



**New Jersey Water
Environment Association**
James De Block, Executive Director
P.O. Box 737
Woodland Park, NJ 07424

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107th John J. (Jack) Lagrosa Annual Conference and Exposition of the New Jersey Water Environment Association



**May 9 - May 13, 2022
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.
- 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 3, 2022 or onsite Registration Rates will apply. Checks should be made payable to NJWEA in US Funds.
- All Pre-Conference Workshop and Full Conference, Non-Member/Renewals Registrations will receive One Year Active Membership in the NJWEA and WEF.
- PWO Members: Must be a hands-on operator in a STP or collection system to be eligible for PWO Membership

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
 - 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
 - Exhibit Area Sandwich Ticket for the Registration Days
 - Exhibit Area Raffle Drawings for the Registration Days
 - Special Event Tickets are not included and must be purchased separately.

PURCHASE ORDERS

- If an original signed purchased order is required, please forward both the purchase order and registration form to the Registrar.
- 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 27, 2022 or received at the NJWEA office after the close of business on May 3, 2022 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 after this date.

CREDENTIAL PICKUP & ONSITE REGISTRATION

- Pre-registration credentials pickup and on-site registration is 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 FORM – PART ONE

REGISTRANT NAME: _____ DATE: _____

COURSE SELECTION AND 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	4:15 PM	GIS and Asset Management	_____
PC-2	Tuesday	8:00 AM	5:00 PM	WEF Industrial Water Reuse Workshop	_____
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 15 of this Flyer. Most courses also qualify for PA PE continuing education (see Page 15 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	12:30 PM	2022 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	4:50 PM	Air Pollution Presentation (NY-NJ PE)	_____
6	Tuesday	1:30 PM	4:30 PM	Resiliency (NY-NJ PE)	_____
7	Tuesday	1:30 PM	4:00 PM	Instructor's Workshop	_____
8	Tuesday	2:00 PM	4:00 PM	Collection Systems and Pumps (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 - 2022	_____
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	Bar Screens Assist Pump Stations (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 LTCPs, Pt 1 (NY-NJ PE)	_____
20	Thursday	1:00 PM	4:00 PM	CSOs: Implementing LTCPs, Pt 2 (NY-NJ PE)	_____
21	Thursday	8:15AM	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	3:00 PM	Collection Operators' Workshop (JDOW)	_____
24	Thursday	9:00 AM	4:00 PM	Industrial Wastewater Oper. Workshop (JDOW)	_____
25	Thursday	9:00AM	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	BAF Platform Adapting to Trtmnt. (Exhibit Area)	_____

REGISTRATION FORM – PART TWO

THE JOHN J. LAGROSA 107th ANNUAL CONFERENCE and EXPOSITION of the NJWEA, May 9 - May 13, 2022

Complete both parts of registration form in full and mail by May 2nd. Mailings received after May 5th 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

	Member	Non-Member
• GIS and Asset Management	\$178.00	\$228.00
• WEF Industrial Workshop	\$178.00	\$222.00
• AAES Workshop	\$278.00	\$278.00
• Stormwater Workshop	\$178.00	\$228.00
• Driver Safety	\$178.00	\$228.00
• Engineering a Solution Seminar	\$ 89.00	\$139.00
• AAES/NJWEA Wes Eckenfelder Breakfast	\$ 36.00	\$ 36.00
• 8-Hr OSHA HAZWOPER Refresher	\$139.00	\$169.00
<u>Pre-Conference Registration Sub-Totals</u>	_____	_____

<u>CONFERENCE REGISTRATION</u>	Member	Non-Member
• Full Registration (See Page 1 for Description)	\$574.00	\$664.00
• One Day Registration - Tuesday Only	\$120.00	\$150.00
• One Day Registration - Wednesday Only	\$120.00	\$150.00
• One Day Registration - Thursday Only	\$120.00	\$150.00

<u>SPECIAL EVENTS TICKETS ONLY</u>	Number	Pre-Reg. Cost	Extended Amount
Monday Presidents Awards Reception	_____x	\$ 66.00 =	_____
Tuesday Evening Meet & Greet	_____x	\$112.00 =	_____
Wednesday Prayer Breakfast	_____x	\$ 36.00 =	_____
Thursday Post Conference Reception	_____x	\$ 96.00 =	_____
Friday Closing Session/Breakfast	_____x	\$ 36.00 =	_____

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: \$ 182.00

WEF PWO Member: \$ 117.00

WEF Young Professional: - \$64.00

WEF Student - \$35.00

NJWEA Associate Membership - \$55.00

Circle Your Choice

**Exhibit Area Only: No Charge for Utility and
Regulatory Staff, Circle - 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 5/2/2022. Absolutely no
refunds will be made after that date.

**ALL ONSITE REGISTRATION FEES
ARE APPROXIMATELY 30% HIGHER
THAN
PRE-REGISTRATION FEES.
Lost Badge Fee 120.00 – PER DAY**

MAKE CHECK PAYABLE TO "NJWEA" AND MAIL TO:

Casey DeBaun, Registrar NJWEA P.O. Box 737, Woodland Park, NJ 07424

Phone: (973)-239-9200 -- Fax: (973) 239-9239 -- E-Mail: cdebaun@NJWEA.ORG

REGISTRATION FORM

NJ 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 _____ CVV2 # (The 3-digits on the signature area of the card or 4 digits on the front of the AMEX card) _____

SIGNATURE _____

Spouses get together for Wine & Cheese Wed and Thurs-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 (rumpelstil@aol.com)

MEET & GREET

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 10, 2022. It's always a great way to see your old friends and meet new ones. Attire is casual, New Jersey style. Either way, slow down your pace and relax at this year's Meet & Greet Party.

THURSDAY NIGHT POST-CONFERENCE RECEPTION

Join us at Harrah's Seven Star Lounge for the Closing Reception on Thursday evening, May 12, 2022, 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.

NOT ONE, NOT TWO, BUT MULTIPLE DRAWINGS FOR iPADS - MORE INFORMATION SEE BELOW.

All Full Registration and Thursday Only Registration Conference Attendees will receive a raffle ticket for the 11:20 a.m. iPad drawing in the Exhibit Hall. Must be present to win.

"THE INFLUENCE OF EFFLUENTS" Featuring your Host Rip Wind and Lovely Co-Host Clara Fire

The game show that tests your knowledge relating to the environmental impact of effluent discharge is back! The *Influence of Effluents* will take place in the Exhibit Area on Wednesday, May 11, 2022, at 3:30 PM. This is a shout out to Manufacturers' Representatives, Consulting Engineers, Contractors or anyone desiring to compete for the Golden Spade.

Our new format started in 2017 and allows a total of six contestants. Contact Chuck Royer, CRoyer@daveheinerassoc.com, to express your interest. The Victor will receive the 2022 Golden Shovel and bragging rights. All contestants will receive lovely parting gifts.

**Then there's the SLUDGE BOWL Karaoke at the Eden Lounge at Harrah's Resort
(see Page 18)**

Wednesday, May 11, 2022 (9:00 p.m. to ???)

"NJWEA COLLEGE OF ENVIRONMENTAL KNOWLEDGE"

Visit the Exhibit Area on throughout the Conference. Come and test your knowledge of the history of the NJWEA on Tuesday, Wednesday and Thursday between 11:00 a.m. and 11:30 a.m. Winners will be entered into a raffle for an opportunity to win an iPad in a drawing that will take place in the Exhibit Hall on Thursday, May 12, 2022 at 11:30 a.m.

CONFERENCE ACTIVITIES INCLUDE

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

COMMITTEE	CHAIRPERSON
Executive	John R. Reardon, Jr.
Awards	Rocco J. Maiellano
Biosolids & Energy	Julian Chianelli - Scott Conklin
Collection Systems	Louis C. Lambe
Conference Management	Richard Eustace
Education Advisory	Chris Hoffman, P.E.
GIS/Asset Management	Brian Brach, P.E.
Industrial Environmental Quality	Maria Bausch, P.E.
Information Mgmt. & Technology	James De Block
Laboratory	Christopher Nally
Membership	Lisa Oberreiter
Operations Challenge	Timothy Fisher
Professional Engineering	James Wancho, P.E.
Program	Michael J. Hope, P.E.
Publications	Gregory Burde
Public Education	Tom Meholic
Safety	Harry E. Smith, Jr.
Scholarships Awards	Peter Strom, Ph.D.
Young Professionals	Vacant

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

MONDAY, May 9

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

TUESDAY, May 10

- 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 11

- Prayer Breakfast in Martorano's Restaurant (see Page 18)
- Coffee Breaks/Raffle in Exhibit Areas
- Lunch in Exhibit Areas
- Influence of Effluents (see above)
- Beef and Brew Reception in Exhibit Areas
- Sludge Bowl (see above and Page 17)

THURSDAY, May 12

- Coffee Breaks/Raffle in Exhibit Areas
- Exhibit Hall Reception
- NJWEA College of Environmental Knowledge (see above)
- Raffle in Exhibit Area
- Grand Finale (see above)

FRIDAY, May 13

- Breakfast Buffet - Raffle

The 45th Annual NJWEA "Golf Outing"

Date: MONDAY, May 9, 2022

Place: **BLUE HERON PINES GOLF CLUB**

550 Country Club Dr. Egg Harbor City, NJ

Tee Off: 9:00 am Shotgun Start-Scramble

Format **Carts Mandatory & Included in Fee**

Fee: \$125.00 per person

Includes: Greens Fees, Carts, Driving Range, and Barbecue Lunch following golf. Continental Breakfast at the golf course.

Sponsorship

Sponsorship of Tees and Greens will be \$100.00. Tournament sponsors will be \$150.00. Sponsorship will be assigned by order of receipt. **Contact Robert Genetelli at (201) 447-2660. (Chairman Golf Committee)**

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 at (201) 447-2660. Prizes will be awarded at lunch for the following:

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

Please Reply by April 22, 2022

Room Reservations -888-516-2215-Identify- Group Code-SH05WE2 for Harrah's Resort Group Rates

MAKE CHECKS PAYABLE TO "NJWEA" AND MAIL GOLF REGISTRATION TO:

NWBCUA, c/o Robert Genetelli, 30 Wyckoff Avenue, P.O. Box 255, Waldwick, NJ 07463 - NJ Tax ID # 22-2184162

GOLF REGISTRATION FORM

Name: _____ \$115.00 X _____ = \$ _____

Address: _____

Phone # (____) _____

I would like to sponsor a _____ \$ _____

Names in your foursome: _____ Total \$ _____

NOTE: THERE WILL BE A \$5.00 SURCHARGE FOR USE OF CREDIT CARD.

THE JEANNE DECKER SLUDGE SHOVELERS BREAKFAST

SLUDGE SHOVELERS AND GOLDEN MANHOLE LUNCH MEMBERS REGISTRATION FORM

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

I will attend (Paid Breakfast and or Lunch)

Sludge Shoveler's Breakfast – Thursday at 6:45 a.m. \$36.00 NOTE: ADD \$3.00 FOR ONSITE TICKET
PURCHASED FOR EACH EVENT

Golden Manhole Society Lunch – Tuesday at 12:00 noon \$42.00

Name: _____ Phone # (____) _____

Address: _____

Employer _____ Check # _____

____ VISA MASTERCARD Exp. Date: _____ Card Number _____

Signature: _____

MAKE CHECK PAYABLE TO "NJWEA" AND MAIL TO:

Casey DeBaun, Registrar NJWEA, P.O. Box 737, Woodland Park, NJ 07424

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

CANCELLATIONS

Cancellations must be in writing. No phone calls will be accepted. A 25% charge for cancellations made prior to 4/29/2022. Absolutely no refunds will be made after that date.

ON-SITE REGISTRATION HRS

SUN. 2:00PM – 6:00 PM
 MON. 7:30AM – 6:00 PM
 TUES. 6:45AM – 5:00 PM
 WED. 7:30AM – 4:00 PM
 THUR. 7:30AM – 12:00 NOON

NJWEA OFFICERS

John R. Reardon, Jr., President
 Jill Plesnarski, President Elect
 Francis J. Bonaccorso, Vice President
 Robert Sokolowski, Treasurer
 James De Block, Executive Director

CONFERENCE MANAGER

Richard D. Eustace

CONFERENCE VICE CHAIRS

Henry Penley
 Robert Sokolowski

EXHIBIT HOURS

TUES. 9:00 AM - 5:30 PM
 WED. 9:00 AM - 5:30 PM
 THUR. 10:00 AM - 2:00 PM

PROGRAM COMMITTEE

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

INDUSTRIAL COMMITTEE

Maria Bausch, PE, Chair

LABORATORY COMMITTEE

Christopher Nally, Chair

COLLECTION COMMITTEE

Louis C. Lambe, Chair

REGISTRATION COORDINATOR

CASEY DEBAUN
 OFFICE: (973) 239-9200
 FAX: (973)239-9239
 EMAIL: cdebaun@njwea.org

OPERATIONS CHALLENGE

Timothy Fisher, Chair
 Katherine Collinge, Spring Fling Coordinator

The NJWEA 107th John J. (Jack) Lagrosa Annual Conference and Exposition Agenda at Harrah's Resort Atlantic City in May 2022 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 16 regarding NJ and NY PE CPC Credit). Most courses also qualify for PA PE CPC Credits (see page 16 of this Flyer for more information on PA PE CPC Credit).

WEF Industrial Wastewater Treatment in Food and Beverage Industries, Stormwater Workshop, AAEEES Workshop, Air Pollution, HAZWOPER, Energy, Resiliency and much more.

MONDAY, MAY 9, 2022

NJWEA-WEF Industrial Wastewater Treatment in Food and Beverage Industries - Meeting Water Reuse Regulations

(8:00 a.m. to 5:00 p.m.) (TCH Hours: 6 WW)
 NJDEP Course No. 03-022202-20
 CPWM No. NJWEA-DLGS-1223 Tech. 6 Hrs.
 NYPE 6; NJPE 6

The Workshop will introduce fundamental concepts, approaches and technologies of wastewater/water reuse/reduction to engineers, managers and scientists. The Workshop will include discussion of key water/wastewater reuse parameters, regulations, technologies, and case studies. Professionals from Food and Beverage Industry, GHD, Geosyntec, Tetra Tech and Suez will lead the Workshop. Participants will work in groups to design a solution for an industrial park with multiple facilities. Groups will select treatment technologies, develop process flow diagrams and prepare cost estimate.

Facilitators: Brian Arntsen, Global Domain Sales Leader, SUEZ WTS

Speakers: Norton Fogel, Technical Director, GHD
 Michael Hribljan, Vice President Food and Beverage, SUEZ WTS
 Bill Bratt, Senior Process Engineer, Tetra Tech
 Brian Arntsen, Global Doman Sales Leader, SUEZ WTS
 Janet Goodfellow, Principal Engineer, Geosyntec

8:00 a.m. Welcome and Workshop Introduction
 8:15 a.m. "Water Reuse/Reduction at Your Facility," Norton Fogel, Technical Director, GHD
 9:00 a.m. "Meeting Water Reuse Regulations, Determining Quality Criteria and Risk Management for Food and Beverage," Michael Hribljan, Vice President Food and Beverage, SUEZ WTS
 10:00 a.m. BREAK
 10:30 a.m. "Industrial Water Reuse - Pretreatment Physiochemical and Biological," Brian Arntsen, SUEZ WTS
 11:15 a.m. "Developing Integrate Strategies for Water Reuse and Recycle - Case Studies," Janet Goodfellow, Principal Engineer, Geosyntec
 12:00 p.m. LUNCH
 1:30 p.m. Exercise Part I
 2:15 p.m. "Food Processor"
 3:00 p.m. BREAK
 3:30 p.m. Exercise Part II
 4:15 p.m. Exercise Presentation by Attendees

2022 GIS and Asset Management Session

(8:30 a.m. to 4:15 p.m.) (TCH Hours: 6 W&WW)
 NJDEP Course No. 03-022201-30
 CPWM No. NJWEA-DLGS-1222 Tech. 6 Hrs.
 NYPE 6; NJPE 6

Moderators: Brian J. Brach, PE, QPA, Executive Director, Manasquan River RSA
 Stephen R. Blankenship, PE, Director of Water/Wastewater, Chiru Consulting LLC
 8:30 a.m. "Manage Your Sewer Network with ArcGIS," Andrew Falker, Account Manager-Utilities and Infrastructure, Esri

9:00 a.m. "Applying GIS, Data and Technology Tools to Support Utility Asset Management," Jayson Brennen, GIS Program Manager, CDM Smith

9:30 a.m. "Computer Vision AI, Cloud Computing in Sewer Inspection: Driving Regulatory Compliance and Sound Asset Planning," Tim McGarry, Business Development Manager, SewerAI

10:00 a.m. BREAK

10:15 a.m. "Implementing an Effective Zoom Camera Program to Evaluate the Condition of Sewer Systems," James Reid, Water Resource Consultant, Arcadis and Derek Holderman, National Projects Manager, Hydromax USA

10:45 a.m. "A Roadmap to Pipeline Condition Assessment: From Start to Finish," David Tanzi, Senior Vice President, CDM Smith and Ryan Krause, Executive Director, South Monmouth RSA

11:15 a.m. "Development of Asset Management Tool for Wastewater Treatment Utilities," Jake Stengel, Graduate Research Fellow, Rowan University

12:00 p.m. LUNCH

1:00 p.m. "Fast Tracking Vertical Asset Management in Philadelphia," Nicole Brown, Associate Vice President, AECOM

1:30 p.m. "The Collection Systems Digital Twin: A Springboard for Wastewater-Based Epidemiology and Keeping Your Organization Ahead of the Digital Transformation Curve," Gregory Brazeau, Vice President of Sales, Trinnex and Greta Zornes, Water Reuse Practice Leader, CDM Smith

2:15 p.m. "Cybersecurity for the Water Sector: Legislative Initiatives Design to Improve Water Security," Mark McKinney, Director of Cyber and Physical Security, Tetra Tech

2:45 p.m. BREAK

3:00 p.m. "Cyber Threats Impacting New Jersey and Ways to Lower Risk," Krista Valenzuela, Cyber Threat Analyst, NJCCIC

3:30 p.m. SCADA Upgrade: How to Leverage the Value of the NJ M0003 Contract to Ensure Design and Implementation Success," Matt Ruth, President, Avanceon and Rob Winder, Operations Coordinator, Cape May County MUA

4:00 p.m. "Get Ready for Federal Infrastructure Funding," Zachary Green, Manager, Raftelis Financial Consultants, Inc.

Alternate: "From Paper to Progress: Fully Utilizing Your Data and Tools for the Future," Kevin Whitney, WW Regulatory Compliance Specialist, ACUA

AAEES WORKSHOP - Resilient Utility Management - Plan, Respond, Recover and Adapt

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

NJDEP Course No. 03-022203-30

CPWM No. NJWEA-DLGS-1224 Tech. 6 Hrs.

NYPE 6; NJPE 6

*The American Academy of Environmental Engineers and Scientists (AAEES) workshop will cover the topic of **resiliency in utility management** and will include presentations regarding the management of risks to minimize interruptions and ensure efficient operations for safeguarding public health*

and the environment. The National Association of Regulatory Utility Commissioners defines resiliency as robustness and recovery characteristics of utility infrastructure and operations, which avoid or minimize interruptions of service during an extraordinary and hazardous event. Criteria to assess a utility's resiliency can be further described as: Robustness - ability to absorb shocks and continue operating; Resourcefulness - ability to skillfully manage a crisis as it unfolds; Rapid Recovery - ability to restore services as soon as possible; and Adaptability - incorporate lessons learned and enhance resilience. Water and wastewater utilities today face a diverse array of risks. Some of the risk categories include climate change risks (flooding, sea level rise), aging infrastructure risks, social challenges, extreme manmade or natural events, impaired water resources (e.g. from nutrients), and power outages.

Moderators: David A. Vaccari, PhD, PE, BCEE, F.ASCE, Stevens Institute of Technology
Jay Surti, PE, Biosolids Global Practice Leader, Greeley and Hansen LLC
David A. Marabello, PE, BCEE, PMP, Principal Engineer, CDM Smith

8:45 a.m. "Planning, Design and Funding for Resilient Utilities," Carly Foster, AICP, CFM, Arcadis US Inc.

9:15 a.m. "The Times They Are-A-Changin': Preparing for Climate Change at the Philadelphia Water Department," Abby Sullivan, CFM, Philadelphia Water Department

9:45 a.m. "National Perspectives on Efforts to Enhance System Resiliency," Walter A. Walker, PE, ENV SP, Greeley and Hansen LLC

10:15 a.m. "Defining Resilience for an Electric Utility Company," Saul Rojas, New York Power Authority

10:45 a.m. BREAK

11:00 a.m. "Conducting an All Hazards Risk and Resilience Assessment for Wastewater Utilities," Sebastian Malter, CC-P, CDM Smith and Lauren Miller, CC-P, CDM Smith

12:00 p.m. LUNCH

1:00 p.m. "Projected Changes in Extreme Rainfall in New Jersey," Nicholas A. Procopio, PhD, GISP, NJDEP and Art Degaetano, PhD, Cornell University.

1:30 p.m. "System Resiliency Improvements RENEW Program," Jesse P. Horsford, PE, PMP, Middlesex Water Company

2:00 p.m. "Utility Considerations with the Proposed New Jersey Back Bays Storm Surge Barrier Systems," William E. McMillin, Jr, PE, D.WRE, Jacobs and Charles Schelpe, CEng, MICE, Jacobs

2:30 p.m. "Combatting Aging Infrastructure Risks," Ryan W. Nagel, PE, ENV SP, Hazen and Sawyer

3:00 p.m. BREAK

3:15 p.m. "Enhancing Flood Resilience at the Passaic Valley Sewerage Commission," Anthony Christopher Cerino, PE, SECB, F. SEI, DBIA, STV Engineers and Michael DeSena, Passaic Valley Sewerage Commission

Alternate 1: "Water and Wastewater Systems' Cyber Security Considerations," Russell Thomas, CISSP, Gannett Fleming

Alternate 2: "Engagement Toward Resiliency Project Implementation," Carly Foster, AICP, CFM, Arcadis US Inc.

Stormwater Workshop

(9:00 am. to 4:00 p.m.) (TCH Hours: 5.5 WW)

NJDEP Course No. 03-022204-20

CPWM No. NJWEA-DLGS-1225 Tech. 4.5 Hrs. Gov. 1 Hr.
NYPE 5; NJPE 5

Moderators: Nicole Joy, Project Engineer, Kleinfelder
Brian Friedlich, PE, Principal Engineer, Kleinfelder

9:00 a.m. "Stormwater Utilities: Investing in Infrastructure
and Water Quality," Nathan Walker, Water
Resources Planner, Gannett Fleming

9:45 a.m. "Like a Bridge Over Troubled Stormwater," Eleni
Giannikopoulos, Client Manager, Suburban
Consulting Engineers, Inc. and Diane Alexander,
Esquire, Partner at Maraziti Falcon, LLP

10:30 a.m. BREAK

10:45 a.m. "Stormwater Utilities Best Practices and Lessons
Learned," Anthony Dill, Principal Consultant,
Arcadis, US, Inc.

11:30 a.m. Panel Discussion

12:00 p.m. LUNCH

1:00 p.m. "When Plants Die in the Green Stormwater
Infrastructure...," Dr. Wei Zhang, Vice President
for Research and Development, Zynnovation LLC
and Dan Whitehead, President and CEO,
Hortsources LLC

1:45 p.m. "Tools to Address Flooding and Pollution,"
Michael L. Pisaurro, Jr., Esq., The Watershed
Institute

2:30 p.m. BREAK

2:45 p.m. "New Green Infrastructure Regulations and
Stormwater Regulatory Compliance," Brian
Friedlich, PE, Kleinfelder

3:30 p.m. "What's Permitted in the Rain? Everything!
Stormwater Permitting and Your WWTPs," Erin
Dovel, PE, Kleinfelder

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, President of Certified
Health and Safety Services, 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
onetime deal that we can do only once every three years.)

Engineering a Solution

(1:00 p.m. to 4:00 p.m.) (TCH Hours: 3.0 WW)

NJDEP Course No. 03-03-022205-20

CPWM No. NJWEA-DLGS-1226 Tech. 3 Hrs.

NYPE 3; NJPE 3

Moderators: Joseph Polomene, PE, Associate, Sherwood-
Logan & Associates

1:00 p.m. "Into the Vortex, Engineering the Future of Grit
Removal at Bay Park WPCP," Lars Augustin, PE,
Vice President, Gannett Fleming Engineers &
Architects, PC

1:45 p.m. "Value Engineering, Aeration Blower Systems",
Paul Peterson, Municipal Sales Manager, Atlas
Copco

2:30 p.m. "IFAS/MBBR Upgrades: Benefits, Challenges and
Lessons Learned," David Silverman, PE, Manager
Process Solutions, PSI Process

3:15 p.m. "Stainless Steel Media Disk Filters - Expanding
the Boundaries of Filtration Solutions," Robert
Wiley, Director of US Sales & Engineering, Nuove
Energie USA, Inc.

Alternate: "Flare Elimination Demonstration at the Port
Richmond WWRF," Joseph Polomene, PE,
Associate, Sherwood Logan & Associates

NJWEA President's Award Reception

(5:00 p.m.)

TUESDAY, MAY 10, 2022

AAEES/NJWEA Wesley Eckenfelder Memorial Breakfast

(7:00 a.m. to 8:15 a.m.) (TCH Hours: 1 W&WW)

NJDEP Course No. 03-022206-30

CPWM No. NJWEA-DLGS-1227 Tech. 1 Hr.

7:00 a.m. "Solids + Sediments = A Career in the Mud,"
Chris Uchirin, PhD, PE, Rutgers University

2022 Collection System Manager's Workshop

(8:15 a.m. to 12:30 p.m.) (TCH Hours: 3.5 WW)

NJDEP No. 03-022207-20

CPWM No. NJWEA-DLGS-1228 Tech. 3.5 Hrs.

NYPE 3; NJPE 3

Moderators: L. Ceren Aralp, PE, ENV-SP, Mott MacDonald
Louis C. Lambe, IPP/GIS Engineer, PVSC
William T. Suchodolski, PE, Director, Engineering
and Construction, Ocean County Utilities
Authority

8:15 a.m. "Introduction to Program and Collection System
Committee Updates

8:30 a.m. "Evaluation of Long and Large Diameter Force
Mains Part II," Brian Brach, PE, Manasquan River
Regional Sewerage Authority and William T.
Suchodolski, PE, Ocean County Utilities Authority

9:00 a.m. "Carteret Avenue Outfall Rehabilitation for
JCMUA," Kevin Wynn, PE, Mott MacDonald

9:30 a.m. "Design Manufacturing and Installation of
Centrifugally Cast Fiber Reinforced Pipe," John A.
Mele, HOBAS Pipe USA

10:00 a.m. BREAK

10:30 a.m. "Pump Station Rehabilitation Leads to Long-Term
Reliability Improvement and Preservation of
Assets," Thomas LaRocco, PE, Cape May County
Municipal Utilities Authority and Jeff Naumick, PE,
Hazen and Sawyer

11:00 a.m. "Bay Avenue Force Main Replacement and Lining
Project, Ocean City, NJ," Thomas LaRocco, PE,
Cape May County Municipal Utilities Authority, Ed
Dimond, PE, Buchart Horn, and Michael Pullano,
Buchart Horn

- 11:30 a.m. "Reacting to the Unpredictable - ACUA Case Study on a 30" Force Main Repair and Replacement," Matthew DeNafo, PE, Atlantic County Utilities Authority and John Conover, PE, Atlantic County Utilities Authority
- 12:00 p.m. "Inexpensive Solution to Pump Station Grease and Odors Problem," Kent Troup, Troup Environmental
- 12:30 p.m. CERTIFICATE DISTRIBUTION

Energy

(8:30 a.m. to 12:30 p.m.) (TCH Hours: 3 W&WW)

NJDEP Course No. 03-022208-30

CPWM No. NJWEA-DLGS-1229 Tech. 3 Hrs.

NYPE 3; NJPE 3

- Moderator: Joseph Polomene, Sherwin Logan
Julian Chianelli, PE, Senior Associate, Hazen and Sawyer
- 8:30 a.m. "Energy Program Update - FOG Biogas Enhancement/CHP," Dennis Palmer, Landis Sewage Authority
- 9:00 a.m. "Using ISO 50001 Best Practices for Water and Wastewater Utility Energy Management," Elizabeth Keddy, Hazen and Sawyer
- 9:30 a.m. "Floating Solar - a Win Win Solution Case Study at Borough of Sayreville," Douglas Johnstone, NJR Clean Energy Ventures
- 10:00 a.m. BREAK
- 11:00 a.m. "New Jersey's Support for Clean Energy Through Energy Efficiency and Renewable Energy," Greg Reinert, TRC
- 11:30 a.m. "The Quest for Energy Neutrality and Carbon Footprint Reduction: WRRF Case Studies and Lessons Learned," Jay Surti, Greeley and Hansen LLC
- 12:00 p.m. "CHP Project Update at OCUA's Southern Water Pollution Control Facility," William Suchodolski, Director Engineering and Construction, Ocean County Utilities Authority

Wastewater Treatment Operator's Program - Spring 2022

(8:30 a.m. to 1:30 p.m.) (TCH Hours: 4 WW)

NJDEP No. 03-022209-30

CPWM No. NJWEA-DLGS-1230 Tech. 4 Hrs.

- Moderators: Jeffrey Williams, Executive Director, Linden Roselle Sewerage Authority
Christopher Manak, Superintendent, Madison-Chatham Joint Meeting
- 8:30 a.m. "Off Site Sodium Hypochlorite Generation a Safe and Reliable Disinfection Alternative for Wastewater Treatment and Water Reuse," Tom Caulfield, Senior Product Manager, UGSI Solutions
- 9:30 a.m. "Basic Concepts of Chemical Feed," Philip Dann, Regional Sales Manager, Lutz-Jesco America Corporation
- 10:00 a.m. BREAK
- 11:00 a.m. "Bioaugmentation and Monitoring the Biological Process," Emily Douglass, Technical Sales Representative, Maryland Biochemical Company
- 11:30 a.m. "Ultrasound Technology for Algae Control and Biofilm Prevention in Clarifiers," George Hutchinson, CTO Sonic Solutions Algae Control

- 12:00 p.m. "PFAS Why are These of Concern?," Edward Majeski, Environmental Compliance Manager/IPP Coordinator, Linden Roselle Sewerage Authority
- 12:30 p.m. "Advanced Primary Treatment," John Dyson, Product Channel Manager, Aqua-Aerobic Systems, Inc.
- 1:00 p.m. "MBBR IFAS Operations Benefits and Tradeoffs," David Silverman, Manager Process Solutions, PSI Process

Laboratory Workshop

(8:30 a.m. to 1:30 p.m.) (TCH Hours: 4 W&WW)

NJDEP No. 03-022210-30

CPWM No. NJWEA-DLGS-1231 Tech. 2.5; Gov. 1.5 Hrs.

- Moderators: Chris Nally, American Aquatic Testing, Inc.
Jennifer Marques, Laboratory Manager, Passaic Valley Sewerage Commission
- 8:30 a.m. Opening Remarks
- 8:45 a.m. "NJDEP Regulatory Update," Ryan Larum, Research Scientist I, NJDEP Office of Quality Assurance
- 10:00 a.m. "Sewer Epidemiology for SARS-CoV-2: Individual Buildings to Millions of Gallons per Day," Nicole Fahrenfeld, PhD, Associate Professor, Rutgers University
- 11:00 a.m. BREAK
- 11:15 a.m. "PFAS - What, When and How!," Gary Yakub, CQA, Senior QA Chemist/Project Manager, Environmental Standards
- 12:15 p.m. "Nitrate as Nitrogen (NO₃-N), HACH Method 10206 Alternative Nitrate Testing for DW/WW Labs," Mack Rahimi, Laboratory Manager, Stonybrook Regional Sewerage Authority.
- 1:00 p.m. "Communicating with Your Contract Laboratory," Sharon Ercoliani, Operations Manager, Garden State Labs

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: David Grupp, Senior National Client Manager, AEI Consultants
Tom Greci, Technical Manager, Environmental Compliance Monitoring, Inc.
- Instructors: David Grupp, Senior National Client Manager, AEI Consultants
Chris Myers, EHS Compliance Manager, Environmental Compliance Monitoring, Inc.

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/Quiz

Respirator Fit Testing

Air Pollution - Greenhouse Gas

Presentations

(9:00 a.m. to 4:50 p.m.) (TCH Hours: 5 WW)

NJDEP Course No. 03-022211-20

CPWM No. NJWEA-DLGS-1232 Tech. 5 Hrs.

NYPE 5; NJPE 5

Moderator: Richard Erickson, Senior Associate, First Environment

9:00 a.m. "Particulates: An Unparticular Air Pollutant," Tiffany Medley, PhD, Cornerstone Environmental Group

10:00 a.m. BREAK

10:30 a.m. "Environmental Justice Impact on the Wastewater Industry," Zach Lewis, Lewis Consulting Group

11:00 a.m. "Tools for Calculating Flood Risk from Sea Level Rise and the Potential Impacts to Your Facility," Dan Rizza, Climate Central and Richard Erickson, First Environment

12:00 p.m. LUNCH

1:00 p.m. "Optimization of Combustion for Basis of Minimal Ozone and Greenhouse Gas Formation," Richard Cestone, PE, CHMM, Remington & Vernick Engineers

1:55 p.m. "Compliance Case Studies: NJDEP's New Environmental Justice Administrative Orders and the Supplemental Environmental Project Program," Matthew Mee, Chapman Environmental Services

2:45 p.m. "Advanced Resource Recovery at WRRFs: Transitioning to a Clean Hydrogen Economy," Ed Weinberg, President, ESSRE Consulting, Inc.

3:45 p.m. BREAK

3:55 p.m. "Green Bay Experience: A New Fluid Bed Municipal Sludge Incinerator Coupled with a Sludge Dryer - Meeting the New MACT LLLL Emission Limits," Levant Takmaz, PhD, Suez

Resiliency

(1:30 p.m. to 4:30 p.m.) (TCH Hours: 3 W&WW)

NJDEP No. 03-022212-30

CPWM No. NJWEA-DLGS-1233 Tech. 3 Hrs.

NYPE 3; NJPE 3

Moderator: Joseph Polomene, PE, Associate, Sherwood Logan & Associates

1:30 p.m. "Using Asset Vulnerability to Select Flood Protection Options," Rina Dalal, Principal Engineer, CDM Smith

2:10 p.m. "Addressing Challenges of Climate Change Impacts with Systems-Based Solutions," Lin Liang, US Region Wet Weather Sector Leader, Stantec Consulting Services, Inc.

2:45 p.m. "Planning Resilience in South Florida," Rami Rani, PG, GISP, Senior Associate, Hazen & Sawyer

3:25 p.m. "Efficient Treatment Without New Toys: Reducing Energy Intensity (and Costs!) Through O&M Practices," Peter Wernsdorfer, Water and Wastewater SEM Coach, Cascade Energy

4:00 p.m. "Energy Management Strategies at Camden County MUA," Laurie Wiegand-Jackson, President, Utility Advantage, LLC and Len Gipson, Director of Operations and Maintenance, Camden County Municipal Utilities Authority

Instructors' Workshop

(1:30 p.m. to 4:00 p.m.)

Moderators: Joseph Bonaccorso, NJDEP Advisory Committee
Christian Hoffman, Operator Licensing Board, NJDEP

Exhibit Area Presentation - Collection

Systems and Pumps

(2:00 p.m. to 4:00 p.m.) (TCH Hours: 2 WW)

NJDEP 03-022213-20

CPWM No. NJWEA-DLGS-1234 Tech.: 2 Hrs.

Moderators: John A. Mele, Regional Manager, Hobas Pipe USA
John Corkery, Municipal Sales Manager, PSI Process / Pumping Services, Inc.

2:00 p.m. "How Municipalities Can Leverage Smart Sewer Technology to Gain Real-Time Visibility into Their Collection Systems," Denis Rehse, Technical Sales Engineer, PSI Process

2:30 p.m. "Ragging in Wastewater Treatment Plants and Collection Systems," Joseph M. Macula, Sales Manager, Franklin Miller, Inc.

3:00 p.m. "Trouble Shooting an On-Line Pumping System," Ryan Booth, Technical Sales Engineer, PSI Process

3:30 p.m. "Pump Talk for Operators - Pump Station Design and Technology," Sean Paratore, Engineering Group, PSI Process

Innovative Technology Forum

(2:00 p.m. to 4:00 p.m.) (TCH Hours: 2 WW)

NJDEP No. 03-022214-20

CPWM No. NJWEA-DLGS-1235 Tech. 2 Hrs.

NYPE 2; NJPE 2

Moderators: Stephen Rozewski, President, Metro NY Environmental LLC

2:00 p.m. "Bioforcetech: Truly Sustainable Biosolids Management," Valentino Villa, COO, Bioforcetech Corporation

2:30 p.m. "Applications of Aerobic Granular Sludge," William McConnell, Water Reclamation Discipline Leader - North, CDM Smith

3:00 p.m. "Anaerobic Digestion of Organics: Overview of Two Case Studies for CHP and RNG Resource Recovery," Dustin Craig, PE, Bioenergy Practice Leader/Environmental Engineer, CDM Smith

3:30 p.m. "Cooking Without Gas: Reducing Sludge Management Costs Using THP (Thermal Hydrolysis Process) in Plants Without Anaerobic Digestion," Mohamed Abdelbadie, VP Business Development, Tomorrow Water

WEDNESDAY, MAY 11, 2022

The 37th 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. "The Motivation and Faith Within You," Harry E. Smith, III, CSM, President, Certified Health and Safety Services LLC

Student Session

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

Moderators: Emily Zidanic, Cape May County Municipal Utility Authority
Steven Yergeau, PhD, Rutgers Cooperative Extension

8:30 a.m. Student and YP Meet and Greet, Coffee and Danish

9:00 a.m. Passing of the Gavel, John R. Reardon, Jr., NJWEA President

9:15 a.m. NJWEA Update, Jill Plesnarski, NJWEA President Elect

9:30 a.m. Federation Address, Keith Hobson, WEF Board of Trustees

9:45 a.m. Student Scholarship Awards Program, Peter Strom, PhD, Rutgers University and Steven Yergeau, PhD, Rutgers Cooperative Extension

10:00 a.m. Plenary Session and Keynote Speaker

11:00 a.m. Post 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. NJWEA Water Resources Awards for five regional high school science fairs, plaques and cash awards. Science fair entrants capable of entering the WEF Stockholm Junior Water Prize Competition. The NJ State Winner will be named and sent to the annual national competition, Tom Meholic, NJWEA Public Education Committee Chair, WEF/SJWP: NJ State Organizer

2:45 p.m. Poster Competition Awards, Steven Yergeau, PhD, Rutgers Cooperative Extension

3:15 p.m. Closing Remarks, Emily Zidanic, Cape May County Municipal Utilities Authority and Steven Yergeau, PhD, Rutgers Cooperative Extension

3:30 p.m. Student and Young Professionals Reception

Maintenance Workshop

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

NJDEP No. 03-022215-30

CPWM No. NJWEA-DLGS-1236 Tech. 5 Hrs.

Moderators: Roman Wisniewski, Plant Maintenance Manager, Joint Meeting of Essex and Union Counties

9:00 a.m. "Pumping for Success," Scott Hansen, ZEP Territory Manager, Zoeller Company

9:45 a.m. "Mechanical Sealing of Underground Cables and Pipes for a Post Hurricane Sandy Event," Brad Rausch, Engineering Consultant, ShorElectric

10:30 a.m. "Thermal Expansion and Contraction of Aeration Systems," Luke Prinsoo, Piping System Design Engineer, Victaulic Company

11:15 a.m. "An Introduction to Flow Meter Technologies," Wayne Martin, Sales Engineer, NSI Neal Systems Inc.

12:00 p.m. LUNCH

2:00 p.m. "Sealing Reliability with Pacing and Mechanical Seals," Dan Mertens, Reliability Specialist, Corrosion Products and Equipment

3:15 p.m. "Lubricating for Better Reliability and Safety," R.J. Francois, Technical Adviser, Interflon, Sur-Seal, Inc.

Plenary Session - 2022

(9:00 a.m. to 12:00 p.m.) (TCH Hours: 2 W&WW)

NJDEP No. 03-022216-30

CPWM No. NJWEA-DLGS-1237 Gov. 2 Hrs.

Moderators: John R. Reardon, Jr., NJWEA President
Thomas Amidon, Manager of Water Resource Monitoring, DRBC

9:00 a.m. Passing of the Gavel, John R. Reardon, Jr., NJWEA President

9:15 a.m. NJWEA Update, Jill Plesnarski, NJWEA President Elect

9:30 a.m. Federation Address, Keith Hobson, WEF Board of Trustees

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

10:30 a.m. Regional Administrator Lisa F. Garcia, USEPA Region 2

11:00 a.m. NJDEP Commissioner Shawn M. LaTourette

11:30 a.m. Q&A Session - People who have questions for Congressman Gottheimer, Commissioner LaTourette or Regional Administrator Garcia are encouraged to contact Tom Amidon (Thomas.Amidon@drbc.gov) to reserve the opportunity to ask it or to have it asked anonymously during the Q&A session.

Professional Engineer's Program

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

NJDEP No. 03-022217-20

CPWM No. NJWEA-DLGS-1238 Tech. 3 Hrs.

NYPE 3; NJPE 3

Moderators: Manuel Ponte, PE, Principal Engineer, R3M Engineering Inc.
Thomas A. Laustsen, PE, BCEE, Chief Operating Officer, Passaic Valley Sewerage Commission
Colin Ferguson, PE, Principal Engineer, Kleinfelder

1:00 p.m. "Selecting an Appropriate Sidestream Deammonification Technology," Micah Blate, PE, Associate, Hazen and Sawyer and Samantha Burke, Environmental Engineer 3, Philadelphia Water Department

1:30 p.m. "Advancement in Peracids Disinfection of Municipal Wastewater: Approaching the Economics of Sodium Hypochlorite with Performic Acid and Advanced Process Control," Brian Hilts, PE, CDM Smith

2:00 p.m. "A Hybrid Fixed-Film and Granular Activated Sludge Technology for Wastewater Process Enhancement," Jason Calhoun, Nuvoda

2:30 p.m. "Restoration and Flood Mitigation of the MCUA's Sayreville Pump Station," John Orecchio, MCUA and Michael Samuel, R3M Engineering

- 3:00 p.m. "A Real-Time Predictive Flooding Application of Flooding and SSO in Urban Areas: An Implementation in Boston's Dorchester Neighborhood," Dingfang Liu, PE, Kleinfelder
- 3:30 p.m. "Biosolids Drying and Energy Recovery," Christopher Komline, Vice President, Komline Sanderson

Instrumentation and Controls Session

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

NJDEP No. 03-022218-30

CPWM No. NJWEA-DLGS-1239 Tech. 4 Hrs.

NYPE 4; NJPE 4

Moderator: Michael A. Roy, PE, Authority Engineer, Old Bridge MUA

- 1:00 p.m. "The Next Decade-Passing on Instrumentation & Control Knowledge to the Next Generation," C. Schuyler Morehouse, PE, Morehouse Engineering, Inc. and Robert Fischer, Senior Director, PS&S
- 2:00 P.M. "Fundamentals of the Variable Frequency Drive (VFD)," Joseph Halliday, Danfoss Drives, VP of Sales - North American Water Market
- 3:00 p.m. "Realized Benefits of Using Systemwide SCADA for a Wastewater Collection System," Michael Samuel, PE, President, R3M Engineering, Robert Parrillo, R3M Engineering and Charles Winkler, Sewer Division Superintendent, Old Bridge MUA
- 4:00 p.m. "Intelligent Nutrient Removal," Denis O. Rehse, Process Sales, PSI Process Equipment

Industrial Wastewater Management Session

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

NJDEP No. 03-022219-20

CPWM No. NJWEA-DLGS-1240 Tech. 4 Hrs.

NYPE 4; NJPE 4

Moderators: Maria Bausch, PE, Associate, Mott MacDonald
Natalie Pisarcik, Industrial Pretreatment Coordinator, Rockaway Valley Regional Sewer Authority

- 1:00 p.m. "Industrial Internet of Things," Jim Hampson, North East Technical Sales
- 1:30 p.m. "EPA Water Program Regulatory Update," Virginia Wong, Chief, NPDES Section, Water Division - EPA, Region 2
- 2:00 p.m. "Upgrade Strategies Utilizing Attached Growth Processes," David Silverman, Manager, Process Solutions
- 2:30 p.m. "PFAS Strategic Roadmap," Virginia Wong, Chief, NPDES Section, Water Division - EPA Region 2
- 3:00 p.m. "Efficient, Cost Effective Treatment Methods for PFAS, the 'Forever Chemical'," George Federico, Technical Director, Theia LLC and Matt Geary, Technical Sales Manager, CETCO

- 4:00 p.m. "The Analysis for PFAS: An Evaluation of Current Methods, Proposed Methodologies and the Application of New Technologies," Charles Neslund, Scientific Officer and PFAS Practice Leader, Eurofins Environment Testing America
- 4:30 p.m. "Saving Time and Money with Targeted Approach for Treating," George Federico, Technical Director, Theia LLC and Glenn Davies, Northeastern Sales Manager, Theia Water/CETCO

Issues of Emerging Concern

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

NJDEP No. 03-022220-30

CPWM No. NJWEA-DLGS-1241 Tech. 4 Hrs.

NYPE 4; NJPE 4

Moderators: Adam T. Minichelli, PE, Associate and Office Director, Greeley and Hansen LLC

- 1:00 p.m. "PFAS Sources, Test Methods, Sampling and Regulatory Updates," Kevin Custer, PhD, Program Manager: Emerging Contaminants, Pace Analytical Services LLC
- 2:00 p.m. "You Have a PFAS Problem: How PFAST Do you Need to Act?," Arthur Clarke, Senior Associate, First Environment, Inc. and Scott Green, Senior Associate, First Environment, Inc.
- 3:00 p.m. "A Utility's Journey to Evaluate Alternatives and Craft a Collection System Odor and Corrosion Control Strategy," Jay Lovelass, PE, Associate, Greeley and Hansen LLC
- 3:30 p.m. "Critical Infrastructure Cybersecurity," Daniel E. Capano, Senior Project Manager, Gannett Fleming Engineers and Architects, PC
- 4:30 p.m. "Development of a COVID-19 Vulnerability Index: New Jersey Counties Case Study," Remo DiSalvatore, Graduate Research Assistant, Rowan University: Civil & Environmental Engineering Dept.

Exhibit Area Presentation - How Bar Screens Can Assist Pump Stations with Wipe Clogging Issue

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

NJDEP No. 03-022221-20

CPWM No. NJWEA-DLGS-1242 Tech. 1 Hr.

Moderators: Roseann Pettrow, Sales Representative, G.A. Fleet/Fleet Pump, Inc.
Chuck Royer, Sales Representative, Dave Heiner Associates, Inc.

Speaker: Erwan Quattara, Managing Partner, Aqualitec, Inc.

Influence of Effluents - Exhibit Area

(3:30 p.m. to 4:00 p.m.) See Page 4 for more information

Ethics Considerations for Engineers

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

NJDEP No. 03-022222-30

CPWM No. NJWEA-DLGS-1243 Ethics 2 Hrs.

NYPE 2; NJPE 2

Moderator: Manual Ponte, PE, Principal Engineer, R3M Engineering, Inc.

Instructor: Richard Cimino, PhD, Senior Lecturer, NJIT

Co-Instructor: Danielle Farrell, Client Manager, Gannett Fleming

This presentation will be an interactive experience for the attendee. The overall objective of the presentation will be to provide a set of tools necessary to identify an ethical dilemma, assess options for course of action, and ultimately make decisions appropriate for professional engineers in these situations. In small group breakouts, participants will be provided a collection of situational circumstances and afforded the opportunity to apply the techniques presented. Outcomes will be shared in a large group debrief at the end of the session.

Sludge Bowl Karaoke in the Eden Lounge at Harrah's Resort (see Page 17)

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

THURSDAY, MAY 12, 2022

CSOs: Implementing LTCPs

Part I: NJDEP No. 03-022223-20 (TCH Hours: 3 WW)

CPWM No. NJWEA-DLGS-1244 Tech. 3 Hrs.

NYPE 2; NJPE 3

Part II: NJDEP No. 03-022224-20 (TCH Hours: 3 WW)

CPWM No. NJWEA-DLGS-1245 Tech. 3 Hrs.

NYPE 2; NJPE 3

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

Moderators: William E. McMillin, Jr., PE, D.WRE, Jacobs
Siyang Wang, PE, Jacobs

8:00 a.m. "NJ CSO Program Update," Susan Rosenwinkel, Section Chief, New Jersey Department of Environmental Protection and Joseph Mannick, Supervisor, New Jersey Department of Environmental Protection

8:30 a.m. "Thrive Hudson River: North Hudson's Integrated LTCP Approach," Christina Lehr, PE, Jacobs and Fredric Pocci, PE, North Hudson Sewerage Authority

8:50 a.m. "Bayonne Long Term Control Plan," David Ksnyiak, T&M Associates

9:10 a.m. "City of Newark Long Term Control Plan Selection and Implementation of Alternatives," Francisco J. Brilhante, HDR, Kareem Adeem, City of Newark and Mohammad Athar, City of Newark

9:30 a.m. "Saddle Creek RTB - From Concept to Reality," John Weiland, PE, Wade Trim

10:00 a.m. "From Mandate to Milestone: Implementing a Major CSO Program in 7 Years," Justin Carl, PE, Brown & Caldwell

10:30 a.m. "Chattanooga Consent Decree: Paving the Way for CSO PAA Disinfection," Xavier Pedoux, PE, Jacobs and Michael Marino, PE Jacobs

Alternate: "Green Over Gray Part 2 - The Transition from Design to Reality," John Denning, CFM, PE, Mott MacDonald

(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. "Understanding the Development of Extreme Weather Events," Dayna Pelc, Manager, TRC Companies, Inc.

1:30 p.m. "How Much is Too Much? New Approaches to Water Service Affordability Measurement," Zachary Green, Senior Consultant, Raftelis

2:00 p.m. "NYC Open Waters LTCP," Peter Young, Vice President, Hazen and Sawyer

2:30 p.m. "Overview of NYCDEP's GI Program and Lessons Learned During Design and Construction," Mohammed Al Arag, Water Resources Engineer, Dewberry

3:30 p.m. "The City of Philadelphia's LTCP," Marc Cammarata, PE, Deputy Commissioner, Philadelphia Water Department

Alternate: "What Do You Mean CSOs Don't Impact Attainment of Water Quality Criteria?," Richard R. Isleib, PE, Project Manager, HRD Inc.

Safety Workshop

(8:15 a.m. to 2:00 p.m.) (TCH Hours: 4.0 Safety)

NJDEP No. 03-022225-31

CPWM No. NJWEA-DLGS-1246 Tech.: 4 Hrs.

Moderators: Harry Smith III, CSM - NJWEA Safety Committee Chairman

Rick Stafford, Safety Officer, Joint Meeting of Essex and Union Counties and NJWEA Safety Committee Vice Chairman

Harry Ladisheff, Operator, Bayshore Regional Sewerage Authority

Daren DiFonzo - Owner of Certified Health and Safety Services, LLC

8:15 a.m. "Slips, Trips and Falls on Walking and Working Surfaces - OSHA 29 CFR 1910.21 to .30," Daren Difonzo, Owner of Certified Health and Safety Services, LLC

Many workers get injured or die from slips, trips or falls on walkways and working surfaces. Unfortunately, in most cases they are 100% preventable. Well surprisingly enough or not, OSHA has had a great policy and procedure in place for years. There is a simple approach to eliminating the hazards. This program will discuss and highlight the ways we can make our work place a safer place and eliminate the potential for a mishap.

9:45 a.m. BREAK

11:00 a.m. "Personal Protective Equipment (PPE) - OSHA 29 CFR 1910.132," Harry E. Smith, III, CSM, NJWEA Safety Committee Chairman

A short down and dirty powerpoint presentation of the proper wear, use and care of different types of PPE.

12:00 p.m. LUNCH

12:30 p.m. Continued..."PPE," John P. McShane, Sales Representative for Pendergas Safety Products

We will discuss and review how to select and properly use PPE in our work areas based on the task or job at hand, followed by a show and tell session with the actual equipment. A motivating hold, handle, touch, try on and talk about session.

Joint MABA/NJWEA Biosolids Workshop

(8:30 a.m. to 4:00 p.m.) (TCH Hours: 5.5 WW)

NJDEP No. 03-022226-20

CPWM No. NJWEA-DLGS-1247 Tech. 5.5 Hrs.

NYPE 4; NJPE 5

Moderators: Julian Chianelli, P.E., Senior Associate, Hazen and Sawyer

Bob Carlson, Resident Engineer, Cumberland County Utilities Authority

8:30 a.m. "Polymer/Flocculants 101: Fundamentals of Thickening and Dewatering," Yong Kim, UGSI Solutions, Inc.

9:00 a.m. "High Solids Digestion for Energy Resiliency and Revenue," Ian Piro, Anergia

9:30 a.m. "Update on the Cumberland County Composting Facility," Elliot Pomeranz, Synagro

10:00 a.m. "ACUA Solids Handling Master Plan," Joseph Pantalone, Vice President, Atlantic County Utilities Authority

10:30 a.m. "Gloucester County Utilities Authority SLG Project," Edward Johnson, Orege

11:00 a.m. BREAK

1:00 p.m. "Upset Conditions in Anaerobic Digesters in Wastewater Treatment Plants Cause Degradation of Protective Linings," Randy Nixon, President, Corrosion Probe, Inc.

1:30 p.m. "Combining Thermal Hydrolysis with Thermal Processing to Decrease Operating Costs and Increase Capacity," William Barber, PhD, Cambi, Inc.

2:00 p.m. "NJWEA Biosolids Environmental Justice Review," Zach Lewis, Lewis Consulting Group

2:30 p.m. "Who is the Driest? A Biosolids Dewatering Competition at the CMCMUA," Emily Zidanic, Wastewater Engineer and Josh Palombo, Wastewater Program Manager, CMCMUA

3:00 p.m. "The WSSC Water Bio-Energy Project - Bringing Suburban Washington, DC's Biosolids into the Future," Matt Van Horne, PE, Associate Vice President, Hazen and Sawyer

3:15 p.m. "NEWPCP Digester/CHP Project - A Decade of Lessons Learned," Ya-Chi Tsao, PhD, Staff Engineer in Energy Program, Philadelphia Water Department

Collection System Operators' Workshop

(8:45 a.m. to 3:00 p.m.) (TCH Hours: 4 WW)

NJDEP No. 03-022227-20

CPWM No. NJWEA-DLGS-1248 Tech. 4 Hrs.

Moderators: Robert Snyder, PARSA

Basil D'Armiento, CDM Smith

Ceren Aralp, PE, Mott MacDonald

8:45 a.m. Introduction to Program and Collection System Committee Updates

9:00 a.m. "Prescriptive Cleaning Can be Bitter Pill to Swallow but Utilities are Finding a New Tech-Cure that Lowers Costs and Reduces SSO Threats," Jay Boyd, ADS Environmental

9:30 a.m. "Trends in Level Measurement in Water and Wastewater Industry," Bill Scholette, Endress and Hauser

10:00 a.m. "Cohocksink Storm Flood Relief," Jason Marie, PE, Mott MacDonald

10:30 a.m. "Easements, A Necessary Evil," William T. Suchodolski, PE, Ocean County Utilities Authority
BREAK

11:00 a.m. "JCMUA / PURE," Alex Wells

1:00 p.m. "Vacuum Sewers: A Viable Alternative to Low Pressure and Gravity System," Philip Crincoli, Northeast Regional Manager, Airvac, a Division of Aqseptence Group

Alternate: "Shared Services," Robert Snyder, PARSA Environmental

3:00 p.m. CERTIFICATE DISTRIBUTION

Industrial Wastewater Operator Workshop

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

NJDEP No. 03-022228-20

CPWM No. NJWEA-DLGS-1249 Tech. 5 Hrs.

Moderators: Adewale Akinokun, Assistant Industrial Pretreatment/Laboratory Manager, Joint Meeting of Essex and Union Counties
Lance Salerno, QEP, National O&M Practice Leader, Brown and Caldwell

9:00 a.m. "Achieving Compliance at a Pharmaceutical Facility Through an Integrated Approach," George Hollerback, Senior Principal, Geosyntec Consultants

10:00 a.m. "Toxic and Combustible Gas Detection Practices in the Water and Wastewater Industry," Steve Slavutsky, Northeastern Regional Sales Manager, Draeger Fire and Gas Detection Systems
BREAK

11:00 a.m. "The Domino Effect - Downstream Issues Caused by Ammonia Loading from Recycle Streams," Rhonda E. Harris, PE, Sr Owner Advisor, O&M/Asset Management, Brown and Caldwell and Lance K. Mason, Sr. Principal, Operations Consulting, Brown and Caldwell

2:00 p.m. "Efficient Wastewater Treatment: Reducing Energy Intensity and Costs Through O&M Practices," John Lewyta, Construction Manager, Gannett Fleming Engineers and Architects, P.C.

3:00 p.m. "High-Strength Municipal Solids Waste Leachate Pretreatment - Aerobic or Anaerobic?," Kerim Temel, PE, Senior Engineer, Brown and Caldwell

3:30 p.m. Applying Operating Envelopes for Process Troubleshooting," Lance P. Salerno, QEP, National O&M Practice Leader, Brown and Caldwell

Nutrient Removal

Part I: NJDEP No. 03-022229-20 (TCH Hours: 2 WW)

CPWM No. NJWEA-DLGS-1250 Tech. 2 Hrs.

NYPE 2; NJPE 2

Part II: NJDEP No. 03-022230-20 (TCH Hours: 3 WW)

CPWM No. NJWEA-DLGS-1251 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. "Ammonia Removal with IFAS/MBBR: Design, Construction and Operations," David Silverman, PE, Manager-Process Solutions, PSI Process

10:00 a.m. "A Simple Affordable and Novel Facultative MBR Technology - A Full Scale Pilot Study at Plymouth Airport WWTF, MA," Helen Littleton, PhD, PE, President, LX Environmental LLC

10:30 a.m. Development of World's Largest Dual-Use High-Rate Primary and WWF Filtration Process Using Floating Media," Jonathan Liberzon, Vice President-Business Development, Tomorrow Water

11:00 a.m. BREAK

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

1:00 p.m. "Phosphorus Removal and Recovery - Converting Wastewater Treatment Plants to Water Resources Recovery Facilities," Joseph Husband, PE, Senior Vice President, Arcadis

1:30 p.m. "Ditch Your Nitrate Problems by Optimizing that Oxidation Ditch!," John Scheri, PE, Mott MacDonald

2:00 p.m. "Commissioning a Nitrification/Denitrification Secondary Improvements Project - A California Case Study," Lance P. Salerno, QEP, National O&M Practice Leder, Brown and Caldwell

2:30 p.m. "Incorporating Anammox into SND and EBPR Process for Stable and Efficient Nutrient Removal of Mainstream Municipal Wastewater in IFAS System - 5 Years' Experience on Mainstream Deammonification in Northwest China," Helen Littleton, PhD, PE, President, LX Environmental LLC

3:00 p.m. "Two-Stage Partial-Nitration / Anammox Process Demonstrates Stable and Efficient Treatment of High-Strength Digestate," Jonathan Liberzon, Vice President-Business Development, Tomorrow Water

Alternate: "Biological Metabolic Processes and Nutrient Removal," Howie Pearson, Vice President, Senior

Exhibit Area Presentation - Old Dog, New Tricks - How BAF Platform is Adapting to New Treatment Challenges from Primary to Tertiary

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

NJDEP No. 03-022231-20

CPWM No. NJWEA-DLGS-1252 Tech. 1 Hr.

Moderators: Roseann Pettrow, Sales Representative, G.A.

Fleet/Fleet Pump, Inc.

Chuck Royer, Sales Representative, Dave Heiner Associates, Inc.

Speaker: Jon Liberzon, Vice President, Tomorrow Water, Inc.

Post Conference Reception

(7:00 p.m. to ???) See Page 4 for more information

FRIDAY, MAY 13, 2022

Closing Session/Breakfast Buffet

(9:00 a.m.)

New Jersey and 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 several of the 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 Membership Options – The NJWEA offers a new membership option:

* NJWEA Associate Membership. This lower cost membership option, \$55.00 per year, provides all of benefits of Association Membership in the NJWEA.

It does not provide WEF Benefits, particularly operators do not receive a TCH for each year of membership. To receive the contact hour, you must be a member of WEF.

That choice is yours.

NJWEA PROGRAM COMMITTEE ROSTER

Michael J. Hope, PE, Chair

Francis J. Bonaccorso, Vice Chair

Mohammad Abu-Orf

Adewale Akinokun

Thomas Amidon

L. Ceren Aralp, PE

Maria Bausch, PE

Stephen Blankenship, PE

Joseph F. Bonaccorso

Brian J. Brach, PE

Robert Carlson

Julian Chianelli, PE

John Corkery

Basil D'Armiento

James De Block

James C. DeLaura, PE

Daniel Eagan, PE

Marques Eley, PE

Richard Erickson

Colin Ferguson

Brian Friedlich

Srinivas D. Gidugu, PE

Thomas Greci

Jeff Heiner

Chris Hoffman

Nicole Joy

Harry L. Ladisheff

Louis Lambe

Thomas Laustsen, PE

Samantha Liccketto

Sheldon S. Lipke, PE

Christopher Manak

David A. Marabello, PE

Jennifer Marques

William McMillin

John McNamara

John A. Mele

Adam Minichelli, P.E.

Gabrielle Moore, PE

William J. Muszynski, PE

Christopher Nally

Peter A. Nese

James Neville

Lisa Oberreiter

Thomas L. Patterson, PE

Henry Penley

Roseann Pettrow

Natalie Pisarcik

Joseph Polomene, PE

Manuel Ponte, PE

Lavanya Ramasubramanian, PE

John R. Reardon, Jr.

Michael Roy, PE

Chuck Royer

Stephen Rozewski

Lance Salerno

Amy Shallcross

Bruce D. Smith

Harry E. Smith, III

Robert Snyder

Rick Stafford

Peter F. Strom, PhD

William T. Suchodolski, PE

Jay R. Surti, PE

William E. Toffey

David Vaccari

Ramone Vara

Siying Wang, PE

Jeffrey Williams

Roman Wisniewski

Steven Yergeau, PhD

Emily Zidanic

NJWEA "Battle by the Bay" - 2022

OPERATIONS CHALLENGE May 9 & May 10

Come Join Us at the NJWEA 2022 Annual Conference!

Teams/Judges/Support Staff/Sponsors:

The NJWEA has once again decided to host an Operations Challenge Competition. This competition will be held during the NJWEA's 107th Annual Conference and Exposition in Atlantic City, NJ in the Prefunction Area of Harrah's Resort. The dates for Battle by the Bay are May 9 and May 10, 2022. On Monday, the Process Control and Laboratory Events will take place, along with Wastewater Quizzo. Tuesday, the Safety, Collections, and Maintenance Events will be taking place.

Information about the NJWEA Battle by the Bay can be found at:

https://njwea.org/pwo_operations_challenge.php. If you have a question, please feel free to contact Kathy Collinge.

Your support is badly needed again this year so as the visiting teams said "A firm class event" can be had again in 2022. We do hope you can support the conference challenge. Stop in to cheer the teams on Monday and Tuesday in the Caesars Ball Room.

FACTS

Teams come from all across the country and Canada.

We have room for 12 teams.

Registration began in January and will run through March. Registration will be on a first come first served basis and there will be a \$50.00 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 sewerage authority.com

NJWEA PRESIDENT'S AWARD RECEPTION

Monday, May 9, 2022 at 5:00 p.m.

HOTEL INFORMATION

New Jersey Water

Environment Association's

107th Annual Conference

Sunday, May 8, 2022 through

Friday, May 13, 2022



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 SH05WE2. All callers will be asked for this code but can also book by saying "NJWEA 2022".

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

7th ANNUAL "GO WITH THE FLOW" 5K RUN/WALK

The Young Professionals Committee will be hosting the 7th annual "GO WITH THE FLOW" 5K RUN/WALK on Tuesday morning, May 10, 2022, at the Art Walk at Harrah's Resort, Atlantic City, NJ. For more information and to register on-line go to:

<https://tinyurl.com/3kdfttvx>

No registration by mail or fax.

THE SLUDGE BOWL 2022

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

Please join us Wednesday, May 11th at 9:00 pm in the Eden Lounge at Harrah's Resort for Karaoke, t-shirt giveaway, fellowship AND a chance to win an iPad!

For more info:

Contact Casey DeBaun at
cdebaun@njwea.org

In addition:

*The Young Professionals' Speaker Challenge winners will be recognized on Fri., May 13th at the closing breakfast.

Contact Richard Eustace

(reustace@njwea.org) 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.

**AAEE/NJWEA Wes Eckenfelder Memorial Breakfast
at the
NJWEA's 107th Annual Conference**

Date: Tuesday, May 10, 2022

Start: 7:00 a.m. - 8:15 a.m.

Place: Martorano's Restaurant in Harrah's Resort

Cost: \$36.00/person; On-Site Cost: \$39.00

Includes juice, coffee/tea, eggs, rolls and fruit

Topic: "Solids + Sediments = A Career in the Mud"

Speaker: Chris Uchirin, PhD, PE, Rutgers University

1 hour NYPE/PAPE/NJPE Credit & Operator W/WW CEU

(To register, circle the breakfast on page 3 of this flyer under Pre-Conference Registration)

The 37th Annual Peter A. Nese Prayer Breakfast

Date: Wednesday, May 11, 2022

Start: 7:15 a.m. - 8:30 a.m.

Place: Martorano's Restaurant in Harrah's Resort

Cost: \$36.00/person; On-Site Cost: \$39.00

Includes juice, coffee/tea, eggs, rolls and fruit

Any questions, please call Pete Nese @ (732) 887-1156

Topic: "The Motivation and Faith Within You"

Speaker: Harry E. Smith, III, CSM, President, Certified Health and Safety Services LLC

MAKE CHECKS PAYABLE TO "NJWEA" AND MAIL TO:

Casey DeBaun, Registrar, NJWEA, PO Box 737, Woodland Park, New Jersey 07424

Phone: 973-239-9200; Fax: 973-239-9239

Prayer Breakfast Registration Form

(Or Just Check the Box on Page 3 under the Special Events Tickets)

Name: _____ \$36.00 X _____ = \$ _____

Name: _____ \$36.00 X _____ = \$ _____

Total = \$ _____

Address: _____

City: _____ State: _____ Zip: _____

CC#: _____ Exp. Date: _____ Circle One: VISA MASTER CARD

Phone No. (_____) _____

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	Julian Chianelli	jchianelli@hazenandsawyer.com
Co-Chair	Scott Conklin	sconklin@seagirtenviro.co
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	Maria Bausch	maria.bausch@mottmac.com
Information Technology	Jim De Block	jdeblock@njwea.org
Laboratory	Jennifer Marques	jmarques@pvsc.com
Legislative Analysis	Dennis Palmer	dpalmer@landis sewerage authority.com
Library and Archives	Tom Grenici	tg-ecm@att.net
Membership	Lisa Oberreiter	lisaoberreiter@yahoo.com
Mini Workshops	vacant	jdeblock@njwea.org
Operations Challenge	Tim Fisher	fishertp@cmcmua.com
Philanthropic	vacant	jdeblock@njwea.org
Professional Engineers	Jim Wancho	jwancho@psands.com
Program	Michael Hope	mhope@greeley-hansen.com
Publications	Greg Burde	Gregory.burde@tctechllc.com
Public Education	Thomas Meholic	meholic.thomas@gmail.com
Safety	Harry Smith Jr.	chss@comcast.net
Seminar and Technology Transfer	Christopher Pabst	cpabst@jmeuc.com
Co-Chair	Joanne Mancuso	jmancuso@parsippany.net
Stormwater	Nicole Joy	njoy@kleinfelder.com
Young Professionals	vacant	jdeblock@njwea.org