

## Registration Instructions

### GENERAL INFORMATION

- Complete and mail entire registration form TWO PAGES – PARTS One and Two
- One form per person – photo copy 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 4, 2017** or onsite Registration Rates will apply. Checks should be made payable to NJWEA in US Funds.
- Groups of (10 or more paid Registrants), please contact the Registrar for details on group registrations.
- 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-Afterglow and one Closing Breakfast Ticket
  - Coffee Breaks and Exhibit Area Social Functions Each Day
  - Exhibit Area Lunch for the Registration Day
  - Expanded Complementary Exhibit Luncheon Reception On Thursday
  - Exhibit Area Raffle Drawings on Thursday Only
- 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
  - Exhibit Area Lunch for the Registration Day, Complementary Exhibit Luncheon Reception On Thursday
  - Exhibit Area Raffle Drawings on Thursday Only
- Spouse or Retiree Registrations - Full conference or Daily Registrations, Tuesday, Wednesday or Thursday
  - Admittance to the Exhibit Area on the Registration Day
  - Retired members may attend technical programs except Preconference or Specialty Events for continuing education credit
  - Coffee Breaks and Exhibit Area Social Functions Each Day
  - Exhibit Area Lunch for the Registration Day, Complementary Exhibit Luncheon Reception On Thursday
  - Exhibit Area Raffle Drawings on Thursday Only
  - All Spouse Events Listed in Accompanying Brochure for the Registration Day
- All Other Complementary Admittance to the Exhibit Area THURSDAY ONLY. TECHNICAL PROGRAMS EXCLUDED.
  - Coffee Breaks and Exhibit Area Social Functions Each Day
  - Exhibit Area Sandwich Ticket for the Registration Day
  - Exhibit Area Lunch for the Registration Day, Complementary Exhibit Luncheon Reception On Thursday
  - Exhibit Area Raffle Drawings on Thursday Only

### 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 **May 1, 2017** or received at the NJWEA Office after the close of business on **May 6, 2017** 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 **May 6, 2017.**

### CREDENTIAL PICKUP & ONSITE REGISTRATION

- Pre-registration credentials pickup and on-site registration located on the 6th Floor, Bally's 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	8:30 AM	4:15 PM	AAEES Workshop (NY-NJ PE)	_____
PC-2	Monday	9:00 AM	4:30 PM	GIS & Asset Management (NY-NJ PE)	_____
PC-3	Monday	9:00 AM	4:00 PM	Drivers Safety Program	_____
PC-4	Monday	1:00 PM	4:00 PM	Engineering a Solution – 2017 (NY-NJ PE)	_____
PC-5	Tuesday	7:00 AM	8:15 AM	AAEES/NJWEA Breakfast (NY-NJ PE)	_____
PC-6	Tuesday	8:30 AM	4:30 PM	8-Hour HAZWOPER Refresher	_____
PC-7	Tues-Thurs	9:00 AM	3:30 PM	PACP/MACP – Register Separately, See Page 17 for details	_____

**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 16 of this Flyer. Most courses also qualify for PA PE continuing education (see Page 16 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	8:00 AM	12:00 PM	Collection Managers Workshop (JDOW)	_____
2	Tuesday	8:30 AM	1:30 PM	Laboratory Workshop (JDOW)	_____
3	Tuesday	8:30 AM	1:30 PM	Wastewater Operators Program (JDOW)	_____
4	Tuesday	9:00 AM	12:00 PM	Energy – Spring 2017	_____
5	Tuesday	9:30 AM	4:30 PM	Air Pollution Presentation – 2017 (NY-NJ PE)	_____
6	Tuesday	1:30 PM	4:30 PM	Resiliency Session - 2017 (NY-NJ PE)	_____
7	Tuesday	1:30 PM	4:00 PM	Instructor’s Workshop	_____
8	Tuesday	2:00 PM	4:00 PM	Controlling Flow/Disinfection (Exhibit Area)	_____
9	Tuesday	2:00 PM	4:00 PM	Innovative Technology Forum - 2017 (NY-NJ PE)	_____
10	Wednesday	8:30 AM	4:30 PM	Student Session	_____
11	Wednesday	9:00 AM	4:00 PM	Maintenance Workshop – 2017 (JDOW)	_____
12	Wednesday	9:30 AM	12:00 PM	Plenary Session - 2017	_____
13	Wednesday	1:00 PM	4:00 PM	Professional Engineer’s Program (NY-NJ PE)	_____
14	Wednesday	2:00 PM	4:00 PM	Watershed Management - 2017 (NY-NJ PE)	_____
15	Wednesday	1:00 PM	5:00 PM	Industrial Environ. Management (NY-NJ PE)	_____
16	Wednesday	1:00 PM	5:00 PM	Issues of Emerging Concern - 2017 (NY-NJ PE)	_____
17	Wednesday	1:00 PM	5:00 PM	Instrumentation and Controls (NY-NJ PE)	_____
18	Wednesday	2:15 PM	3:15 PM	Composites (Exhibit Area)	_____
19	Wednesday	4:30 PM	6:30 PM	Ethics Considerations for Engineers (NY-NJ PE)	_____
20	Thursday	8:00 AM	11:00 AM	CSO Concepts for Compliance Part 1 (NY-NJ PE)	_____
21	Thursday	1:00 PM	4:00 PM	CSO Concepts for Compliance Part II (NY-NJ PE)	_____
22	Thursday	8:15 AM	2:00 PM	Safety Workshop (JDOW)	_____
23	Thursday	9:00 AM	11:00 AM	Nutrient Removal – 2017 Part I (NY-NJ PE)	_____
24	Thursday	1:00 PM	4:00 PM	Nutrient Removal Part II – 2-17 (NY-NJ PE)	_____
25	Thursday	9:00 AM	3:30 PM	MABA/NJWEA Biosolids Session (NY-NJ PE)	_____
26	Thursday	9:00 AM	12:00 PM	Collection Operators Workshop (JDOW)	_____
27	Thursday	9:00 AM	4:00 PM	Industrial Operators Workshop (JDOW)	_____
28	Thursday	11:30 AM	12:30 PM	Grease, Slime, Oil (FOG) (Exhibit Area)	_____

**REGISTRATION FORM – PART TWO**

**The John J. Lagrosa 102<sup>nd</sup> ANNUAL CONFERENCE and EXPOSITION of the NJWEA, May 8 - May 12, 2017**

Complete both parts of registration form in full and mail by May 1<sup>st</sup>. Mailings received after May 4<sup>th</sup> will be treated as onsite registrations.

Circle fee or place and X next to each registration choice and sum totals. (Calculate fees using only ONE Non-Member Fee)

PLEASE PRINT CLEARLY. A TWO PAGE REGISTRATION FORM MUST BE COMPLETED FOR EACH REGISTRANT.

\*NOTE: NON-MEMBER REGISTRATIONS INCLUDE ONE YEAR ACTIVE OR PWO MEMBERSHIP IN THE NJWEA AND WEF

<u>PRE-CONFERENCE REGISTRATION AND SPECIALTY REGISTRATION</u>	<u>Pre-Registration</u>		<u>On-Site Registration</u>		<u>TOTAL</u>
	Member	Non Member*	Member	Non Member*	
		Or Renewal (ACTIVE)		Or Renewal (ACTIVE)	
• AAEES Workshop	\$235.00	NA	\$266.00	NA	
• GIS - Asset Management Workshop	\$135.00	\$307.00	\$187.00	\$359.00	
• Driver Safety	\$135.00	\$307.00	\$187.00	\$359.00	
• Engineering a Solution Seminar	\$ 60.00	\$232.00	\$ 65.00	\$237.00	
• AAEES/NJWEA Wes Eckenfelder Breakfast	\$ 27.00	NA	\$ 30.00	NA	
• Hazardous Waste Seminar, 8-Hr OSHA	\$ 106.00	\$278.00	\$127.00	\$299.00	
• PWO Membership Discount <u>If Eligible</u>		-\$ 65.00		-\$ 65.00	
<u>Pre-Conference Registration Sub-Totals</u>					=
	A	B	C	D	= A+B+C+D

<u>CONFERENCE REGISTRATION</u>	<u>Pre-Registration</u>		<u>On-Site Registration</u>		<u>TOTAL</u>
	Member	Non Member	Member	Non Member	
		Or Renewal (ACTIVE)		Or Renewal (ACTIVE)	
• Full Registration (See Page 1 for Description)	\$384.00	\$576.00	\$421.00	\$593.00	
• One Day Registration –Tuesday Only	\$ 77.00	\$249.00	\$117.00	\$289.00	
• One Day Registration –Wednesday Only	\$ 77.00	\$249.00	\$117.00	\$289.00	
• One Day Registration –Thursday Only	\$ 77.00	\$249.00	\$117.00	\$289.00	
• Exhibit Area Only – Thursday Only	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	
• PWO Membership Discount <u>If Eligible</u>		-\$ 65.00		-\$ 65.00	
<u>Conference Registration Sub-Totals</u>					=
	A	B	C	D	= A+B+C+D

<u>SPECIAL EVENTS TICKETS ONLY</u>	Number	Pre-Reg. Cost		Onsite Cost	Extended Amount
Monday Presidents Awards Reception	<u>      </u> X	\$ 50.00	or	\$ 60.00 =	<u>                    </u>
Tuesday Evening Meet & Greet	<u>      </u> X	\$ 83.00	or	\$ 90.00 =	<u>                    </u>
Wednesday Prayer Breakfast	<u>      </u> X	\$ 27.00	or	\$ 30.00 =	<u>                    </u>
Thursday Grand Finale Reception & Afterglow	<u>      </u> X	\$ 75.00	or	\$ 80.00 =	<u>                    </u>
Friday Closing Session/Breakfast	<u>      </u> X	\$ 27.00	or	\$ 30.00 =	<u>                    </u>
<u>Special Events Sub-Total Amount</u>					<u>                    </u>

Pre-Conference Registration Sub-Total Amount Due: \_\_\_\_\_

Conference Registration Sub-Total Amount Due: \_\_\_\_\_

Special Events Sub-Total Amount Due: \_\_\_\_\_

TOTAL AMOUNT DUE: \_\_\_\_\_

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

Darlene Galbraith, Registrar NJWEA P.O. Box 737, Woodland Park, NJ 07424

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

**Lost Badge Fee \$117.00 – PER DAY**

**CANCELLATIONS**  
 Cancellations must be in writing.  
 No phone calls will be accepted.  
 A 25% charge for cancellations made prior to **05/01/17**.  
 Absolutely no refunds will be made after that date.

**BALLY's ROOM RESERVATIONS: CALL (888) 516-2215, ASK FOR NJWEA GROUP CODE SB05WE7 or SC05WE7, OR Book Online At: [HTTPS://AWS.PASSKEY.COM/GO/SB05WE7](https://aws.passkey.com/go/sb05we7)**

**REGISTRATION FORM**

**NJ Tax ID # 22-184-162**

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: \_\_\_/VISA \_\_\_MASTERCARD CARD NO. \_\_\_\_\_

EXP. DATE \_\_\_\_\_ **CVV2 #** (The last 3-digits on the signature area of the card) \_\_\_\_\_

SIGNATURE \_\_\_\_\_

**Spouses get together for Coffee Weds and Thurs Morning – NJWEA Hospitality Room (9 a.m. to 10:30 a.m.)**

**MEET & GREET**

Don't miss the Association's MEET & GREET PARTY on the 6<sup>th</sup> Floor at the Bally's Diamond Club at 7:00 p.m. to 10:00 p.m. on Tuesday night, May 9, 2017. 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 GRAND FINALE-AFTERGLOW RECEPTION**

Join us at Bally's for a new tradition. The Annual Grand Finale and Afterglow Reception will be held Thursday evening, May 11, 2017 at 6:30 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 open bar of the cocktail reception, an Afterglow Social with desserts, coffees and fine digestifs will be offered in the connecting parlor. Throughout the evening, you'll be entertained by the musical renderings of a three-piece jazz ensemble.

**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 PEDDLERS CHALLENGE AND SLUDGE BOWL”**

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 10, 2017 at 3:30 PM. This is a shout out to Manufacturers' Representatives, Consulting Engineers, Contractors or anyone desiring to form a team to compete. Contact Chuck Royer, [CRoyer@daveheinerassoc.com](mailto:CRoyer@daveheinerassoc.com), to express your interest. Three teams will compete. The Victors will have bragging rights and all contestants will receive lovely parting gifts.

**Then there's the SLUDGE BOWL Karaoke at the Mountain Bar in Bally's Wild, Wild West Casino  
(see page 17)**

**Wednesday, May 10, 2017 (9:00 p.m. to ???)**

**“NJWEA COLLEGE OF ENVIRONMENTAL KNOWLEDGE”**

Visit the Exhibit Area on Thursday, May 11, 2017, at 11:00 a.m. Come and test your knowledge of the 100-year history of the NJWEA. 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 at 12:45 p.m.

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

COMMITTEE	CHAIRPERSON
Executive	Thomas Greci
Awards	Rocco J. Maiellano
Biosolids	Mohammad Abu-Orf, PhD
Collection Systems	Louis C. Lambe
Conference Management	John J. Lagrosa
Education Advisory	Chris Hoffman, P.E.
GIS/Asset Management	Brian Brach, P.E.
Industrial Environmental Quality	John Schneekloth, P.E.
Information Mgmt. & Technology	James DeBlock
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.
Site Remediation	Joseph Fallon & Peter Postorino
Young Professionals	Megan Livak & Alyson Lee

**CONFERENCE ACTIVITIES INCLUDE**

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

MONDAY, May 8

- NJWEA President's Award Reception at 5:00 p.m.

TUESDAY, May 9

- 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 at 7:00 p.m. in the Diamond Club

WEDNESDAY, May 10

- Prayer Breakfast (see Page 18)
- Coffee Breaks/Raffle in Exhibit Areas
- Lunch in Exhibit Areas
- Peddlers Challenge (see above)
- Beef and Brew Reception in Exhibit Areas
- Sludge Bowl (see above and page 17)

THURSDAY, May 11

- 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 12

- Breakfast Buffet - Raffle

# The 40<sup>th</sup> Annual NJWEA "Golf Outing"

Date: MONDAY May 8, 2017

Place: **BLUE HERON PINES GOLF CLUB**

550 Country Club Dr. Egg Harbor City, NJ

Tee Off: 9:00am Shotgun Start-Scramble Format

**Carts Mandatory & Included in Fee**

**Fee: \$115.00 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 1<sup>st</sup> and 2<sup>nd</sup> Place
- Longest Drive
- Closest to the Pin

Please Reply By April 28, 2017

Room Reservations -888-516-2215-Identify-Group Code-SB05WE7-For Bally's or SCO5WE7-For Caesars Ask for NJWEA 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 # 222-184-162**

## 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.      \$27.00      NOTE: ADD \$3.00 FOR ONSITE TICKET  
PURCHASED FOR EACH EVENT

Golden Manhole Society Lunch – Tuesday at 12:00 noon      \$32.00

Name: \_\_\_\_\_ Phone # (\_\_\_\_) \_\_\_\_\_

Address: \_\_\_\_\_

Employer \_\_\_\_\_ Check # \_\_\_\_\_

\_\_\_\_ VISA      MASTERCARD      Exp. Date: \_\_\_\_\_ Card Number \_\_\_\_\_

Signature: \_\_\_\_\_

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

**Darlene Galbraith, 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 4/30/17. Absolutely no refunds will be made after that date.**

**On- Site REGISTRATION HOURS**

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

**EXHIBIT HOURS**

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

**REGISTRATION COORDINATOR**

DARLENE GALBRAITH  
 OFFICE: (973) 239-9200  
 FAX: (973)239-9239  
 EMAIL: Dgalbraith@njwea.org

**NJWEA OFFICERS**

Thomas Greci, President  
 Robert J. De Block, President Elect  
 John Reardon, Jr., Vice President  
 John J. Lagrosa, Executive Director

**CONFERENCE MANAGER**

John J. Lagrosa – (201) 296-0021

**CONFERENCE VICE CHAIRS**

Henry Penley  
 Richard D. Eustace  
 Robert Sokolowski

**PROGRAM COMMITTEE**

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

**INDUSTRIAL COMMITTEE**

John S. Schneckloth, PE, Chair

**LABORATORY COMMITTEE**

Christopher Nally, Chair

**COLLECTION COMMITTEE**

Louis C. Lambe, Chair

**OPERATIONS CHALLENGE**

Timothy Fisher, Chair  
 Katherine Collinge, Spring Fling Coordinator

**SITE REMEDIATION COMMITTEE CO-CHAIRS**

Joseph Fallon, REM  
 Peter Postorino

***The NJWEA 102<sup>nd</sup> John J. (Jack) Lagrosa Annual Conference and Exposition Agenda  
 at Bally's Atlantic City for May 2017 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).

***NJWEA GIS/Asset Management Workshop, AAES Workshop, Air Pollution, Hazwoper, Energy Recovery and Conservation and much more.***

**MONDAY, MAY 8, 2017**

**AAES Workshop - Energy Management  
 for Water and Resource Recovery  
 Facilities**

(8:30 a.m. to 4:15 p.m.) (TCH Hours: 6 WW)  
 NJDEP Course No. 03-03 17 03 2-0  
 CPWM No. NJWEA-DLGS-973 Tech. 6 Hrs.  
 NYPE 6; NJPE 6

Wastewater treatment plants are not waste disposal facilities but are water resource recovery facilities (WRRFs) that produce clean water, recover nutrients (such as phosphorus and nitrogen), and have the potential to reduce the nation's dependence on fossil fuels through the production and use of renewable energy and the implementation of energy conservation (WEF 2011). Thus, WRRFs have a key contribution to make to the sustainability revolution. This program brings together experts with knowledge on energy management for WRRFs. These include applications of energy master planning, audits and monitoring, optimization, microgrids, and proven and innovative technologies to generate renewable energy from wastewater.

Moderators: David A. Marabello, PE, BCEE, Principal Engineer, CDM Smith  
 David A. Vaccari, PhD, PE, BCEE, Professor, Stevens Institute of Technology  
 Jay Surti, PE, Suez

8:30 a.m. Introduction, David A. Marabello, PE, BCEE, Principal Engineer, CDM Smith and David A. Vaccari, PhD, PE, BCEE, Professor, Stevens Institute of Technology

- 8:45 a.m. “Trends and Technologies for Energy Management for Industrial and Municipal Projects,” Joseph G. Cleary, PE, BCEE, Geosyntec Consultants (NJ)
- 9:15 a.m. “Keys to an Effective Wastewater Treatment Plant Energy Audit,” Robert Pape, PE, AECOM (NJ)
- 9:45 a.m. “Managing Water and Wastewater Utility Data to Reduce Energy Consumption and Cost,” Mohammad Badruzzaman, PhD, PE, BCEE, MWH Stantec
- 10:15 a.m. “Assessing the Value of Microgrids for Water and Wastewater Utilities,” Ajay Kasarabada, Black & Veatch (KS)
- 10:45 a.m. BREAK
- 11:00 a.m. “The Sustainable Wastewater Facility,” Angela Hintz, PE, Arcadis (NY)
- 11:30 a.m. “Energy and Process Optimization at the Water and Resources Recovery Facilities,” S. Rao Chitikela, PhD, PE, BCEE, Johnson Controls, Inc. (OH)
- 12:00 p.m. LUNCH
- 1:00 p.m. “Got Gas? Use it for Vehicle Fuel under the Updated Renewable Fuel Standard,” John Willis, PE, BCEE, Brown & Caldwell (GA)
- 1:30 p.m. “Mixing Steam and Sludge: Wastewater Treatment Plant Thermal Hydrolysis and the Systems that Power It,” C. Douglas Werme, PE, CEM, CEA and Brian McLean, PE, LEED AP, CDM Smith (NY)
- 2:00 p.m. “Fluid Bed Municipal Sludge Incinerators and Steam Turbine to Generate Power,” Levant Takmaz, PhD, Suez (VA)

- 2:30 p.m. "Cost-Effective Utilization of Biogas," Alan Zelenka, Kennedy/Jenks Consultants (OR)
- 3:00 p.m. BREAK
- 3:15 p.m. "Mesophilic Deamonification - Low-Energy Treatment Process for High Ammonia Loading Side Streams," Christophe Desmottes, Suez R&D Center (VA)
- 3:45 p.m. "Torrefaction, Pyrolysis and Gasification-Thermal Process for Resource Recovery and Biosolids Management," Jeanette Brown, PE, BCEE, Manhattan College (NY)
- Alternate 1 "Energy Use Optimization and Recovery Strategies to Strive for Energy Neutrality," Jay Surti, PE, Suez (NJ)
- Alternate 2 Energy and Power 101 - Basics of Conversions and Calculation," David A. Vaccari, PhD, PE, BCEE, Stevens Institute of Technology (NJ)

## **GIS and Asset Management**

(9:00 a.m. to 4:30 p.m.) (TCH Hours: 6 W & WW)

NJDEP Course No. 03-03 17 04 3-0

CPWM No. NJWEA-DLGS-974 Tech. 6 Hrs.

NYPE 6; NJPE 6

Moderators: Stephen R. Blankenship, P.E., Executive Director, Hamilton Township MUA  
Brian J. Brach, P.E., Executive Director, Manasquan River RSA

9:00 a.m. "Utilizing ArcGIS for a Comprehensive View of Your Utility," Santino DePaul, Account Executive, ESRI and Matthew Kennedy, Solutions Engineer, ESRI

9:00 a.m. ArcGIS Platform

9:30 a.m. White House Utility Video

9:40 a.m. Asset Management: Getting Data in Order (CADD, Excel, Paper into GIS)

10:15 a.m. BREAK

10:30 a.m. Connecting Business Systems

11:00 a.m. Leveraging Business Systems in the Field

11:30 a.m. Operational Awareness

12:00 p.m. LUNCH

1:00 p.m. Emergency Response Planning (Analysis of System)

1:30 p.m. Capital Improvement Planning (Proactive View of the Utility)

2:00 p.m. Closing and Q&A

2:15 p.m. "WWTP Evaluation as Part of a Sustainability Initiative," Tim Daily, Senior Engineer II, Pennoni

2:45 p.m. BREAK

3:00 p.m. "Case Study: Asset Management Plan Developed for PVSC," Kevin Slaven, Associate Vice President, Arcadis

3:30 p.m. "Case Study: Asset Management Plan Developed for Rahway Valley Sewerage Authority," Howard Matteson, Senior Project Manager, CDM Smith

4:00 p.m. Asset Management Round Table: Round Table to Discuss Emerging Issues, Touching Upon Topics from the GIS & Asset Management Session

## **Driver Safety**

(9:00 am to 4:00 pm) (TCH Hours: 6 Safety)

NJDEP Course No. 03-02 06 03 3-1

CPWM No. NJWEA - 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 - 2017**

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

NJDEP Course No. 03-03 17 05 3-0

CPWM No. NJWEA-DLGS-975 Tech. 3 Hrs.

NYPE 3; NJPE 3

Moderators: Joseph Polomene, PE, Associate, Sherwood-Logan & Associates  
Roseann Pettrow, Sales Associate, Dave Heiner Associates, Inc.

1:00 p.m. "Optimizing Secondary Clarifiers - What Have We Learned?," John K. Esler, PE, Clarifier Performance Evaluations, Inc.

1:45 p.m. "Choosing the Right Blower Technology for Your Wastewater Treatment Plant", Zachary Azra, Atlas Copco

2:30 p.m. "Alternatives for Chemical Treatment of Hydrogen Sulfide and Corrosion," Ali Trolhier, EIT, ECO Oxygen Technologies

3:15 p.m. "Biomag Innovative Sludge Process for Phillipsburg WWTP Upgrades," Jessica Norkis, PE and Dennis Yodder, PE, Remington & Vernick Engineers

## **NJWEA President's Award Reception**

(5:00 p.m.)

# **TUESDAY, MAY 9, 2017**

## **AAEES/NJWEA Wesley Eckenfelder Memorial Breakfast**

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

NJDEP Course No. 03-03 17 06 3-0

CPWM No. NJWEA-DLGS- 913 Tech. 1 Hr.

NYPE 1; NJPE 1

7:00 a.m. "Energy Management for WRRFs - Does it Matter? Should it Matter?," Art Umble, PhD, PE, BCEE, MWH Stantec (CO)

## **Collection System Manager's Workshop**

(8:00 a.m. to 12:00 p.m.) (TCH Hours: 4.0 WW)

NJDEP No. 03-03 17 07 2-0

CPWM No. NJWEA-DLGS- 977 Tech. 4 Hrs.

Moderators: William T. Suchodolski, PE Engineering Manager, Ocean County Utilities Authority  
Louis C. Lambe, IPP/GIS Engineer, Passaic Valley Sewerage Commission

8:00 a.m. Introduction to Program and Collection System Committee Updates

8:15 a.m. "Force Main Condition Assessment Introducing the Non-Invasive p-CAT," Paul Schumi, Business Development Manager, Hydromax USA

- 9:00 a.m. "Innovative Flow Technology for the Wastewater Industry," Joseph Poplawski, Sales Manager - North America, CiDRA
- 9:45 a.m. "An Economical, Low-Impact Wastewater Collection System," Julie Barown, PE, Municipal Systems Engineer, Orenco Systems, Inc.
- 10:30 a.m. "The Future of GIS - Holographic Technology," Alec Pestov, CEO, Meemim Corporation
- 11:15 a.m. "Digital Camera Systems Improve Collection System Inspection and Evaluation," Chris Parker, Cues RSM Florida
- 12:00 p.m. CERTIFICATE DISTRIBUTION

### **Laboratory Workshop - 2017**

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

NJDEP No. 03-03 17 08 2-0

CPWM No. NJWEA-DLGS-978 Tech. 4 Hrs.

Moderators: Christopher Nally, President, American Aquatic Testing, Inc.

Jennifer Marques, Laboratory Manager, Passaic Valley Sewerage Commission

- 8:30 a.m. Opening Remarks and Instructions
- 8:45 a.m. "NJDEP Regulatory Update," Deb Waller, NJDEP Office of Quality Assurance
- 9:45 a.m. "Laboratory and Operator Routine Equation Review," Sharon Ercoliani, Laboratory Manager, Garden State Laboratories
- 10:15 a.m. Whole Effluent Toxicity Testing Basics and Regulatory Overview," Christopher Nally, President, American Aquatic Testing and Stephen Seeburger, NJDEP
- 11:00 a.m. BREAK
- 11:15 a.m. "What's Happening in the World of Environmental Microbiology?," Deb Waller, NJDEP Office of Quality Assurance
- 12:00 p.m. "A Day in the Life of Large Municipal Wastewater Laboratory," Alexia Barlikas, CH2M
- 12:30 p.m. "Using the Microscope to Evaluate Activated Sludge Health and Activity," Michael Foster, CET, Inc.

### **Wastewater Treatment Operator's Program - Spring 2017**

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

NJDEP No. 03-03 17 09 2-0

CPWM No. NJWEA-DLGS-979 Tech. 4 Hrs.

Moderators: Christopher Manak, Superintendent, Madison-Chatham Joint Meeting

Srinivas D. Gidugu, PE, HAKS

Jeffrey Williams, Executive Director of Operations, Delran Township Sewer Utility

- 8:30 a.m. "Village of Northport, NY, WWTP Upgrades to Protect Long Island Sound," Stephen Hadjiyane, PE, Vice President, Gannett Fleming
- 9:00 a.m. "Intelligent Wastewater Pumps – The Next Pump Industry Breakthrough," Robert Domkowski, Engineering Consultant, Xylem, Inc. - Flygt
- 9:30 a.m. "Peracetic Acid Disinfection," Christopher B. Jepsen, PE, Senior Professional Engineer, Van Cleef Engineering Associates
- 10:00 a.m. BREAK
- 11:00 a.m. "Got Foam? NJ Facility Controls Foaming with Simple, Effective Techniques," Jurek Patoczka, PE, Vice President, Mott MacDonald

- 11:30 a.m. "Trash Talk: Design of Effective Screening Systems," Roger Parkhurst, Engineered Equipment Representative, PSI Process and Equipment
- 12:00 p.m. "Results of Retrofitting an Existing Wastewater Treatment Plant to Achieve Nitrogen Removal via Nitrification/Denitrification, Screenings Removal and Grit Removal," Christopher J. Pizarro, PE, Engineering IV, Mott MacDonald
- 12:30 p.m. "Cost-Effective On Site Generators for Water/Wastewater Disinfection," Randy Otts, Product Manager, Parkson Disinfection Equipment
- 1:00 p.m. "Sufficiently Sensitive Test Method: A Small Change to Your Permit that could have Large Implications," Joseph Schwarz, PE, Project Engineer, Kleinfelder

### **8-Hour HAZWOPER Refresher**

(8:30 a.m. to 4:30 p.m.) (TCH Hours: 8.0 Safety)

NJDEP No. 03-01 03 04 3-1

CPWM No. NJWEA-DLGS-105 Tech. 8 Hrs.

Moderators: David Grupp, The Linde Group  
Tom Greci, ECM, Inc.

Instructors: David Grupp, The Linde Group  
Ed Goode, AWT Environmental Services, 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

### **Pipeline Assessment & Certification Program - Day 1**

(9:00 a.m. – 3:30 p.m., See page 16)

### **Energy - Spring 2017**

(9:00 a.m. to 12:00 p.m.) (TCH Hours: 3 WW)

NJDEP Course No. 03-03 17 10 3-0

CPWM No. NJWEA-DLGS- 980 Tech. 3 Hrs.

NYPE 3; NJPE 3

Moderators: Gary Grey, Sr., Professional Associate, HDR  
Janine Witko, PE, Water Business Leader, Arup

9:00 a.m. "Pumping System Assessments Utilizing Flow Analysis and Modeling Software," William C. Livoti, WEG in conjunction with the Hydraulic Institute

9:30 a.m. "Net Zero Energy: Aeration," David J. Silverman, PE, PSI Process and Equipment

10:00 a.m. "WWTP Microturbine Cogeneration Facility Improving Plant Energy Efficiency," Stephen Hadjiyand, Gannett Fleming and Christopher



- Murphy, Great Neck Water Pollution Control District
- 10:45 a.m. "Fredrick-Winchester Green Energy Project," George Bevington, Gerhardt LLC and Dennis Clough, Energy Systems Group
- 11:30 a.m. "Automating Demand Response in NJ Wastewater and Water Facilities," Laurie Weigand-Jackson, IPKeys Power Partners

## **Air Pollution - Greenhouse Gas Presentations - 2017**

(9:30 a.m. to 4:30 p.m.) (TCH Hours: 5.5 WW)  
 NJDEP Course No. 03-03 17 11 3-0  
 CPWM No. NJWEA-DLGS- 981 Tech. 5.5 Hrs.  
 NYPE 5; NJPE 5

- Moderator: Richard Erickson, Marketing Area Director, First Environment
- 9:30 a.m. "Sea Level Rise and Coastal Flood Risk in NJ: Tools and Analysis - Potential Impacts on New Jersey Authorities - A Quick Case Study," Dan Rizza, Climate Central
- 10:30 a.m. BREAK
- 10:40 a.m. "Biogas Combustion and the Cause of Corrosion for Heat Recovery Units," Rich Cestone, PE, CHMM, Remington & Vernick Engineers
- 11:50 a.m. LUNCH
- 12:50 p.m. "Air Permitting Issues and Solutions," Sunita Dhar, PhD, First Environment
- 1:40 p.m. "Algae Cultivation from Biomethane Combustion for Profitable CO<sub>2</sub> CH Mitigation," Ed Weinberg, President, ESSRE Consulting, Inc.
- 2:30 p.m. BREAK
- 2:40 p.m. "Microgrids + Cogeneration = Greenhouse Gas Reduction + Resiliency," Fredrick Fastiggi, Principal, Shoreline Energy
- 3:40 p.m. "Climate Change Emerging Standards and Best Practices," B. Tod Delaney, PhD, PE, BCEE, President, First Environment, Inc.

## **Resiliency Session - 2017**

(1:30 p.m. to 4:30 p.m.) (TCH Hours: 3 W & WW)  
 NJDEP No. 03-03 17 12 3-0  
 CPWM No. NJWEA-DLGS-982 Tech. 3 Hrs.  
 NYPE 3; NJPE 3

- Moderators: Gary Grey, Sr., Professional Associate, HDR  
 Janine Witko, PE, Water Business Leader, Arup
- 1:30 p.m. "Assessing Threats and Risks for Long-Term Resiliency - It's Not Just Once and Done," William McMillin, PE, CH2M
- 2:00 p.m. "PVSC Resiliency Program - Status Report," Steve Biuso, PE, AECOM and Lina Posso, PE, HDR Engineering, Inc.
- 2:30 p.m. "Perimeter Flood Wall Mitigation to Protect the Sayreville Pump Station," Richard Adelson, PE, Frank H. Lehr Associates, Richard L. Fitamant, PE, Middlesex County Utilities Authority and Michael J. Samuel, PE, R3M Engineering, Inc.
- 3:00 p.m. "Standby Power Resiliency to Maintain Operations at the Sayreville Pump Station," Thomas Batten, PE, Concord Engineering Group, Donato J. Tanzi, PE, Middlesex County Utilities Authority and Michael J. Samuel, PE, R3M Engineering, Inc.

- 3:30 p.m. "InfoWorks ICM: A Tool to Assess Impact of a Storm Surge and Assess Effectiveness of Mitigation Measures," Dmitrijs Obolovics, PE and Eme Williams-Blake, PE, Arup
- 4:00 p.m. "Increasing Resilience: Hardening the Levee Infrastructure along the Elizabeth River," Christopher Pizarro, PE and Peter Ripkey, PE, Mott MacDonald
- Alternate: "Maintaining Pumping Capacity Before, During and After Hurricane Sandy at the Sayreville Pump Station," Michael J. Samuel, PE, R3M Engineering, Inc., Donald J. Tanzi, PE, Middlesex County Utilities Authority and Richard I. Fitamant, PE, Middlesex County 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 - Controlling Flow , Advanced Disinfection and Pumps**

(2:00 p.m. to 4:00 p.m.) (TCH Hours: 2 W & WW)  
 NJDEP 03-02 17 12 3-0

- CPWM No. NJWEA-DLGS-983 Tech. 2 Hrs.  
 Moderators: John A. Mele, Regional Manager, Hobas Pipe USA  
 John Corkery, Municipal Sales Manager, PSI Process & Equipment
- 2:00 p.m. "Controlling Very Large Flows with Rubber Dams and Unique Gates, Simon Moseley, PE, Engineer, Atlantic Fluid Technology
- 3:00 p.m. "Advanced Disinfection Methods and Process Control," Bruce Stevens, Eastern Regional Manager, ASA Analytics and Scott Kahle, Vice President of Engineering, ASA Analytics
- 3:30 p.m. "Pump Talk for Operators - Pump Station Design and Terminology," Sean Paratore, Application Engineer, Pumping Services, Inc.

## **Innovative Technology Forum - 2017**

(2:00 p.m. to 4:00 p.m.) (TCH Hours: 2 W & WW)  
 NJDEP No. 03-03 17 14 3-0

- CPWM No. NJWEA-DLGS-984 Tech. 2 Hrs.  
 NYPE 2; NJPE 2  
 Moderators: Stephen Rozewski, Vice President, Bendlin Incorporated  
 John Gardner, Sales Associate, Bendlin Incorporated
- 2:00 p.m. "Mobile Sewage Pump Stations," Michael Witkowski, COO and Nick Gelston, Electrical Project Manager, Pritchard Brown LLC
- 2:30 p.m. "Sustainable Innovation of FRP as an Alternative for Traditional Materials," Don Ganegoda, Director of Engineering, EDGENG
- 3:00 p.m. "Protecting and Providing the Optimal Operating Environment for Your Critical Equipment and Processes," John Miller, Director of Sales and Operations, Shelter Works
- 3:30 p.m. "Application and Maintenance of Hoists, Cranes and Monorails for the Wastewater Treatment Industry," Steve Cordell, President, Cordell and Associates, Inc.

# WEDNESDAY, MAY 10, 2017

## 32<sup>nd</sup> 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. "My Indian Name is 'Falls-Off-Horses' (God's gifts don't always come to us in attractive wrapping.)," Robert Fischer, ED, Bayshore Regional Sewerage Authority

### Student Session

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

Moderators: Steve Yergeau, PhD, County Agent, Rutgers Cooperative Extension  
Megan Livak, Coordinator, Marketing & New Business Development, Van Cleef Engineering  
Alyson Lee, Business Development/Project Manager, CSL Services, Inc.

8:30 a.m. Student and YP Orientation, Coffee and Danish  
8:50 a.m. Student and YP Meet and Greet  
9:30 a.m. NJWEA Update, Thomas Greci, NJWEA President  
9:35 a.m. Federation Address, Rick Warner, 2016-2017 WEF President  
9:45 a.m. Student Scholarship Awards Program, Peter Strom, PhD, Rutgers University and Steven Yergeau, PhD, Rutgers Cooperative Extension  
10:00 a.m. Catherine McCabe, Acting Regional Administrator, USEPA Region 2  
10:45 a.m. Keynote Address by NJDEP Commissioner Martin or Designee  
12:00 p.m. Poster Session Set-Up / Exhibit Hall Tour  
12:30 p.m. Poster Session Judging  
2:00 p.m. Student/YP Program Session Welcome, Thomas Greci, NJWEA President and Rick Warner, 2016-2017 WEF President  
2:15 p.m. YP and Student Professional Development Workshop  
3:10 p.m. Young at Heart Award  
3:15 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  
4:00 p.m. Poster Competition Awards, Peter Strom, PhD, Rutgers University and Steven Yergeau, PhD, Rutgers Cooperative Extension  
4:15 p.m. CLOSING REMARKS, Alyson Lee, Business Development/Program Manager, CSL Services and Megan Livak, Coordinator, Marketing and New Business Development, Van Cleef Engineering

### Pipeline Assessment & Certification

#### Program - Day 2

(9:00 a.m. to 3:30 p.m., See page 16)

## Maintenance Workshop - 2017

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

NJDEP No. 03-03 17 15 3-0

CPWM No. NJWEA-DLGS-985 Tech. 5 Hrs.

Moderators: Roman Wisniewski, Plant Maintenance Manager, Joint Meeting of Essex & Union Counties  
Joel Altman, Assistant Maintenance Manager, Joint Meeting of Essex & Union Counties  
Chris Garaffa, Sales Engineer, PCS Pump and Process

9:00 a.m. "Water Smart Mechanical Seal Systems," Cathy Wilson, PE, Reliability Technology Manager, Sunair Co.  
9:45 a.m. "Digital Solutions for Maintenance Monitoring," Scott D. Wenger, PE, Sales Engineer, Digital Mentor  
10:30 a.m. "Advantages of Composite Pump Components," Michael Provine, Sales, Sims Pump Valve Company, Inc.  
11:15 a.m. "Benefits of Low Pressure Sewer Grinder Pumps," John Riley, Engineered Sales Manager, Pentair  
12:00 LUNCH  
2:00 p.m. "Making Your Own Chlorine," Gary Schaeffer, Regional Sales Manager, PSI On-Site Disinfection UGSI Solutions, Inc.  
2:40 p.m. "How to Control Water Hammer," Fred Haines, Owner, Harper Haines Fluid Control  
3:20 p.m. "Valves and Valve Automation," Bill Richardson, Jr., Raritan Valve and Automation

### Plenary Session - 2017

(9:30 a.m. to 12:00 p.m.)

Moderators: Thomas Greci, NJWEA President  
Thomas Amidon, Principal Water Resources Scientist, Kleinfelder

9:30 a.m. NJWEA Update, Thomas Greci, NJWEA President  
9:35 a.m. "Federation Address," Rick Warner, 2016-2017 WEF 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

NJDEP No. 03-03 17 15 3-0 (TCH Hours: 2 W & WW)  
CPWM No. NJWEA-DLGS-985 Gov. 2 Hrs.

10:00 a.m. Catherine McCabe, Acting Regional Administrator, USEPA Region 2 or Designee  
10:45 a.m. Keynote Address by NJDEP Commissioner Martin or Designee  
11:30 a.m. Q&A Session with Commissioner Martin or Acting Regional Administrator McCabe - People who have questions for Commissioner Martin or Acting Regional Administrator McCabe are encouraged to contact Tom Amidon ([TAmidon@Kleinfelder.com](mailto:TAmidon@Kleinfelder.com)) 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 W & WW)

NJDEP No. 03-03 17 17 3-0

CPWM No. NJWEA-DLGS-987 Tech. 3 Hrs.

NYPE 3; NJPE 3

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

Thomas A. Laustsen, PE, BCEE, Associate, CDM Smith

Colin Ferguson, PE, Project Manager, Kleinfelder

- 1:00 p.m. "Clearing Up Changes, Claims and Disputes," Kevin O'Beirne, PE, FCSI, CCS, CCCA, Principal Engineer and Manager of Standard Construction Documents, Arcadis
- 2:00 p.m. "New Challenges Facing NJPDES Permit Holders - Subtle Changes to Regulations and Policies Result in Big Impacts," James F. Cosgrove, Jr., PE, vice President/Principal, Kleinfelder
- 2:30 p.m. "Peracetic Acid - Fact or Fiction?," Brian Hilts, PE, Project Manager, CDM Smith
- 3:00 p.m. "Chemical Precipitation of Phosphorus - Not as Bad as You Might Think!," Jurek Patoczka, PE, Vice President, Mott MacDonald
- 3:30 p.m. "Post Aerobic Digestion: A Comprehensive but Simple Biosolids Management Process," Bryen Woo, Product Manager, Ovivo USA, LLC

## **Industrial Environmental Management Session - 2017**

(1:00 p.m. to 5:00 p.m.)

NJDEP No. 03-03 17 19 2-0 (TCH Hours: 4 WW)

CPWM No. NJWEA-DLGS-989 Tech. 4 Hrs.

NYPE 4; NJPE 4

Moderators: John Schneekloth, PE, Vice President, Mott MacDonald

Roger Guttschall, Process Equipment

- 1:00 p.m. "Innovative Processes Providing Combined Flow Equalization and Biological Treatment Simultaneously for Enhanced Wastewater Treatment Performance," Susan Pilgram, MS Civil Engineering, Parkson Corporation
- 1:30 p.m. "An Innovative Approach to Brewery Waste Treatment at the Alchemist Brewery," Daniel Dair, World Water Works, Inc., Michael Smith, Weston & Sampson-Waterbury, VT, and Steve Miller, Alchemist Brewing-Stowe, VT
- 2:00 p.m. "Use of Modeling for Optimization of Activated Sludge Design," Jurek Patoczka, PhD, PE, Vice President, Hatch Mott MacDonald
- 2:30 p.m. "Selenium Treatment," Joseph G. Cleary, PE, BCEE, Senior Principal, GeoSyntec
- 3:00 p.m. "Living Operating Manual Concept to Enhance Operations!," PR Senthilnathan, Technical Director, Envirogen, Inc.
- 3:30 p.m. "Anaerobic Digester Pretreatment of High Strength Food Wastewater - Case History," Manaf Farhan, PhD, PE, Environmental Management Group International, Inc.
- 4:15 p.m. "Cosmetic Industry Wastewater Treatment Case History - Design and Commissioning," Speaker TBC, World Water Works
- 5:00 p.m. SESSION ENDS

## **Issues of Emerging Concern - 2017**

(1:00 p.m. to 5:00 p.m.)

NJDEP No. 03-03 17 20 3-0 (TCH Hours: 4 W & WW)

CPWM No. NJWEA-DLGS-990 Tech. 4 Hrs.

NYPE 4; NJPE 4

Moderators: Gary Lohse, P.E., Regional Sales Manager, De Nora Water Technologies

Vijesh Karatt Vellatt, P.E., LEED AP, Associate, Greeley and Hansen

- 1:00 p.m. "Becoming a WaterSense Partner Just Makes Sense," Janice Whitney, WaterSense Liaison, USEPA
- 1:30 p.m. "Ultra-low TRC Limit leads to PAA Disinfection Pilot at NY WWTP," Elizabeth Maio, Engineer 1, O'Brien & Gere Engineers
- 2:00 p.m. "Optimizing Capital Investment Breaking 'Status Quo'," David Smith, Business Development Manager, Pure Technologies
- 2:30 p.m. "The Forgotten Asset - Using Asset Management to Drive Workforce Development and Succession Planning," Andrew Holt, PE, Suburban Consulting Engineers, Inc.
- 3:00 p.m. "Doing More with Less: Biologically Enhanced Primary Treatment," Jared Alder, Technical Manager, Evoqua Water Technologies
- 3:30 p.m. "Ballasted Flocculation Processes for Nutrient Removal at WWTPs in the Chesapeake Bay Watershed," Thomas Miles, Technical Sales Manager, Evoqua Water Technologies
- 4:00 p.m. "Enhanced Dewatering and Odor Control at Middlesex County Utilities Authority," Victor Santamarina, Superintendent, Middlesex County Utilities Authority and Alan Burke, Chemical Engineer, LANXESS Corporation
- 4:30 p.m. "Chemical Metering Pumps in Water and Wastewater - A Primer," Joseph W. Pyrz, PhD, Regional Manager, Pyrz Water Supply

## **Instrumentation and Controls Session**

(1:00 p.m. to 5:00 p.m.)

NJDEP No. 03-03 17 21 3-0 (TCH Hours: 4 W & WW)

CPWM No. NJWEA-DLGS-991 Tech. 4 Hrs.

NYPE 4; NJPE 4

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

- 1:00 p.m. "The Basics of Process Control Instrumentation," Philip Schwartz, PE, President, Keystone Engineering Group, Inc.
- 2:00 P.M. "Analyze This: Instrumentation for Effective Process Control," Denis O. Rehse, Process Sales, PSI Process Equipment
- 3:00 p.m. "Equipment Inspections Using GIS on Mobile Devices," Suzanne Zitzman, GISP, Principal Associate, Maser Consulting
- 4:00 p.m. GIS Mapping / Asset Management through a Cooperative Effort Between Owner and Consultant," Edward Traina, PE, CME Associates and Jason Ciak, EIT, CME Associates

## **Watershed Management - 2017**

(2:00 p.m. to 4:00 p.m.)

NJDEP No. 03-03 17 18 2-0 (TCH Hours: 2 WW)

CPWM No. NJWEA-DLGS-988 Tech. 2 Hrs.

NYPE 1; NJPE 2

Moderators: William J. Muszynski, PE, Retired  
Amy L. Shallcross, PE, Water Resources  
Operations, River Basin Commission

- 2:00 p.m. "Water Quality Standards for Aquatic Life for the Delaware Estuary: Revision Process and Potential Outcomes," Thomas J. Fikslin, PhD, Director, Science and Water Quality Management, Delaware River Basin Commission
- 2:30 p.m. "Pharmaceuticals in Wastewater," Timothy Wilson, PhD, USGS – New Jersey Science Center
- 3:00 p.m. "Addressing Microplastic Pollution in Urban Watersheds," Sandra Meola, Communication and Outreach Associate, NY/NJ Baykeeper
- 3:30 p.m. "Overview of Polychlorinated Biphenyls (PCBs) Pollution Minimization Plans (PMPs) and Experience," Bradley Pferdehirt, Project Engineer and Glenn Miller, Staff Engineer, Pennoni

## **Exhibit Area Presentation - Composites**

(2:15 p.m. to 3:15 p.m.)

NJDEP No. 03-03 17 22 3-0 (TCH Hours: 1 W & WW)

CPWM No. NJWEA-DLGS-992 Tech. 1 Hr.

Moderator: Stephen Rozewski, Vice President, Bendlin Incorporated

- 2:15 "Composite Presentation: Differences in the Various Types of Composites on the Market Today," John A. Kozel, President and Vladimir Spektor, Director of Engineering, Simsite Pump and Valve Company

## **Peddlers Challenge – Exhibit Area**

(2:15 p.m. to 3:15 p.m.) See page 4 for more information

## **Ethics Considerations for Engineers**

(4:30 p.m. to 6:30 p.m.)

NJDEP No. 03-08 11 15 3-0 (TCH Hours: 2 W & WW)

CPWM No. NJWEA-DLGS-608 Ethics 2 Hrs.

NYPE 2; NJPE 2

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

Instructor: Michael D. Witt, Esq., Chasen Leyner & Lamparello, PC

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...!

## **Sludge Bowl Karaoke at the Mountain Bar in Bally's Wild, Wild West Casino (see page 17)**

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

## **THURSDAY, MAY 11, 2017**

### **Collection System Operators Workshop**

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

NJDEP No. 03-03 17 27 2-0

CPWM No. NJWEA-DLGS-997 Tech. 4 Hrs.

Moderators: Robert Snyder, Assistant Operations Manager, PARSA

- Basil D'Armiento, Operations Specialist, CDM Smith
- 8:00 a.m. Introduction to Program and Collection System Committee Updates
- 8:15 a.m. "Cleaning a Pressure Main is Not That Simple," Joseph Schotthoefer, Vice President of Operations, Doetsch Environmental Services
- 9:00 a.m. More Connections = Less Wastewater Flows - The NBCJMA Story," Edward L. Woyden, Jr., PE and Warren Gormley, Gannett Fleming, Inc.
- 9:45 a.m. "Introduction to Quick Lock," Jordan Eickelberger, Pipeline Renewal Technologies
- 10:30 a.m. "Improving Biofilter Performance by Optimizing Media Irrigation and pH Control," Justin Stewart, Applications Engineer, Evoqua Water Technologies
- 11:15 a.m. "Pump Basics 'What Every Operator Should Know,'" Daniel A. Madden, PE, Senior Associate, Johnson, Mirmiran & Thompson, Inc.
- 12:00 p.m. CERTIFICATE DISTRIBUTION

### **CSOs: Concepts for Compliance**

Part I: NJDEP No. 03-03 17 28 2-0 (TCH Hours: 3 WW)

CPWM No. NJWEA-DLGS-998 Tech. 3 Hrs.

NYPE 2; NJPE 3

Part II: NJDEP No. 03-03 17 29 2-0 (TCH Hours: 3 WW)

CPWM No. NJWEA-DLGS-999 Tech. 3 Hrs.

NYPE 3; NJPE 3

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

Moderators: William E. McMillin, Jr., PE, D.WRE, CH2M Daniel Eagan, PE, Project Manager, JBL Electric, Inc.

- 8:00 a.m. "NJ CSO Program Update, Joseph Mannick and Susan Rosenwinkel, NJDEP
- 8:30 a.m. "New Solution for Wet Weather Treatment - Cloth Media Filtration," John D. Dyson, Product Channel Manager - AquaPrime, Aqua-Aerobic Systems, Inc.
- 9:00 a.m. "Smart City Analytics: A Big Data Analysis Platform for Utility Managers," Ajay Prasad, PE, Water Resources Engineer, CDM Smith, Inc.
- 9:30 a.m. "Filtration and CSO - What Have We Learned?," John Shepherd, PE, Vice President – Technology, Schreiber, LLC
- 10:00 a.m. "Upstream Adaptive Controls - Maximize Your Effective CSS Storage," Marcus Quigley, OptiRTC
- 10:30 a.m. "UV Disinfection – How to Determine the Most Appropriate Design Criteria for Combined Sewer

Overflows (CSOs)," Chengyue Shen, CDM Smith, Inc.

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

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

Marques Eley, PE, Engineer, Passaic Valley Sewerage Commission

1:00 p.m. "Sewer System and Ambient Water Quality Modeling for LTCPs," Tim Groninger, PE, PMP, Senior Project Manager, HDR Inc.

1:30 p.m. "Why Use a Receiving Water Model to Support the Development of a CSO LTCP?," Richard R. Isleib, PE, Senior Project Manager, HDR Inc.

2:00 p.m. "Passaic River and Tributary Pathogen Trackdown Monitoring Project," Stanley Stephansen, Physical Scientist, US EPA, Region 2

2:30 p.m. "CSO Tunnels and Storage," Justin Carl, Project Engineer, Greeley and Hansen LLC

3:00 p.m. "Bayonne Wet Weather Demonstration Project Update," Stan Cach, PE, PP, BCEE, WRE, Project Manager, NJDEP and John Dening, PE, Senior Project Engineer, Mott MacDonald

Alternate: "Green Infrastructure Roadshow," David Ksnyiak, PE, Project Manager, CDM Smith and Sheldon Lipke, PE, Principal Consultant, SJL Environmental Consulting

## **Safety Workshop - 2017**

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

NJDEP No. 03-03 17 24 3-1

CPWM No. NJWEA-DLGS-994 Tech. 4 Hrs.

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

Harry Ladisheff, Operator, Bayshore Regional Sewerage Authority and NJWEA Safety Committee Vice Chairman

Rick Stafford, Safety Officer, Joint Meeting and Essex

8:15 a.m. "Personal Protective Equipment (PPE) – Proper Selection and Use," John P. McShane, Sales Representative, Pendergas Safety Products  
We will discuss and review the 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 actual equipment.

9:45 a.m. BREAK

10:45 a.m. "Fall Protection - The ABCs of Fall Protection," Frank Dykas, Representative for Safety Today  
We will discuss, review and demonstrate the proper wear of safety harnesses, lanyards, self-retracting life lines and other related equipment

12:45 p.m. "Remember Charlie" Movie, Harry E. Smith, CSM, NJWEA Safety Committee Chairman  
This is a riveting true story about an operator (Charlie Morecraft) that survived a massive explosion and fire at Bayway Refinery in the 1980s; how it affected his life, his family and future. Don't miss this unforgettable program. He was never really concerned about safety until this day. His life was changed forever.

## **Joint MABA/NJWEA Biosolids Workshop**

(8:30 a.m. to 4:00 p.m.) (TCH Hours: 5 WW)

NJDEP No. 03-03 17 30 2-0

CPWM No. NJWEA-DLGS-1000 Tech. 4 Hrs.; Gov. 1 Hr. NYPE 4; NJPE 5

Moderators: Mohammad Abu-Orf, PhD, Practice Leader, Hazen and Sawyer

Lisa Oberreiter, Project Scientist, Passaic Valley Sewerage Commission

William E. Toffey, Executive Director, Mid-Atlantic Biosolids Association

8:30 a.m. "WE&RF High Quality Biosolids Research Project," Trudy Johnston, President and Lisa Boudeman, Environmental Specialist, Material Matters, Inc.

9:00 a.m. "Struvite Control and Polymer Reduction Using Innovative Technology - HydroFlow," Douglas L. Miller, Principal, Douglas L. Miller Consulting LLC

9:30 a.m. "Reliable Management of Wastewater Treatment Plant Solids with Microwave Monitoring," Stefano Antonacci, Regional Manager, Valmet

10:00 a.m. "The CMCMUA Long Term Biosolids Management Plant," Joshua Palombo, MBA, Wastewater Program Manager, Cape May County Municipal Utilities Authority

10:30 a.m. "Cambi Solidstream™ Improving the Capability of Digestion and Dewatering," William Barber, PhD, Technical Director and Paul Christy, Managing Director-Americas, Cambi

11:00 a.m. LUNCH

1:00 p.m. "Volute Dewatering Press as a New Technology," William E. LaPorte, Manager, Envirep

1:30 p.m. "New Water's Approach to Optimize Energy and Waste Heat Recovery," Peter Burroughs, CH2M

2:00 p.m. "Advances in Conditioning Anaerobic Digested Biosolids Prior to Dewatering," Mohammad Abu-Orf, PhD, Practice Leader, Hazen and Sawyer

2:30 p.m. "Seeking Sustainable Biosolids Management Solution through a Triple Bottom Line," Roland Jezek, Black & Veatch

3:00 p.m. "Synagro and Waste Management Drying Facility Using Biogas," James Hecht, Business Development, Synagro, Inc.

3:30 p.m. "Biosolids Regulatory Program Update for New Jersey," Tony Pilawski, Bureau of Pretreatment and Residuals, NJDEP

## **Industrial Wastewater Operator Workshop - 2017**

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

NJDEP No. 03-03 17 23 3-0

CPWM No. NJWEA-DLGS-993 Tech. 5 Hrs.

Moderators: Lance P. Salerno, Senior Utility Performance Consultant, Brown and Caldwell

Adewale Akinokun, Assistant Industrial Pretreatment Manager, Joint Meeting of Essex and Union Counties

9:00 a.m. "Wastewater Treatment Plant Upgrade to Treat Sugar Refining Wastewater," Brad Kaley, EIT, Industrial Water/Wastewater Engineer, AECOM

9:30a.m. "Recent Advances in Assessing and Addressing Incomplete Biological Nitrification," Michael Foster, CET, Owner & Principal Consultant, EBS

- 10:00 a.m. "Using Energy Efficiently in the Water and Wastewater Industries," John Lewyta, PE, BCEE, Resident Engineering, Greeley and Hansen LLC
- 11:00 a.m. BREAK
- 1:00 p.m. "Managing Operations with Utility Cloud GIS Software," Andrew Crawford, Assistant Project Manager and Taylor Nelson, Operations Compliance Specialist, Woodard & Curran
- 1:30 p.m. "Removing Siloxanes from Digester Gas," Julio Cabrera, Lead Laboratory Technician, Joint Meeting of Essex and Union Counties
- 2:00 p.m. Industrial Pretreatment – Enforcement," Adewale Akinokun, Assistant Industrial Pretreatment Manager, Joint Meeting of Essex and Union Counties
- 2:30 p.m. "The Importance of Sample Integrity," Michael J. Phillips, Industrial Pretreatment Manager, Joint Meeting of Essex and Union Counties
- 3:00 p.m. "Do's and Don'ts for Your Next Major Startup," Lance P. Salerno, Brown and Caldwell

### **Nutrient Removal - 2017**

- Part I: NJDEP No. 03-03 17 25 2-0 (TCH Hours: 2 WW)  
CPWM No. NJWEA-DLGS-995 Tech. 2 Hrs.  
NYPE 2; NJPE 2
- Part II: NJDEP No. 03-03 17 26 2-0 (TCH Hours: 3 WW)  
CPWM No. NJWEA-DLGS-996 Tech. 3 Hrs.  
NYPE 3; NJPE 3

(PART I: 9:00 a.m. to 12:00 a.m.)

Moderators: Sundaram Solai, PE, Greeley and Hansen LLC  
Gabrielle Moore, PE, AECOM

- 9:00 a.m. "Simultaneous Nutrient Removal and Recovery of Phosphorus from Secondary Wastewater Using a Hybrid Ion Exchange Bioreactor," Chelsey Shepsko, PhD Candidate, Lehigh University, Arup, K. SenGupta, PhD, Professor, Lehigh University and Ed Weinberg, President, ESSRE Consulting, Inc.
- 9:30 a.m. "Mainstream Deammonification Using the ANITA™ Mox Process," Ken Krupa, Kruger
- 10:00 a.m. "Fast Track Implementation Brings Biological Nitrogen Removal to the Jamaica Wastewater Treatment Plant Ahead of Schedule," Alyki Malliaros, Project Engineer, AECOM and William Pfrang, Vice President, AECOM
- 10:30 a.m. "Microbial Community Composition of a Full-Scale Membrane Bioreactor System," Jianfeng Weng, Research Analyst, American Water and William Johnson, Senior Research Analyst, American Water
- (PART II: 1:00 p.m. to 4:00 p.m.)
- Moderators: Gabrielle Moore, PE, AECOM  
Sundaram Solai, PE, Greeley and Hansen LLC
- 1:00 p.m. "Struvite Turning a Potential Maintenance Problem into an Opportunity," Terry Goss, AECOM
- 1:40 p.m. "Importance of Aeration System Design and Operation for BNR Performance," Mark Williams, Product Manager, Aeration Process Group
- 2:15 p.m. "Technology Limit of Enhanced Biological Phosphorus Removal Process for Achieving Extremely Low Effluent Phosphorus Levels," Bridget Li, Staff Engineer, Kleinfelder and April Gu, Northeastern University

- 2:50 p.m. "Aquarius Fixed Biofilm System – Smarter Use of Microbiology," Vipin Lillaney, Product Manager, Aquarius Technologies
- 3:25 p.m. "Startup and Evaluation of an Aerobic Granular Sludge Pilot," Roland Jezek, Process Engineer, Black and Veatch and James Barnard, Black and Veatch

### **Manhole And Lateral Assessment and Certification Program**

(9:00 a.m. – 3:30 p.m., See page 16)

### **Exhibit Area Presentation – Grease, Slime, Oil (F.O.G) – Oh No!**

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

NJDEP No. 03-03 17 31 2-0

CPWM No. NJWEA-DLGS-1001 Tech. 1 Hr.

Moderators: Roseann Pettrow, Sr. Sales Representative, Dave Heiner Associates, Inc.  
Chuck Royer, Sr. Sales Representative, Dave Heiner Associates, Inc.

11:30 a.m. "Failsafe Lift Station Monitoring to Detect Through F.O.G.," Steve Carson, Sales Representative, Wastewater Level LLC

12:00 p.m. "Proactive F.O.G. Management," Jake Gurkin, Sales Representative, Hartco Environmental, LLC

### **Grand Finale Reception**

(6:30 p.m. to ???) See page 4 for more information

## **FRIDAY, MAY 12, 2017**

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 PROGRAM COMMITTEE ROSTER**

Michael J. Hope, PE, Chair

Francis J. Bonaccorso, Vice Chair

Mohammad Abu-Orf

Adewale Akinokun

Thomas Amidon

Robert R. Bendlin

Stephen Blankenship, PE

Joseph F. Bonaccorso

Brian J. Brach, PE

Basil D'Armiento

James DeBlock

James C. DeLaura, PE

Daniel Eagan, PE

Marques Eley, PE

Richard Erickson

Colin Ferguson

John Gardner

Srinivas D. Gidugu, PE

Thomas Greci

Gary M. Grey

Chris Hoffman

Burk Kalweit

Vijesh Karatt, PE

Harry L. Ladisheff

John J. Lagrosa

Louis Lambe

Thomas Laustsen, PE

Sheldon S. Lipke, PE

Megan Livak

Gary M. Lohse, PE

Christopher Manak

David A. Marabello, PE

William McMillin

John McNamara

John A. Mele

Gabrielle Moore, PE

William J. Muszynski, PE

Christopher Nally

Peter A. Nese

James Neville

Jerry J. Notte, PE

Lisa Oberreiter

J. Sammi Olmo

Thomas L. Patterson, PE

Henry Penley

Roseann Pettrow

Joseph Polomene, PE

Manuel Ponte, PE

Michael Roy, PE

Chuck Royer

Stephen Rozewski

Lance Salerno

John Schneckloth, PE

Amy Shallcross

Bruce D. Smith

Harry E. Smith, III

Robert Snyder

Sundaram Solai, PE

Rick Stafford

Kenneth S. Stoller, PE

Peter F. Strom, PhD

William T. Suchodolski, PE

Jay R. Surti, PE

William E. Toffey

David Vaccari

Jeffrey Williams

Roman Wisniewski

Janine B. Witko, PE

Steven Yergeau, PhD



**in Conjunction with NJWEA are offering  
PACP/MACP/LACP Training and  
Certification!**

The National Association of Sewer Service Companies (NASSCO) has developed a standardized rating, identification, and classification system for faults, problems and defects found in sewer pipes. This nationally recognized training standard is known as the Pipe Assessment Certification Program (PACP), Manhole Assessment and Certification Program (MACP) and Lateral Assessment and Certification (LACP).

The course is taught by certified instructor Brandon Conley.

To get further information or to register for the class, please e-mail: **Ashley Groves** at: [pacp@dohenycompanies.com](mailto:pacp@dohenycompanies.com) or call **800-336-4369**.

**For room reservations call (888) 516-2215 and ask for the NJWEA group rates:**

Bally's Luxury: \$118.00/night (Group Code: SB05WE7)

Bally's Deluxe: \$108.00/night (Group Code: SB05WE7)

Caesars : \$128.00/night (sessions held at Caesars) (Group Code: SC05WE7)

**PACP Training and Certification:**

Tuesday – Wednesday, May 9-10, 2017 from 9am – 3:30pm

\$840.00 per participant - 5 Wastewater TCH's awarded per day

*Includes refreshments, lunch, admission to the show floor, and an invite by NJWEA to a Wine & Cheese reception on Tuesday and a Beef & Brew reception on Wednesday in the Exhibit area at the close of the session.*

**PACP Training and Recertification:**

Tuesday –Wednesday, May 9-10, 2017 from 9am –3:30pm

\$490.00 per recertification participant -5 Wastewater TCH's awarded per day

*Includes refreshments, lunch, admission to the show floor, and an invite by NJWEA to a Wine & Cheese reception on Tuesday and a Beef & Brew reception on Wednesday in the Exhibit area at the close of the session.*

**MACP/LACP Training and Certification:**

Thursday, May 11, 2017 from 9am – 3:30pm

\$195.00 per participant - 5 Wastewater TCH's awarded

\*PACP is a prerequisite for MACP/LACP

*Includes refreshments, lunch, and admission to the show floor*

**All classes are qualified for the Certified Public Works Manager Continuing education Credit!**





## **NJWEA SPRING FLING - 2017 OPERATIONS CHALLENGE May 8 & May 9**

Come Join Us at the NJWEA 2017 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 102<sup>nd</sup> Annual Conference and Exposition in Atlantic City, NJ. While the Conference is at Bally's Atlantic City, the Operations Challenge Spring Fling will be held at the adjoining Caesars Atlantic City. The dates for the Spring Fling are May 8 and May 9, 2017. On Monday the Process Control and Laboratory Events will take place, along with the SDR Shoot Out.

Tuesday, the Safety, Collections, and Maintenance Events will be taking place. Information about the NJWEA Spring Fling can be found at

<http://www.njwea.org/committees/educational/pwo-operations-challenge/>

If you have a question, please feel free to contact Katherine Collinge at [katherinecollinge@landis sewerageauthority.com](mailto:katherinecollinge@landis sewerageauthority.com).

For more information about the NJWEA Conference visit their website at [www.njwea.org](http://www.njwea.org).

Your support is badly needed again this year so as the visiting teams said "A firm class event" can be had again in 2017. 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**

Katherine Collinge

Spring Fling Coordinator

[katherinecollinge@landis sewerageauthority.com](mailto:katherinecollinge@landis sewerageauthority.com)

## **NJWEA PRESIDENT'S AWARD RECEPTION**

Monday, May 8, 2017 at 5:00 p.m.

## **HOTEL INFORMATION New Jersey Water Environment Association's 102<sup>nd</sup> Annual Conference Sunday, May 7, 2017 through Friday, May 12, 2017**



Bally's Atlantic City is proud to offer a variety of room options at special conference room rates. They include our Deluxe (\$108.00) and Luxury (\$118.00) Rooms. The rates are based on single or double occupancy and an additional per person charge of \$20.00 will apply.

To make room reservations at Bally's Atlantic City online, please go to:

[HTTPS://AWS.PASSKEY.COM/GO/SB05WE7](https://aws.passkey.com/go/sb05we7)

Bally'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 Flo Jones at 609-441-5736.

Or you may call 888-516-2215, 8 a.m. – 3 a.m., EST, and mention Group Code SB05WE7.

*Additional charges of 14% tax, \$5.00 NJ State Tourism Promotional Fee and a \$5.00 Room Assessment Fee per night will apply.*



Caesars Atlantic City is also proud to offer a special conference room rate of \$128.00, run of house. The rate is based on single or double occupancy and an additional per person charge of \$20.00 will apply.

To make room reservations at Caesars Atlantic City online, please go to:

[HTTPS://AWS.PASSKEY.COM/GO/SB05WE7](https://aws.passkey.com/go/sb05we7)

Caesars 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 Flo Jones at 609-441-5736.

Or you may call 888-516-2215, 8 a.m. – 3 a.m., EST, and mention Group Code SC05WE7.

*Additional charges of 14% tax, \$5.00 NJ State Tourism Promotional Fee and a \$5.00 Room Assessment Fee per night will apply.*

### **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 10 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:

Caesars & Bally's AC  
Flo Jones, Convention Coordinator  
c/o Bally's Catering Office  
Park Place & Boardwalk, 6<sup>th</sup> Floor  
Atlantic City, NJ 08401  
(609) 441-5736

### **2<sup>nd</sup> ANNUAL 5K FUN RUN/WALK**

The Young Professionals Committee will be hosting the 2<sup>nd</sup> ANNUAL 5K FUN RUN/WALK on Tuesday morning, May 9, 2017, at the Annual Conference. For more information and to register on-line go to:

<https://tinyurl.com/NJWEA5K>

No registration by mail or fax.

### **THE SLUDGE BOWL 2017**

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

Please join us Wednesday, May 10<sup>th</sup>, at 9:00 pm at the Mountain Bar in BALLY's Wild, Wild West Casino for Karaoke, t-shirt giveaway, fellowship AND a chance to win an iPad!

For more info:

Contact Alyson Lee and Megan Livak at [NJWEAYPs@gmail.com](mailto:NJWEAYPs@gmail.com).

<http://www.njwea.org/young-professionals-committee.php>

In addition:

\*The Young Professionals' Speaker Challenge winners will be recognized on Fri., May 12<sup>th</sup> at the closing breakfast.

Contact Jack Lagrosa ([jlagrosa@njwea.org](mailto:jlagrosa@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 102<sup>nd</sup> Annual Conference**

Date: Tuesday, May 9, 2017

Start: 7:00 a.m. – 8:15 a.m.

Place: Bally's Atlantic City at The Diamond Club (6<sup>th</sup> Floor Bally's)

Cost: \$27.00/person; On-Site Cost: \$30.00

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

**Topic: "State of the Art Recovery of Phosphorus from Wastewater"**

**Speaker: James L. Barnard, Black & Veatch**

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 32<sup>nd</sup> Annual Peter A. Nese Prayer Breakfast**

Date: Wednesday, May 10, 2017

Start: 7:15 am - 8:30am

Place: Bally's Atlantic City - The Diamond Club (6<sup>th</sup> Floor Bally's)

Cost: \$27.00/person; On-Site Cost: \$30.00

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

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

**Topic: "My Indian Name is "Falls-Off-Horses"**

*(God's gifts don't always come to us in attractive wrapping.)*

**Speaker: Robert Fischer, ED, Bayshore Regional Sewerage Authority**

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

**Darlene Galbraith, 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: \_\_\_\_\_ \$27.00 X \_\_\_\_ = \$ \_\_\_\_\_

Name: \_\_\_\_\_ \$27.00 X \_\_\_\_ = \$ \_\_\_\_\_

Total = \$ \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

CC#: \_\_\_\_\_ Exp. Date: \_\_\_\_\_ Circle One: VISA MASTER CARD

Phone No. ( \_\_\_\_ ) \_\_\_\_\_

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**102<sup>nd</sup>  
Annual  
Conference**

**AT  
BALLY's  
ATLANTIC CITY  
May 8 - May 12, 2017**

**The John J. (Jack) Lagrosa  
102<sup>nd</sup> Annual Conference and  
Exposition of the New Jersey  
Water Environment Association**