:15 p.m. Presentation of NJWEA Water Resources Awards to five regional high school science fair winners. Science fair entrants can enter the WEF Stockholm Junior Water Prize Competition. The NJ State Winner will be named and sent to the annual national competition - Jennifer Marques, Passaic Valley Sewerage Commission, NJWEA Public Education Committee Chair and Tom Meholc, NJWEA Public Education Committee Vice-Chair, WEF/SJWP: NJ State Organizer
- 3:00 p.m. Presentation of Essay Contest Winners from middle schools (7th and 8th grade) throughout NJ who have learned about community infrastructure and the process of water and wastewater treatment - Robert Fischer, PS&S Engineering, NJWEA Awards Committee

## Wednesday, May 7, 2025

- 3:30 p.m. Poster Competition Awards, Steven Yergeau, PhD, Rutgers Cooperative Extension
- 3:45 p.m. Closing Remarks, Brian Carey, TBSA and Steven Yergeau, PhD, Rutgers Cooperative Extension
- 4:00 p.m. Student and Young Professionals Reception

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### Maintenance Workshop Spring 2025

(9:00 a.m. to 4:00 p.m.) (TCH Hours: 5 W&WW)  
NJDEP No. 03-032514-30  
CPWM No. NJWEA-DLGS-1414 Tech. 5 Hrs.

- Moderators:** Roman Wisniewski, Consultant, Grignard Company  
Andrew Stein, President, Affinity Pumps LLC  
Mike Maffia, Asst. Maintenance Manager, Joint Meeting of Essex and Union Counties
- 9:00 a.m. "Selecting the Proper Pipe Camera for Inspections," Walter Jenness, President, TriState Environmental LLC
  - 9:45 a.m. "Valve Maintenance and Selection," Ray Virgens, Sales Engineer, Tek Sales/DeZurik
  - 10:30 a.m. "Proper Gasket Selection and Application," Chris Morris, Sales Engineer (Eastern US), Teadit Group
  - 11:15 a.m. "Understanding Electrical Apparatus and Equipment for the Wastewater Environment," Adrian Gubby, Electrical Representative, Eaton Corporation
  - 12:00 p.m. LUNCH
  - 2:00 p.m. "Small Chemical Pumps: Selection, Operation and Maintenance," Robert Kluck, PE, CEM, CAP, and Mark Hewes Sales Engineer, AccentPDIR
  - 2:40 p.m. "Biogas Generators Selection and Service," Frank Scalise, Sales Manager (CHP), Kraft Power Corp.
  - 3:20 p.m. "Pipe and Process Equipment-Epoxy Repairs," Jeff Finley, VP of Sales, Engineered Resin Solutions (ERS)

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### Plenary Session - 2025

(9:00 a.m. to 12:00 p.m.) (TCH Hours: 2 W&WW)  
NJDEP No. 03-032515-30  
CPWM No. NJWEA-DLGS-1415 Gov. 2 Hrs.

- Moderators:** Francis Bonaccorso, NJWEA President  
Robert C. Fischer, Senior Director, PS&S  
James F. Cosgrove, Jr, PE, Principal, OneWater Consulting, LLC
- 9:00 a.m. NJWEA Update, Francis J. Bonaccorso, NJWEA President
  - 9:30 a.m. Federation Address, Aimee Killeen, Immediate Past President
  - 9:45 a.m. "Student Scholarship Awards Program," Peter Strom, PhD, NJWEA Scholarship Committee Chair, Dept. of Environmental Sciences, Rutgers University and Steven Yergeau, PhD

### Regulatory Keynotes

- 10:00 a.m. EPA Deputy Regional Administrator, Alyssa Arcaya, USEPA Region 2
- 10:30 a.m. NJDEP Director of Division of Water Quality, Susan Rosenwinkel
- 11:00 a.m. DRBC Executive Director Kristen Kavanagh
- 11:30 a.m. Q&A Session - People who have questions for NJDEP Director of Division of Water Quality Susan Rosenwinkel, Deputy Regional Administrator Alyssa Arcaya or Executive Director Kristen Kavanagh are encouraged to contact James Cosgrove (jcosgrove@onewaternj.com) to reserve the opportunity to ask it or to have it asked anonymously during the Q&A session.

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## Professional Engineer's Program Spring 2025

(1:00 p.m. to 4:00 p.m.) (TCH Hours: 3 W&WW)

NJDEP No. 03-032516-30

CPWM No. NJWEA-DLGS-1416 Tech. 3 Hrs.

NYPE 3; NJPE 3

**Moderators:** Manuel Ponte, PE, Principal Engineer,  
R3M Engineering Inc.

Thomas A. Laustsen, PE, BCEE, PMP,  
Chief Operating Officer,  
Passaic Valley Sewerage Commission

Colin Ferguson, PE, Principal Engineer, Kleinfelder

1:00 p.m. "Cybersecurity and the Human Asset," Daniel Capano, Construction Manager, Gannett Fleming Engineers and Architects

1:30 p.m. "Wet Weather Treatment Together with Phosphorus Removal, Syracuse's Success Story Along with Learning New Operating Strategies and Lessons," Christopher Martin, PE, Principal, GHD and David Snyder, PE, Deputy Commissioner, Onondaga County Water Environment Protection

2:00 p.m. "Preserving the Environment and Minimizing Public Impacts: TRWRA Pleasure Bay Interceptor Shafts and Tunnel Crossing Construction," William Gettings, PE, BCEE, Associate Vice President, Hazen and Sawyer and Darren DiConstanzi, Associate, Hazen and Sawyer

2:30 p.m. "Attached Growth Processes for Improving Plant Performance and Reducing Construction Cost," David J. Silverman, PE, Manager, Process Solutions, PSI Process

3:15 p.m. "I-Bank Program and Financing Changes Coming in SFY2026," Charles Jenkins Assistant Director, New Jersey Department of Environmental Protection (NJDEP) Water Resource Management, Municipal Finance and Construction Element and George Rolon, Chief Operating Officer, New Jersey Infrastructure Bank (NJIB)

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## Instrumentation and Controls

(1:00 p.m. to 5:00 p.m.) (TCH Hours: 4 W&WW)

NJDEP No. 03-032517-30

CPWM No. NJWEA-DLGS-1417 Tech. 4 Hrs.

NYPE 4; NJPE 4

**Moderator:** Michael A. Roy, PE, Executive Director,  
Old Bridge MUA

1:00 p.m. "Buck the Traditional and Jump Into the Cloud," Nicholas Ilaria, Business Development Manager, STREATMETRIC

2:00 P.M. "It's 2:00 p.m. Do you Know Where Your Pipes Are? OBMUA GIS Does! The Geographical Information System (GIS) that Saves More than Money," Katherine Foster, Engineer, R3M Engineering, Inc. and William Stefanelli, Deputy Superintendent, Old Bridge Municipal Utilities Authority

3:00 p.m. "Designing a More Reliable Collection System Using Proper Instrumentation and Controls," Denis O. Rehse, Process Sales, PSI Process Equipment

4:00 p.m. "Advanced Technologies in Variable Speed Electro-Mechanical Actuators, Improving Reliability, Control Capability and Valve Adaptation," William Richardson, President, Raritan Valve and Automation

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## Industrial Wastewater Management Session

(1:00 p.m. to 5:00 p.m.) (TCH Hours: 4 WW)

NJDEP No. 03-032518-20

CPWM No. NJWEA-DLGS-1418 Tech. 3 Hrs., Gov. 1 Hr.

NYPE 3; NJPE 4

**Moderators:** Maria Bausch, PE, Principal Engineer  
Water/Wastewater, CDM Smith

Natalie Pisarcik,  
Industrial Pretreatment Coordinator,  
Rockaway Valley Regional Sewerage Authority

1:00 p.m. "Overview of the Division of Water Quality," Jennifer Feltis Cortese, Executive Assistant, Director's Office, NJDEP and Christine Enright, Executive Assistant, Water Pollution Management Element, NJDEP

1:45 p.m. "Division of Water Quality's PFAS Strategy," Bennett Moss, Environmental Specialist 2, NJDEP

2:15 p.m. "PFAS Treatment and Destruction Methods and Challenges: An Update," George Federico, Technical Director, Theia LLC

3:30 p.m. "Separation, Destruction and Absorption of PFAS Compounds from Liquid Waste Streams," David Silverman, PE, Manager, Process Solutions

4:30 p.m. "Managing Unintended Consequences: Mitigating Disinfection By-Product Formation via Modified Disinfection Chemistry," Audrey Karl, Environmental Engineer, CDM Smith

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## Issues of Emerging Concern Spring 2025

(1:00 p.m. to 5:00 p.m.) (TCH Hours: 4 W&WW)

NJDEP No. 03-032519-30

CPWM No. NJWEA-DLGS-1419 Tech. 4 Hrs.

NYPE 3; NJPE 4

**Moderator:** Adam T. Minichelli, PE, PMP, Project Manager,  
CDM Smith, Inc.

1:00 p.m. "Per- and Polyfluoroalkyl Substances (PFAS) Contamination in Atlantic City Reservoir and Connected Streams in New Jersey," Thivanka Ariyaratna, PhD, Department of Environmental Science, Rowan University

1:30 p.m. "PFAS Treatment Technologies," J. Margaret Gray, Vice President/Principal, Mott MacDonald

2:00 p.m. "How Artificial Intelligence Can Enhance Asset Management," Steven Sausser, P.E., PMP, Project Manager, CDM Smith, Inc. and John C. Helwig, Management Specialist, CDM Smith, Inc.

3:00 p.m. "Lead Service Line Replacements - A Case Study in Data Management, Private Property Access and Customer Complaint Resolution," Stephanie Cuthbert, Principal, Executive Vice President of Water/Wastewater, Remington and Vernick Engineers

3:30 p.m. "The LCR, LCRI and the Work of Making Unknowns Known and the Use of Electrical Resistance to Do this Quickly," Mike App, Executive Vice President, Electro Scan, Inc.

4:00 p.m. "A New ALL-IN-ONE Approach to Sewer Security - Network Visibility, Performance and Forecasting, Through Smart Machine-Learning Analytics," Michael Ciacciarella, District Sales Manager, Grundfos

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## Wednesday, May 7, 2025

### Exhibit Area Presentation – Peristaltic Pumps and Gas Detection

(2:15 p.m. to 3:15 p.m.) (TCH Hours: 1 W&WW)

NJDEP No. 03-032520-30

CPWM No. NJWEA-DLGS-1420 Tech. 1 Hr.

**Moderators:** Chuck Royer, Dir. Of Business Development, Dave Heiner Associates, Inc.  
Roseann Pettrow, Sales Representative, G.A. Fleet/Fleet Pump, Inc.

2:15 p.m. "Peristaltic Pumps Operation, Application and Maintenance," David Miller, Outside Sales Specialist, Dave Heiner Associates, Inc. – The application, requirements, advantages and engineering of peristaltic pump systems will be covered.

2:45 p.m. "Gas Detection Principles and Safety," Chuck Royer, Dir. Of Business Development, Dave Heiner Associates Inc. – Measurement techniques, applications, sensor locations and maintenance will be covered.

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### Ethics Considerations for Engineers

(4:30 p.m. to 6:30 p.m.) (TCH Hours: 2 W&WW)

NJDEP No. 03-032321-30

CPWM No. NJWEA-DLGS-1302 Ethics 2 Hrs.

NYPE 2; NJPE 2

**Moderator:** Thomas A. Laustsen, PE, BCEE, PMP, Chief Operating Officer, Passaic Valley Sewerage Commission

**Instructor:** Michael D. Witt, Esquire, General Counsel, Passaic Valley Sewerage Commission

Whether employed directly by a public entity or through a firm that provides engineering services to one local government, engineers must be aware of ethical issues that can affect both the individual and the client. This seminar will explore the local government ethics law covering engineers and tips and strategies for complying with that law. Covered topics will include:

- Standards of Conduct
- Improper Benefits
- Financial Disclosure
- Conflicts of Interest
- Official Misconduct
- Penalties for Violations
- Determining when a Conflict Exists and more....!

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### Sludge Bowl Karaoke in the Eden Lounge at Harrah's Resort

(9:00 p.m. to ???)

(See Page 19)

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## Thursday, May 8, 2025

### CSOs: Implementing LTCPs 2025 Update

**Part I:** NJDEP No. 03-032521-20 (TCH Hours: 3 WW)  
CPWM No. NJWEA-DLGS-1421 Tech. 2 Hrs., Gov. 1Hr  
NYPE 2; NJPE 3

**Part II:** NJDEP No. 03-032522-20 (TCH Hours: 3 WW)  
CPWM No. NJWEA-DLGS-1422 Tech. 3 Hrs.  
NYPE 3; NJPE 3

**(PART I: 8:00 a.m. to 11:00 a.m.)**

**Moderators:** Siying Wang, PE, Jacobs  
Stewart Fiskens, Jacobs

8:00 a.m. "NJDEP Combined Sewer Overflow Program Update 2025," Joseph Mannick, Section Chief, BSWPP, NJDEP and Dwayne Kobesky, Supervisor, NJDEP

8:30 a.m. "SOLID AS A ROCK - Silicon Carbide Membranes for Increased Life, Higher Capacity and Lower Maintenance Costs," Martin Swanson, Ovivo

9:00 a.m. "Advanced Monitoring Solutions for Water and Wastewater," John Dougherty, Core and Main

9:30 a.m. "Spatial Distribution and Retention of Tire and Road Wear Particles and Microplastics in an Urban Stream," Sampri Roy, Universite Gustave Eiffel

10:00 a.m. "PFAS Residuals Management and Pending Regulations – A survey of the sources, treatment process flows and residuals handling methods for both drinking water and wastewater. Review of both current practices and a look-ahead to managing solid waste streams in light of pending regulations." Patricia Lopes, PVSC Director of Process Control Engineering and Regulatory Compliance and Christopher Weiss, PE, Wastewater Discipline Director, H2M Architects + Engineers

**(PART II: 1:00 p.m. to 4:00 p.m.)**

**Moderators:** Sheldon Lipke, PE, Principal Consultant, SJL Consulting

Marques Eley, PE, Sr. Engineer, Passaic Valley Sewerage Commission

1:00 p.m. "Ohio River Tunnel Project Design Considerations for CSO Diversion, Regulation, Drop Shaft and Outfalls at the Existing O-27 Outfall Site, ALCOSAN," Zhengqi Cai, Senior Vice President, Mott MacDonald

1:30 p.m. "Get Your Mind in the Gutter: Overcoming Planning and Design Challenges of a CSO Retention Tank," Jeffrey Arnesman, Water/Wastewater EIT, HDR, Inc. and Hayley Bundz, Hydraulic Modeler, HDR, Inc.

2:00 p.m. "The CCMUA LTCP - From Legacy Problems to Today's Regulations to Tomorrow's Wet Weather," Scott Schreiber, Executive Director, Camden County Municipal Utilities Authority

2:30 p.m. "All in One - Integrated Compound Flood Modeling," Rahul Parab, PE, DWRE, CFM, Associate Vice President, Dewberry and David Bedoya, PE, PhD, ENV SP, Market Segment Leader, Dewberry

3:00 p.m. "Advanced Primary Treatment with Cloth Media for Operational Savings, Increased Biogas and Wet Weather Treatment," Vedansh Gupta, Product Manager, Aqua-Aerobic Systems, Inc.

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Safety Workshop Spring 2025

(8:30 a.m. to 2:00 p.m.) (TCH Hours: 4.0 Safety)
NJDEP No. 03-032523-31
CPWM No. NJWEA-DLGS-1423 Tech.: 4 Hrs.

Moderators: Frank Dykas, New Jersey Safety Services LLC, Chairman, NJWEA Safety Committee
Harry Ladisheff, Bayshore RSA, NJWEA Safety Committee Vice Chair
Rick Stafford, Resin Solutions, NJWEA Safety Committee Member

8:30 a.m. "Emergency Response/Incident Command System," Anthony Correia, NJ Safety Services LLC, NJWEA Safety Committee Member
Dealing with emergencies is almost a daily occurrence and they may seem routine but understanding where to turn when things get out of hand is extremely important. The course will help people understand when and how to summon outside resources and the hierarchy of the Incident Command System.

10:00 a.m. BREAK

10:15 a.m. "Electrical Safety/ARC Flash," NJWEA Safety Committee Members
Understanding how to deal with electrical power is critical to everyone tasked with maintaining equipment and facilities. The course will provide an understanding of electric power and the dangers posed when procedures are not understood and followed. The course will cover OSHA, 1910-269 and NFPA 70E ARC Flash.

11:45 a.m. LUNCH

1:00 p.m. "Hearing Conservation," Anthony Correia, NJ Safety Services LLC, NJWEA Safety Committee Member and Frank Dykas, NJ Safety Services, LLC
Exposure to occupational noise levels can have a prolonged effect on maintaining your hearing in later years. Exposure to high levels of noise can cause temporary or permanent hearing loss, which may never return. The course will provide an understanding of how hearing loss occurs and ways to minimize or eliminate noise exposure in the workplace and home.

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Joint MABA/NJWEA Biosolids Workshop

(8:30 a.m. to 4:00 p.m.) (TCH Hours: 5.5 WW)
NJDEP No. 03-032524-20
CPWM No. NJWEA-DLGS-1424 Tech. 5.5 Hrs.
NYPE 4; NJPE 5

Moderators: Jay Surti, PE, Wastewater Treatment and Recycling Service Line Leader, GHD
Thomas Laustsen, PE, Chief Operating Officer, Passaic Valley Sewerage Commission
Paul Knowles, PhD, PE, ENV SP, LEED GA, Senior Associate, Hazen and Sawyer

8:30 a.m. "Residuals in New Jersey: An Update," Patrick R. Brown, Supervisor - Residuals Unit, Bureau of Ground Water, Residuals and Permit Administration, NJDEP

9:00 a.m. "Best Biosolids Management Concept: We Can Share It with You," Magdalena Gasior, PE, Project Manager, TYLIN and Jay Lovelass, PE, Technical Advisor, TYLin

9:30 a.m. "A Roadmap for Navigating Biosolids Disposal Challenges at SESD Through Application of Existing and Emerging Technologies," Nicholas Avila, Water/Wastewater Designer, AECOM

10:00 a.m. "A Well-Mixed Anaerobic Digester is a Happy Digester," David Caton, East Region Sales Manager - Municipal, Hayward Gordon Pumps and Mixers

10:30 a.m. "Addressing Capacity, Safety and the Future When Your Current Process Dies," Rudy Kilian, PE, PMP, Chief Technologist, Carollo Engineers

11:00 a.m. BREAK

1:00 p.m. "Transforming Wastewater into Resources: Insights from Co-Digestion of Biosolids and Organics from a Northern City," Scott McKay, Senior Advisor, Fournier Industries, Inc.

1:30 p.m. "Double Your Cake Solids in Under 2 Minutes with Elode Technology," Christopher Boyd, Director of Sales, Charter Machine Company

2:00 p.m. "Comprehensive Review of Advanced Drying Technologies for Sustainable, Scalable and Efficient Biosolids Management," Karthik Manchala, PE, Technical Director, GHD and Jay Surti, PE, Wastewater Treatment and Recycling Service Line Leader, GHD

2:30 p.m. "Lessons Learned from the First Full-Scale PFAS Air Testing and Tracking in a Gasification Facility," Mohammad Abu-Orf, PhD, Biosolids Practice Leader, Hazen and Sawyer

3:00 p.m. "Siloxanes in Producer Gas," Philip Pedros, PhD, PE, BCEE, Vice President, Mott-MacDonald

3:30 p.m. "Biosolids Working Group Updates," Paul Knowles, PhD, PE, ENV SP, LEED GA Senior Associate, Hazen and Sawyer and Thomas Laustsen, PE, Chief Operating Officer, Passaic Valley Sewerage Commission

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## Collection System Operators' Workshop Spring 2025

(8:45 a.m. to 4:00 p.m.) (TCH Hours: 5 WW)

NJDEP No. 03-032525-20

CPWM No. NJWEA-DLGS-1425 Tech. 5

**Moderators:** Robert Snyder, Executive Director, PARSA

Basil D'Armiento, CDM Smith

- 8:45 a.m. Introduction to Program and Collection System Committee Updates
- 9:00 a.m. "Buying the Right Equipment to do Your Job Safely and Efficiently vs. Buying the Wrong Thing Like They did in the Past," Brendan Tobin, Government Sales Manager, Gabrielli Truck Sales
- 10:00 a.m. "Sewer Cleaning Safety; Use the Right Nozzle for the Job," Walter Jenness, President, Tri State Environmental Services LLC
- 11:00 a.m. BREAK
- 1:00 p.m. "Lift Station Innovation – PARSA Dunellen Moves from Pneumatic Ejector to In-Line Pumps," Rebecca Turner, Regional Sales Manager, Industrial Flow Solutions
- 2:00 p.m. "Voorhis Lift Station Construction and Start-Up Challenges," Kristin Weaton, PE, City Engineer, City of Hackensack
- 2:30 p.m. "Using Elbow Grease for the Emergency Structural Repair of Pump Suction Elbows," James Hankins, Project Manager, Remington & Vernick Engineers
- 3:00 p.m. "How Bad is It – Ranking and Analyzing Commonly Encountered Treatment Plant Corrosion Environments," Steve Freed, PE, Regional Manager, Induron Protective Coatings
- Alternate "Vacuum Sewer 101," Noah Eaton, Midwest/Northeast Territory Manager, Airvac, Inc.

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## Industrial Wastewater Operator Workshop Spring 2025

(9:00 a.m. to 4:00 p.m.) (TCH Hours: 5 WW)

NJDEP No. 03-032526-20

CPWM No. NJWEA-DLGS-1426 Tech. 5 Hrs.

**Moderators:** Adewale Akinokun, Industrial Pretreatment/Laboratory Manager, Joint Meeting of Essex and Union Counties

Lance Salerno, Managing Principal, O&M Consultant, Brown and Caldwell

- 9:00 a.m. "Monitoring, Maintaining and Troubleshooting in Nitrifying Systems," Rebecca Mercante, Laboratory Specialist, Environmental Business Specialists
- 10:00 a.m. "Sanitary Sewer System GIS Mobile Field Inspection and Collection Workflows," Suzanne Zitzman, Sr. Principal/GIS Division Leader, Colliers Engineering and Design
- 10:30 a.m. "Flow Cytometry: Assessing Health and Metabolism of Heterotrophic Bacteria in Activated Sludge," Madeline Dupuy, Microbiology Specialist, Environmental Business Specialists
- 11:00 a.m. BREAK
- 1:00 p.m. "Clarifier Optimization Using Sludge Blanket Filtration and Online Monitoring in Real-Time: A Proven Game Changer for Secondary Clarifier Performance," Todd Latchaw, Municipal Sales Director-USA and Canada, Passavant-Geiger, a Brand of Aqseptence Group
- 2:00 p.m. "Operator Math Workshop: Staying on Track," Lance Mason, Sr. Principal O&M Consultant, Brown and Caldwell

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## Nutrient Removal

**Part I:** NJDEP No. 03-032527-20 (TCH Hours: 2 WW)  
CPWM No. NJWEA-DLGS-1427 Tech. 2 Hrs.  
NYPE 2; NJPE 2

**Part II:** NJDEP No. 03-032528-20 (TCH Hours: 3 WW)  
CPWM No. NJWEA-DLGS-1428 Tech. 3 Hrs.  
NYPE 3; NJPE 3

**(PART I: 9:00 a.m. to 11:00 a.m.)**

**Moderators:** Gabrielle Moore, PE,

Passaic Valley Sewerage Commission  
Lavanya Ramasubramanian, PE, DELCORA

- 9:00 a.m. "Optimize Your Plant Capacity and BNR with Intensification," Sherri Caneer, Regional Sales Manager, World Water Works, Inc.
- 9:30 a.m. "Supplemental Alkalinity for Optimal Nitrification - A Comparative Look at Treatment Options in Biological WWTPs," Joe McDaniel, Market Development and Innovation Manager - Water, OMYA, Inc.
- 10:30 a.m. "Integration of New Tertiary Treatment Processes at an Active Wastewater Treatment Plant for Enhanced Phosphorus Removal," Christopher Wohlleb, Senior Project Manager, Mott MacDonald
- 11:00 a.m. BREAK

**(PART II: 1:00 p.m. to 4:00 p.m.)**

- 1:00 p.m. "Navigating Future Nutrient Limits: Road-Mapping to Inform Capital Planning," Scott Schreiber, Executive Director, Camden County MUA and Sarah Galst, Vice President, Hazen and Sawyer
- 1:30 p.m. "Aeration, It Is Not Just Disc Diffusers Anymore," Gregory Roppelt, Regional Sales Manager, EDI/Nexom
- 2:15 p.m. "Activated Sludge Dynamic Filter Achieves Quality Effluent in Small Footprint," Richard Liebhaber, Business Development Manager, Evoqua/Xylem
- 2:45 p.m. "Update on the Commissioning of the Largest Tertiary CoMag Ballasted Flocculation Process in the US," Pamela Westgate, PE, Principal Engineer, Kleinfelder
- 3:15 p.m. "Screenless IFAS System Eliminates Media Loss and Reduced O&M Costs for the City of Peterborough," Lauren Takitch, Engineering Manager, ENTEX Technologies

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## Exhibit Area Presentation – Turnkey Lift Station

(11:30 a.m. to 12:30 p.m.) (TCH Hours: 1 WW)

NJDEP No. 03-032529-20

CPWM No. NJWEA-DLGS-1429 Tech. 1 Hr.

**Moderators:** Chuck Royer, Sales Representative,  
Dave Heiner Associates, Inc.

Roseann Pettrow, Sales Representative,  
G.A. Fleet Associates

- 11:30 a.m. "Turnkey Lift Stations, Sizing and Selecting Pumps, Basins and Controls," Chase Wurtsmith, EIT, Applications Engineer, Zoeller Engineered Products

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## Grand Finale Reception

(7:00 p.m. to ???)

See Page 4 for more information

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## Friday, May 9, 2025

### Closing Session/Breakfast Buffet

(9:00 a.m.)



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# GET INVOLVED WITH THE NJWEA!



Joining a committee is a good way to advance your knowledge and to share your experience with others.

On the right is a list of NJWEA's Technical and Educational Committees.

The Technical group of committees allows members with special expertise in a particular area of interest to join together to bring focus to the issues and to develop public education and training programs specific to the topic.

For more information, use the contact information provided for the Committee Chairs on the list.

Committee	Chair	Email
Biosolids & Energy	Jay Surti, P.E.	jay.surti@ghd.com
Collections Systems	Louis Lambe	llambe@pvsc.com
DRBC Tech Advisory	Christopher Jepson	cjepson@vcea.org
Education & Training	Christopher Hoffman	choffmanjr@aol.com
GIS/Asset Management	Brian Brach	brian.brach@mrrsa.org
Industrial Environmental Quality	Natalie Pisarcik	nataliep@rvrsa.org
Information Technology	Jim De Block	jdeblock@njwea.org
Laboratory	Jennifer Marques	jmarques@pvsc.com
Legislative Analysis	Dennis Palmer	dpalmer3011@gmail.com
Library and Archives	Tom Greci	tg-ecm@att.net
Membership	Brian Valliere	bvalliere@mendhamnj.org
Mini Workshops	Carrie-Anne Lyons	clyons@lyonsenvironmental.com
Operations Challenge	Keith Wagner	wagnerkc@cmcmua.com
Professional Engineers	Jim Wancho	jwancho@psands.com
Program	Michael Hope	mhope@greeley-hansen.com
Publications	Greg Burde	gregory.burde@tctechllc.com
Public Education	Jennifer Marques	jmarques@pvsc.com
Safety	Frank Dykas	njsafetyervicesllc@gmail.com
Seminar & Technology Transfer	Christopher Pabst	cpabst@jmeuc.com
Co-Chair	Joanne Mancuso	aacomancuso@gmail.com
Stormwater	Nicole Joy	njoy@kleinfelder.com
Young Professionals	Brian Carey	brian.carey96@gmail.com

## New Jersey & New York Professional Engineers

The New Jersey Water Environment Association (NJWEA) is an approved provider by the New Jersey State Board of Professional Engineers and Land Surveyors and the New York State Board for Engineering and Land Surveying for offering continuing professional competency credits (CPCC) for Professional Engineers that are licensed in those states. The NJWEA believes that certain courses we offer will meet the respective Board's requirements for CPCC because of the review process and administrative controls we have that each proposed course must go through before being offered to Professional Engineers. These courses include "NJPE" and/or "NYPE" in the course description. However, all issues that may arise on the acceptability of a course will be between the individual and the Board. The Professional Engineer should retain the program book and his/her certificates received after the completion of the technical sessions issued by the NJWEA. The NJWEA will continue to maintain records of the courses offered and the names of attendees satisfactorily completing the courses.

## Pennsylvania Professional Engineers

The New Jersey Water Environment Association (NJWEA) currently offers continuing professional competency credits (CPCC) for Professional Engineers that are licensed in New Jersey and/or New York. We believe these and many of our other courses also meet the CPCC requirements of a Professional Engineer that is licensed in Pennsylvania. The Pennsylvania State Board of Professional Engineers, Land Surveyors and Geologists (the Board) do not approve courses in advance. However, certain technical sessions provided by the NJWEA should meet the Board's requirements for CPCC if the Professional Engineer retains the program book and his/her certificates received after the completion of the technical sessions issued by the NJWEA. However, all issues that may arise on the acceptability of a course will be between the individual and the Board. NJWEA will continue to maintain records of the courses offered and the names of attendees satisfactorily completing the courses

## NJWEA Registration Policy Changes

For close to 20 years, the NJWEA included the cost of membership in the non-member registration rates for its conference, courses and seminars. We felt, and still feel, that the overall benefit of NJWEA membership is a value-added advantage for many of us both professionally and socially. The benefit of membership is especially valuable for environmental professionals needing continuing education training credits. Many of our members with no continued education training requirements find value in NJWEA membership. For some, however, the added cost of WEF/NJWEA membership proves to be a cost burden.

With that said, the NJWEA is offering a third registration option. The new registration structure will include the two traditional rates; member rate and non-member or renewal membership rate (including the cost of WEF/NJWEA membership) options. The third option will be a non-member/no-membership required rate. That rate will be higher than the member rate, but much less than the WEF/NJWEA membership included rate.

You can choose the rate that best suits your needs; however, there are considerations outside of the cost savings alone that should be considered.

For more information regarding the considerations outside of the cost savings alone when determining which registration option to select, please contact any member of the NJWEA Executive Committee.

The choice will be yours to decide; however, in addition to the "simple math," you will have to include the intangible benefits to membership with the NJWEA.

## NJWEA PROGRAM COMMITTEE ROSTER

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Francis J. Bonaccorso, Vice Chair

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L. Ceren Aralp, PE  
Maria Bausch, PE  
Stephen Blankenship, PE  
Francis Bonaccorso  
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James De Block  
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David Vaccari  
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Roman Wisniewski  
Steven Yergeau, PhD  
Emily Zidanic

# AAEES/NJWEA Wes Eckenfelder Memorial Breakfast at the NJWEA's 110th Annual Conference

(TO REGISTER, CIRCLE THE BREAKFAST ON PAGE 3 OF THIS FLYER UNDER PRE-CONFERENCE REGISTRATION)

**Tuesday, May 6, 2025**

La Strada's Restaurant in Harrah's Resort  
7:00 a.m. - 8:15 a.m.

\$42.00/person; On-Site Cost: \$47.00/person

Harrah's Resort Buffet Includes:

Juice, Applewood Smoked Bacon, Fluffy Scrambled Eggs, Potatoes O'Brien,  
Assortment of Fresh-Baked Pastries, Muffins and Croissants,  
Coffee and Assorted Hot Tea Selections and Iced Tea

**TOPIC: FINDING VALUE TO THE INFORMATION IN SEWAGE - COVID AND BEYOND**

**CHARLES N. HAAS, DREXEL UNIVERSITY**

1 HOUR NYPE/PAPE/NJPE CREDIT & OPERATOR W/WW CEU

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## The 40th Annual Peter A. Nese Prayer Breakfast

**Wednesday, May 7, 2025**

La Strada's Restaurant in Harrah's Resort  
7:15 a.m. - 8:30 a.m.

Member's Cost: \$42.00/person; On-Site Cost: \$47.00/person

Harrah's Resort Buffet Includes:

Juice, Applewood Smoked Bacon, Fluffy Scrambled Eggs, Potatoes O'Brien,  
Assortment of Fresh-Baked Pastries, Muffins and Croissants,  
Coffee and Assorted Hot Tea Selections and Iced Tea

**TOPIC:**

**"BE STILL AND KNOW THAT I AM GOD"**

Speaker: Regina Nese-Santos

Any questions, please call

Pete Nese at (732) 887-1156 or Michael Roy at (732) 679-8565.

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## Prayer Breakfast Registration Form

(OR JUST CHECK THE BOX ON PAGE 3 UNDER THE SPECIAL EVENTS TICKETS)

PLEASE PRINT CLEARLY

**MAKE CHECK PAYABLE TO "NJWEA" AND MAIL TO:**

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

Name \_\_\_\_\_ Phone (\_\_\_\_) \_\_\_\_\_ Fax (\_\_\_\_) \_\_\_\_\_

Billing Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

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Name \_\_\_\_\_ \$42.00 X \_\_\_\_\_ = \$ \_\_\_\_\_

**TOTAL \$ \_\_\_\_\_**

Check No. \_\_\_\_\_ Credit Card No. \_\_\_\_\_

Exp. Date \_\_\_\_\_ CV2 # (The 3-digits on the signature area of the card or 4 digits on the front of the AMEX card) \_\_\_\_\_

**SIGNATURE** \_\_\_\_\_

New Jersey Water Environment Association's 110th Annual Conference  
Sunday, May 4, 2025 through Friday, May 9, 2025  
Harrah's Resort, Atlantic City, New Jersey



# Hotel Information

Harrah's does not accept purchase orders on a "direct bill" basis. All purchase orders will be signed and returned for payment in advance. The Front Desk will not accept a check at check-in time. Please refer all purchase order questions to Group Reservations (ACgroupreservations@harrahs.com).

Or you may call 888-516-2215, 8 a.m. - 2 a.m., EST, 7 days a week and mention Group Code SH05NA5. All callers will be asked for this code but can also book by saying "NJWEA 2025" or on-line at:

<https://book.passkey.com/go/SH05NA5>

Internet rates are not valid with, during or in conjunction with other Discount programs, including corporate group and junket programs. All rates are currently subject to 13.625% tax plus \$5.00 per room per night lodging fee (subject to change without notice) that may not be reflected in the total cost. Prior to confirmation, all rates are subject to change without notice and based upon limited availability. A daily resort fee (subject to applicable tax) will be added to your reservation upon check-in. The resort fee includes the following services: In-room Basic Wi-Fi each day (TWO DEVICES PER DAY), Local Calls and \$5.00 towards Self-Parking. Prior to confirmation, all rates are subject to change without notice and based upon limited availability.

## Purchase Orders for Pre-Payment

Purchase Orders are no longer accepted as a guarantee of payment and bill for rooms after event. All Purchase Orders will be accepted on a pre-paid basis only. Once your Purchase Order is received and the amount due is verified, it will be signed and returned to you for payment in advance. Payment for rooms must be received at least 15 business days prior to arrival. If your agency would like to be direct billed, please contact the hotel and the hotel will forward an application for Direct Billing to you. If a signature on the Purchase Order is required, they can be mailed:

**Harrah's Resort AC**  
777 Harrah's Blvd • Atlantic City, NJ 08401  
Attn: Linda/Paola-Front Desk  
(609) 441-5738



## NJWEA "Battle by the Bay" 2025 OPERATIONS CHALLENGE May 5 & May 6

**Come Join Us at the NJWEA 2025 Annual Conference!**

**Teams/Judges/Support Staff/Sponsors:** The NJWEA will host its 17th Operations Challenge Competition. This Competition will be held during the NJWEA's 110th Annual Conference and Exposition in Atlantic City, NJ in the Pre-function Area of Harrah's Resort. The dates for "Battle by the Bay" are May 5 and May 6, 2025. On Monday, the Process Control and Laboratory Events will take place, along with Wastewater Trivia. Tuesday, the Safety, Collections, Virtual Reality Safety and Maintenance Events will be taking place.

Information about the NJWEA "Battle by the Bay" can be found at NJWEA.org. Your support is needed again this year so as the visiting teams said, "A firm class event" can be had again in 2026. We do hope you can support the conference challenge. Stop by and show the teams your support and admiration for these hard-working men and women. Also, please acknowledge to all the Volunteers, various State Water Environment Associations and the Water Environment Federation, this event would not happen without them.

### FACTS

- Teams come from across the country and Canada.
- We have room for twelve teams.
- Registration is open on our website's home page NJWEA.org.
- Registration will be on a first come first served basis and there will be a \$75.00 Team Registration fee. Encourage your State Team to compete. As is our standard, we will try to follow the rules and regulations of the national competition to the best of our ability.

### Questions/Comments

Kathy Collinge, Battle by the Bay Coordinator  
(609) 839-2687  
katherinecollinge@landis sewerageauthority.com

## NJWEA PRESIDENT'S AWARD RECEPTION

Monday, May 5, 2025, at 5:00 p.m.

## 10th ANNUAL "GO WITH THE FLOW" 5K RUN/WALK

Tuesday Morning, May 6, 2025

The Young Professionals Committee will be hosting the 10th annual "GO WITH THE FLOW" 5K RUN/WALK on Tuesday morning, May 6, 2025, at the Art Walk at Harrah's Resort, Atlantic City, NJ. For more information and to register on-line go to:

<https://tinyurl.com/NJWEA20255K>

**No registration by mail or fax.**

## THE SLUDGE BOWL 2025

Wednesday Evening, May 7th

The Young Professionals Committee will again be hosting the "SLUDGE BOWL" at the Annual Conference in Atlantic City.

Please join us Wednesday, May 7th, at 9:00 pm in the Eden Lounge at Harrah's Resort for Karaoke, t-shirt giveaway and fellowship!

### For more info:

Contact Brian Carey at [brian.carey96@gmail.com](mailto:brian.carey96@gmail.com)

### In addition:

\*The Young Professionals' Speaker Challenge winners will be recognized on Fri., May 9th at the closing breakfast.

Contact Richard Eustace ([reustace@njwea.com](mailto:reustace@njwea.com)) if your company would like to support the student session with a prize donation.

<http://www.njwea.org> for more conference information, including the program schedule.