

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.
- 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 9, 2014 or onsite Registration Rates will apply. Checks should be made payable to NJWEA in US Funds.
- Group (10 or more paid Registrants) Early Bird Registrations accepted thru March 24, 2014, contact the Registrar for details.
- 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 operators 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 each day
 - Exhibit Area Lunch Ticket for the Registration Day
 - Exhibit Area Raffle Drawings for the Registration Day
- One Day Spouse Registration – Tuesday, Wednesday or Thursday
 - Admittance to the Exhibit Area on the Registration Day
 - Exhibit Area Sandwich Ticket on the Registration Day
 - Exhibit Area Raffle Drawings and Exhibit Area Social Functions for the Registration Day
 - All Spouse Events as listed in the accompanying brochure for the Registration Day
- Exhibit Only Registration, Full Conference or One Day Registrations
 - Applies to Retirees, Contractor, Regulatory Staff and Regular Registrant's Spouses.
 - Includes Admittance to the Exhibit Area on the Registration Days.
 - Coffee Breaks and Exhibit Area Social Functions each day
 - Exhibit Area Sandwich Ticket for the Registration Days
 - Exhibit Area Raffle Drawings for the Registration Days
 - Social Event Tickets are not included and must be purchased separately.

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 2, 2014 or received at the NJWEA office after the close of business on May 5, 2014 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 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	3:30 PM	UST (LSRP Approved)	_____
PC-2	Monday	8:30 AM	4:15 PM	AAEES Workshop (NY-NJ PE)	_____
PC-3	Monday	9:00 AM	4:30 PM	GIS & Asset Management (NY-NJ PE)	_____
PC-4	Mon. & Tue.	9:00 AM	5:30 PM	WEF FOG Workshop (NY-NJ PE)	_____
PC-5	Monday	9:00 AM	4:00 PM	Drivers Safety Program	_____
PC-6	Monday	5:45 PM	7:45 PM	Engineering a Solution (NY-NJ PE)	_____
PC-7	Tuesday	7:00 AM	8:00 AM	AAEES/NJWEA Breakfast (NY-NJ PE)	_____
PC-8	Tuesday	8:30 AM	4:30 PM	8-Hour HAZWOPER Refresher	_____
PC-9	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	8:15 AM	1:15 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	9:00AM	12:00 PM	Energy Efficiency/Renewables (NY-NJ PE)	_____
5	Tuesday	9:30 AM	4:30 PM	Air Pollution Presentation (NY-NJ PE)	_____
6	Tuesday	1:30 PM	4:30 PM	Sustainable Design (NY-NJ PE)	_____
7	Tuesday	1:30 PM	4:00 PM	Instructor’s Workshop	_____
8	Tuesday	2:30 PM	4:30 PM	Innovative Technology Forum (NY-NJ PE)	_____
9	Tuesday	2:00 PM	3:00 PM	Potable & Raw Water Rehab. (Exhibit Area)	_____
10	Wednesday	8:30 AM	4:15 PM	Student Session	_____
11	Wednesday	8:00 AM	12:30 PM	Professional Engineer’s Program (NY-NJ PE)	_____
12	Wednesday	9:00 AM	9:45 AM	Association Updates	_____
13	Wednesday	9:45 AM	10:45 AM	Regulatory Interface	_____
14	Wednesday	11:00 AM	4:00 PM	Industrial Environmental Mang. (NY-NJ PE)	_____
15	Wednesday	11:30 AM	4:00 PM	Issues of Emerging Concern (NY-NJ PE)	_____
16	Wednesday	11:30 AM	4:00 PM	Instrumentation and Controls (NY-NJ PE)	_____
17	Wednesday	9:00 AM	12:00 PM	ICS 100/NIMS700 Basics of Incident Command	_____
18	Wednesday	2:00 PM	4:00 PM	Innovations/Delaware River Basin (NY-NJ PE)	_____
19	Wednesday	2:00 PM	4:00 PM	Engineering Ethics (NY-NJ PE)	_____
20	Wednesday	2:15 PM	3:15 PM	Rectangular Clarifier Repair (Exhibit Area)	_____
21	Thursday	8:15AM	12:45 PM	Industrial Operators Workshop (JDOW)	_____
22	Thursday	8:15AM	12:45 PM	Collection Operators Workshop (JDOW)	_____
23	Thursday	8:15AM	12:45 PM	Safety Workshop (JDOW)	_____
24	Thursday	8:30 AM	1:30 PM	Maintenance Workshop (JDOW)	_____
25	Thursday	8:45AM	12:30 PM	Nutrient Removal 2014 Part I (NY-NJ PE)	_____
26	Thursday	2:00 PM	4:00 PM	Nutrient Removal 2014 Part II (NY-NJ PE)	_____
27	Thursday	8:45 AM	12:30 PM	Meeting CSO Challenges Part 1 (NY-NJ PE)	_____
28	Thursday	2:00 PM	4:00 PM	Meeting CSO Challenges Part 1 (NY-NJ PE)	_____
29	Thursday	9:00 AM	4:00 PM	MABA/NJWEA Biosolids Session (NY-NJ PE)	_____

REGISTRATION FORM – PART TWO

99th NJWEA ANNUAL CONFERENCE, May 12 - May 16, 2014

Complete both parts of registration form in full and mail by May 2th. Mailings received after May 5th 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, EXCEPT REGISTRATIONS FOR THE WEF FOG MANAGEMENT WORKSHOP, WHICH DOES NOT INCLUDE MEMBERSHIP.

<u>PRE-CONFERENCE REGISTRATION AND SPECIALTY REGISTRATION</u>	<u>Pre-Registration</u>		<u>On-Site Registration</u>		<u>TOTAL</u>
	Member	Non Member Or Renewal (ACTIVE)	Member	Non Member Or Renewal (ACTIVE)	
• UST Certification	\$169.00	\$286.00	\$204.00	\$301.00	
• GIS - Asset Management	\$125.00	\$258.00	\$175.00	\$348.00	
• WEF FOG Workshop	\$299.00	\$339.00	\$399.00	\$449.00	
• Driver Safety	\$125.00	\$258.00	\$175.00	\$348.00	
• AAEES Workshop	\$210.00	NA	\$239.00	NA	
• Engineering a Solution Seminar	\$ 50.00	NA	\$ 55.00	NA	
• AAEES/NJWEA Wes Eckenfelder Breakfast	\$ 21.00	NA	\$ 23.00	NA	
• Hazardous Waste Seminar, 8-Hr OSHA	\$ 99.00	\$225.00	\$119.00	\$245.00	
• PWO Membership Discount <u>If Eligible</u>		-\$ 47.00		-\$ 47.00	
<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 Or Renewal (ACTIVE)	Member	Non Member Or Renewal (ACTIVE)	
• Full Registration (See Page 1 for Description)	\$325.00	\$458.00	\$372.00	\$505.00	
• One Day Registration –Tuesday Only	\$ 65.00	\$198.00	\$112.00	\$245.00	
• One Day Registration –Wednesday Only	\$ 65.00	\$198.00	\$112.00	\$245.00	
• One Day Registration –Thursday Only	\$ 65.00	\$198.00	\$112.00	\$245.00	
• PWO Membership Discount <u>If Eligible</u>		-\$ 47.00		-\$ 47.00	
<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
Tuesday Evening Meet & Greet	x	\$ 77.00	or	\$ 85.00	=	
Wednesday Prayer Breakfast	x	\$ 21.00	or	\$ 25.00	=	
Wednesday Presidents Awards Luncheon	x	\$ 45.00	or	\$ 50.00	=	
Thursday Grand Finale Reception	x	\$ 77.00	or	\$ 85.00	=	
Friday Closing Session/Breakfast	x	\$ 21.00	or	\$ 25.00	=	
<u>Special Events Sub-Total Amount</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 \$110.00 – PER DAY

CANCELLATIONS

Cancellations must be in writing.
No phone calls will be accepted.
A 25% charge for cancellations made prior to 05/05/14.
Absolutely no refunds will be made after that date.

FOR ROOM RESERVATIONS, PLEASE CALL (888) 516-2215. ASK FOR NJWEA GROUP CODE GBWET14.

REGISTRATION FORM

NJ Tax ID # 22-184-162

Name _____ Phone (____) _____ Fax (____) _____

Billing Address _____ City _____ State _____ Zip _____

Employer _____ E-Mail _____

Badge to Read (Nick Name): _____

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 6th Floor at the Bally's Diamond Club at 7:00 pm on Tuesday night, May 13, 2014. It's always a great way to see your old friends and meet new ones. Our "Caribbean Night" theme will be complimented by Bally's mouth-watering cuisine. Attire is casual, New Jersey style or as they do in the Islands. Either way, slow down your pace and relax the Caribbean way at this year's Meet & Greet Party.

THURSDAY NIGHT GRAND FINALE

While attending the Conference at Bally's, why not plan to join us at the Annual Grand Finale Dinner Dance on Thursday evening, May 15, 2014. Check your conference schedule and plan to be a part of the social highlight of the 99th Annual Conference. We are very pleased to announce that our entertainment will be provided by

Motor City Revue

MOTOR CITY REVUE is made up of some of the finest musicians and singers in the music industry today. They can often be found touring as members of Jon Bon Jovi's band or recording with legendary recording acts including Mariah Carey.

But what they REALLY love is performing the timeless music that helped define a generation – The Sounds of Motown. So come out and enjoy the real sounds from this very danceable band taking us through the evolution of some great rock and soul classics.

"THE PEDDLERS CHALLENGE and not one but TWO SLUDGE BOWLS"

The game show that tests your knowledge relating to the environmental impact of effluent discharge is back for a THIRD year! The *Influence of Effluents* will take place in the Exhibit Area on Wednesday, May 14, 2014 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, to express your interest. Three teams will compete. The Victors will have bragging rights and all contestants will receive lovely parting gifts.

Then there is the Sludge Bowl Part 1 Peddlers vs. the Shovelers in another test of Environmental Knowledge in the Exhibit Area Bally Room on Wednesday, May 14, 2014 (4:30 p.m. to 5:00 p.m.)

And the Sludge Bowl Part 2 – Karaoke at the Mountain Bar in Bally's Wild, Wild West Casino (see page 18) Wednesday, May 14, 2014 (9:30 p.m. to ???)

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

COMMITTEE	CHAIRPERSON
Executive	Robert C. Fischer
Awards	Rocco J. Maiellano
Biosolids	Peter Nese
Collection Systems	Louis C. Lambe
Conference Management	Jack Lagrosa
Education Advisory	Chris Hoffman
Industrial Environmental Quality	John Schneekloth, P.E.
Information Mgmt. & Technology	James DeBlock
Laboratory	Donna Lyons
Membership	Robert DeBlock
Operations Challenge	John Reardon
Program	Michael J. Hope, P.E.
Publications	Tom Greci
Public Education	Tom Meholic
Safety	Harry E. Smith, Jr.
Scholarships Awards	Dr. Peter Strom
Site Remediation	Joseph Fallon & Peter Postorino
Young Professionals	Brian Brach & Jennifer Loudon

CONFERENCE ACTIVITIES INCLUDE

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

TUESDAY, May 13

- AAEES Breakfast with CEU's for PE's (See page 19)
- Coffee Breaks/Raffle in Exhibit Areas
- Lunch in Exhibit Areas
- Afternoon Wine & Cheese Party in Exhibit Areas
- 100 Year Sponsor Presentations at the Wine & Cheese Party in the Exhibit Area (4 PM)

WEDNESDAY, May 14

- Coffee Breaks/Raffle in Exhibit Areas
- Lunch in Exhibit Areas
- Peddlers Challenge (See above)
- NJWEA President's Award Luncheon
- Afternoon Wine & Cheese Party in Exhibit Areas
- Prayer Breakfast (See page 19)
- Sludge Bowl 1 and 2 (See above and page 18)

THURSDAY, May 15

- Coffee Breaks/Raffle in Exhibit Areas
- Lunch in Exhibit Areas
- Beef & Brew & Turkey Stations in Exhibit Areas
- Association Business Meeting

FRIDAY, May 16

- Breakfast Buffet - Raffle

**The 37th Annual NJWEA
"Water for People Golf Outing"**

Date: MONDAY May 12, 2014
Place: BLUE HERON COUNTRY CLUB
Tee Off: 9:00 am Shotgun Start-Scramble Format
Carts Mandatory & Included in Fee
Fee: \$110 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

Donation 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

Note: Net profit to be donated to "Water for People"

Please Reply By April 20, 2014

For Room Reservations – 1-888-516-2215 – Identify- Group-GBWET14-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: _____ \$110 X ____ = \$ _____

Address: _____

Phone No. (____) _____

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 MEMBERS MAY REGISTER)

I will attend:

Sludge Shoveler's Breakfast - Thursday at 7:00 a.m. _____
Pre-Reg Price: \$21.00, On-site Price: \$25.00 \$21.00
Golden Manhole Society Lunch - Tuesday at 12:00 noon _____
Pre-Reg Price: \$27.00, On-site Price: \$31.00 \$27.00

**NOTE: THERE WILL BE A \$ 1.00
SURCHARGE FOR USE OF CREDIT
CARD**

Name _____ Phone (____) _____ Fax (____) _____

Address _____ City _____

Employer _____ Check No. _____

_____/VISA _____ MASTERCARD EXP. DATE _____

CARD No. _____ 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.
Absolutely no refunds will be
made after that 5/2/2014.

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

NJWEA OFFICERS

Robert C. Fischer, President
 Richard Eustace, President-Elect
 Robert A. Pennington, PE, Vice President
 Frank Hartman, Treasurer
 John J. Lagrosa, Executive Director

CONFERENCE MANAGER

John J. Lagrosa – (201)296-0021

EXHIBIT HOURS

TUES. 9:00 AM – 5:30 PM
 WED. 9:00 AM – 5:30 PM
 THUR. 7:30 AM – 3:00 PM

COLLECTION COMMITTEE

Louis C. Lambe, Chair

OPERATIONS CHALLENGE

John Reardon, Chair
 Michelle Salfi, Spring Fling Coordinator

INDUSTRIAL COMMITTEE

John S. Schneckloth, PE, Chair

LABORATORY COMMITTEE

Donna Lyons, Chair

REGISTRATION COORDINATOR

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

PROGRAM COMMITTEE

Michael J. Hope, PE, Chair

SITE REMEDIATION COMMITTEE

Joseph R. Fallon, REM and Peter Postorino, Co-Chairs

CONFERENCE CO-MANAGERS

Henry Penley and Richard Eustace

***The NJWEA 99th Annual Conference Agenda at Bally's Atlantic City for May 2014
 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 Fats, Oil and Grease (FOG) Management Workshop, AAEEES Workshop, GIS/Asset Management, Drivers Safety, Air Pollution, UST, Hazwoper, Energy Savings, and much more.

MONDAY, MAY 12, 2014**Underground Storage Tanks (UST)**

Certification/Recertification (LSRP Approved)
 (8:30 a.m. to 3:30 p.m.) (TCH Hrs: 4 W&WW)
 NJDEP No. 03-01 06 13 3-0
 CPWM No. NJWEA-DLGS-145a Tech.: 4 Hrs.
 Moderator: Kenneth Stoller, PE
 Instructor: Daniel Toder, PG, LSRP Hatch, Mott, MacDonald
 All contractors, engineers and environmental professionals working on underground storage tank (UST) projects need to be certified in one or more UST certification categories. These certification categories include: Installation, Closure, Corrosion Design and Testing, UST Precision Testing and Subsurface Evaluation (the Subsurface Evaluator certification is for unregulated USTs only as of November 2009). Once every three years, all UST certified personnel are required to attend a UST Certification “refresher” course within 1 year of certification renewal to maintain a valid UST Certification. By attending this course, you will be informed of updates to New Jersey's UST regulations and Site Remediation Program guidance. You will receive a certificate at the conclusion of the course indicating that you have satisfied the UST refresher course requirement.

In May 2009, the Site Remediation Reform Act was signed into law allowing the NJDEP to enlist the services of Licensed Site Remediation Professionals (LSRPs) to act as agents of the NJDEP in processing contaminated sites through site remediation. LSRPs must have ten years of experience in site remediation and must abide by a new Code of Conduct. This refresher course will cover the requirements of the LSRP program along with the new regulations and guidance resulting from the passage of the Site Remediation Reform Act.

AAEES WORKSHOP – 100 Years of the Activated Sludge Process

(8:30 a.m. to 4:15 p.m.) (TCH Hours: 6 WW)
 NJDEP Course No. 03-02 14 02 2-0
 CPWM No. NJWEA-DLGS-770 Tech. 6 Hrs.
 NYPE 6; NJPE 6

One hundred years ago, two British chemists (Arden and Lockett) discovered the fundamental bacterial wastewater treatment process known as Activated Sludge. Today, this process is used worldwide. This session both commemorates the invention of the process and celebrates its many improvements and uses today.

- Moderators: David A. Marabello, PE, BCEE, Principal Engineer, CDM Smith
 David A. Vaccari, PhD, PE, BCEE, Professor, Stevens Institute of Technology
- 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. “Who Invented Activated Sludge?,” David Vaccari, PhD, PE, BCEE, Professor and Department Director, Stevens Institute of Technology
- 9:15 a.m. “Activated Sludge Process Technologies – History and Advancements over 100 Years,” Joseph Cleary, PE, BCEE, Vice President, HDR Inc.
- 9:45 a.m. “Microbial Ecology of Activated Sludge,” Kartik Chandran, Associate Professor and Director, Columbia University
- 10:15 a.m. “Enhanced Biological Nutrient Removal Case Study,” Jane Madden, Senior Vice President, CDM Smith
- 10:45 a.m. BREAK

- 11:00 a.m. "Advances in Nutrient Removal – Process Updates," Bill McConnell, PE, BCEE, Associate, CDM Smith
- 11:30 a.m. "Electricity Directly from Wastewater – An Overview of the New Field of Electromicrobiology," Jurek Patoczka, PhD, PE, Vice President, Hatch Mott MacDonald
- 12:00 p.m. LUNCH
- 1:00 p.m. "Start-Up and Optimization of Portable, Packaged Wastewater Treatment Units," Vincent P. Shea, PE, BCEE, Senior Engineer, Environmental Resources Management, Inc. (ERM)
- 1:30 p.m. "Optimization of Simultaneous Nitrification Denitrification in Different Activated Sludge Process Configurations," Helen Littleton, PhD, PE, BCEE
- 2:00 p.m. "Opening the Black Box – Improved Process Design and Control with Increased Understanding of the Activated Sludge Ecosystem," Robert Cowan, PhD, Process Specialist, EnviTreat, LLC
- 2:30 p.m. "Nitrogen Removal – The Anammox Process," Krish Ramalingam, PE, BCEE, Project Director, The City College of New York
- 3:00 p.m. BREAK
- 3:15 p.m. "Next Generation Molecular Biology Methods for Advancing the Activated Sludge Process," Christopher Sales, PhD, Assistant Professor, Drexel University
- 3:45 p.m. "Microbial Metatranscriptomics of Granular Anammox Process," Regina Lamendella, PhD, Assistant Professor of Biology, Juniata College
- Alternate "The Prehistory of the Activated Sludge Process – 19th Century Sanitation," David Vaccari, PhD, PE, BCEE, Professor and Department Director, Stevens Institute of Technology

GIS & ASSET MANAGEMENT

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

NJDEP Course No. 03-02 14 03 3-0

CPWM No. NJWEA-DLGS-771 Tech. 6 Hrs.

NYPE 5; NJPE 5

- Moderators: Stephen R. Blankenship, PE, Executive Director, Hamilton Township MUA
Timothy Shea, PE, Regional Client Services Manager, T&M Associates
Bruce D. Smith, Executive Director, Hackettstown MUA
- 9:00 a.m. "ISO 14000 Environmental Management," Andrew Kricun, Executive Director, Camden County MUA
- 10:00 a.m. BREAK
- 10:15 a.m. "Employing GIS-Based Mobile and Cloud Based Technology," Jayson Brennen, Vice President, CDM Smith
- 11:00 a.m. "How in the World Do We "Git-R Done," Gary R. Vaughan, Asset Management Consultant, Greeley and Hansen LLC
- 12:00 p.m. LUNCH
- 1:00 p.m. "Buried No Longer Program – Confronting America's Water Infrastructure Challenge," Steven R. Blankenship, PE, Executive Director, Hamilton Township MUA

- 1:45 pm "A Peek in the Future: Middlesex Water Opts for the Cloud to Meet Operating Reporting Requirements," Dr. Bruno Levine, President, Flowatch and David Brogle, Director, Middlesex Water
- 2:30 p.m. BREAK
- 2:45 p.m. "Evaluation of Assets / Development of Asset Management Plans," Brian Rischman, PE, Senior Staff Engineer, T&M Associates and Christine Ballard, PE, Client Manager, T&M Associates Consulting
- 3:30 p.m. "UPDATE-NJDEP Guidance - Asset Management," Steve Doughty, New Jersey Dept. of Environmental Protection
- 4:15 p.m. Round Table Discussion

WEF Fats, Oils and Grease (FOG)

Management Workshop – Day 1

(9:00 a.m. to 5:30 p.m. Monday and

8:00 a.m. to 4:45 p.m. Tuesday)

7.0 & 7.0 WW TCH Hours per day respectively

NJDEP Course No. 03-02 14 04 2-0 (Day 1)

CPWM No. NJWEA-DLGS-772 Tech. 7 Hrs.

NYPE 7; NJPE 7

Through years of interaction with regulators, utility representatives and consultants, WEF has developed a comprehensive Fats, Oils, and Grease Management Training Workshop. Utilizing the knowledge of experts already involved in the management of fats, oils, and grease, as well as input from new developments such as research and implementation feedback, this program presents background information and implementation details for a variety of control options for fats, oils, and grease (FOG).

The purpose of the training is to present a spectrum of options that can be used as a basis for utilities to design and implement their own site-specific FOG management programs for preventing or eliminating the entry of FOG into the collection system.

Speakers: Steve Tilson, President, Tilson & Associates, LLC
Laurie Chase, P.E., President, Blue Heron Engineering Services

- 9:00 a.m. Introduction – Why are you here? (Tilson)
- 9:20 a.m. FOG Chemistry – Build Up and Break Down (Chase)
- 10:00 a.m. BREAK
- 10:15 a.m. Cause and Effects of FOG (Tilson)
- 10:45 a.m. Exercise Number 1 (All Instructors)
- 11:30 a.m. Finding and Tracking FOG in Your system (Chase)
- 12:00 p.m. LUNCH
- 1:00 p.m. Intercepting, Removing and Disposing of FOG (Chase)
- 2:00 p.m. Inspection and Monitoring – Part 1 (Tilson)
- 3:00 p.m. BREAK
- 3:15 p.m. Inspection and Monitoring – Part 2 (Tilson)
- 3:45 p.m. Managing Residential FOG (Chase)
- 4:15 p.m. Exercise 2 – Residential FOG (Chase)
- 4:45 p.m. FOG Program Case Study (Chase)
- 5:15 p.m. Questions and Answers (All Instructors)
- 5:30 p.m. ADJOURN

Driver Safety

(9:00 am to 4:00 pm) (TCH Hrs: 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 – Spring 2014

(5:45 p.m. to 7:45 p.m.) (TCH Hours: 2.0 W&WW)

NJDEP Course No. 03-02 14 05 3-0

CPWM No. NJWEA-DLGS-773 Tech.: 2 Hrs.

NYPE 2; NJPE 2

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

Roseann Pettrow, Sales Representative, Dave Heiner Associates, Inc.

5:45 p.m. "Facility Flood-Proofing: Riding the Storm and Beyond", Gregory Seaman, Operations Manager, Two Rivers Water Reclamation Authority and David Applegate, PE, Paulus, Sokolowski and Sartor, LLC (PS&S)

6:15 p.m. "Considerations for Ensuring the Long Term Integrity of a Publically Owned Treatment Works Co-Generation System", Michael J. Ruppel, Executive Director, South Monmouth Regional Sewerage Authority and Richard P. Crane, PE, BCEE, Senior Technical Environmental Engineer, T&M Associates

6:45 p.m. "Planning and Design to Address Multiple Challenges at Aging Treatment Facilities," S. Robert Filler, Executive Director, Ewing-Lawrence Sewerage Authority and Timothy D. Bradley, P.E., Senior Vice President, Kleinfelder/Omni

7:15 p.m. "Emergency Response to Flood-Damaged Water Pollution Control Facilities", Robert C. Fischer, Executive Director, Bayshore Regional Sewerage Authority, Peter Canal, Staff Engineer, Bayshore Regional Sewerage Authority and Kevin Haney, P.E., R3M Engineering, Inc.

TUESDAY, MAY 13, 2014

AAEES/NJWEA Wesley Eckenfelder Memorial Breakfast

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

NJDEP Course No. 03-02 14 06 2-0

CPWM No. NJWEA-DLGS- 774 Tech.: 1 Hr.

NYPE 1; NJPE 1

7:00 a.m. "Ardern & Lockett's Original Paper," Brian Flynn, PE, BCEE, President, MRE Associates

7:30 a.m. "The Sludge Age Concept and the Activated Sludge Process: A 45-Year Historical Review," Alonzo W. Lawrence, PhD, PE, BCEE, Senior Consultant, Corporate Environmental Solutions, LLC

WEF Fats, Oils and Grease (FOG)

Management Workshop – Day 2

(8:00 a.m. to 4:45 p.m.) 7.0 TCH Hours per day WW

NJDEP Course No. 03-02 14 07 2-0

CPWM No. NJWEA-DLGS-775 Tech.: 7.0 Hrs.

NYPE 7; NJPE 7

8:00 a.m. What Are you Seeing Quiz (Tilson)

8:30 a.m. A Day in the Life of a Pumper (Tilson)

9:15 a.m. Implementing Kitchen Best Management Practices (BMPs) (Chase)

9:45 a.m. Exercise 3- Kitchen BMP (Chase)

10:00 a.m. BREAK

10:15 a.m. Managing Your FOG Program (Chase)

11:00 a.m. Strengthening Your Legal Authorities (Chase)

11:30 a.m. Interactive Exercise 1 – Regulatory (All Instructors)

12:15 p.m. LUNCH

1:15 p.m. Preventive Maintenance – The Last Line of Defense (Tilson)

2:15 p.m. BREAK

2:30 p.m. Optimizing Resources and Maximizing Efficiency and Effectiveness (Tilson)

3:30 p.m. Adopting FOG Control Technologies (Tilson)

4:15 p.m. Wrap Up and Question and Answer (Chase)

4:45 p.m. ADJOURN

Collection System Manager's Workshop

(8:15 a.m. to 1:15 p.m.) (TCH Hrs: 4.0 WW)

NJDEP No. 03-02 14 08 2-0

CPWM No. NJWEA-DLGS-776 Tech.: 4 Hrs.

Moderators: Michael Simone, Jr., PE, President, Crew Engineers, Inc.

William T. Suchodolski, PE Engineering Manager, Ocean County Utilities Authority

8:15 a.m. "Upcoming Changes to the Pipeline Assessment and Certification Program (PACP)," Diego Calderon, Staff Engineer, NASSCO, Inc.

8:55 a.m. "Advancement of Condition Assessment Techniques for Large Diameter Pipelines," Mike Funk, Regional Manager, Northeast, Pure Technologies

9:35 a.m. "Methods of Non-Destructive Evaluation of Force Main Condition and the Associated Cost Benefits," Mike Funk, Regional Manager, Northeast, Pure Technologies

10:15 a.m. EXHIBIT AREA / BREAK

11:15 a.m. "Collection System Basin Maintenance – Maximize Production, Minimize Effort," Chris Lopez, President/CEO, Municipal Collection System Consulting

11:55 a.m. "Cost Effective Approach to I&I Control from Satellite Communities," Robert A. Albright, Jr., PE, BCEE, Principal Environmental Engineer, CDM Smith

- 12:35 p.m. "Development of the Modern, Self-Cleaning Circular Wet-Well," Robert Domkowski, Engineering Consultant/Training Manager, Xylem, Inc. - Flygt
- 1:15 p.m. CERTIFICATE DISTRIBUTION

- 1:00 p.m. "The Calcium Hypochlorite Option," Lou Finelli, Regional Sales Manager, Lonza Microbial Control

Laboratory Workshop – Spring 2014

- (8:30 a.m. to 1:30 p.m.) (TCH Hrs: 4 W & WW)
 NJDEP No. 03-02 14 09 3-0
 CPWM No. NJWEA-DLGS-777 Tech.: 4 Hrs.
 Moderators: Jim Neville, Cape May County MUA
 Chris Nally, American Aquatic, Inc.
- 8:30 a.m. Welcome and Opening Remarks
- 8:45 a.m. "Trends in Water and Wastewater Testing and Operations: Connecting the Dots," Michael Furrey, Agra Environmental & Laboratory Services
- 9:30 a.m. "Benefits of On-Line Monitoring of Carbon, Nitrogen and Phosphorus," Daniel Davis, Shimazdu Scientific Instruments
- 10:15 a.m. BREAK
- 11:15 a.m. "Standard Operating Procedures, Internal Audits & Corrective Action: Tools for Continuous Improvement," Stacie Metzler, HRSD
- 12:15 p.m. "Office of Quality Assurance Updates and Review," Debra Waller, NJDEP – Office of Quality Assurance

8-Hour HAZWOPER Refresher

- (8:30 a.m. to 4:30 p.m.) (TCH Hrs: 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

Wastewater Treatment Operator's Program – Spring 2014

- (8:30 a.m. to 1:30 p.m.) (TCH Hrs: 4 WW)
 NJDEP No. 03-02 14 10 2-0
 CPWM No. NJWEA-DLGS-778 Tech.: 4 Hrs.
 Moderators: Christopher Manak, Superintendent, Madison-Chatham Joint Meeting
 Srinivas D. Gidugu, PE, HAKS
 Jeffrey Williams, Executive Director of Operations, Delran Township Sewage Utility
- 8:30 a.m. "Use of OUR Fingerprints and ML Activity Measurements to Protect Biological Treatment Plants," Robert M. Cowen, Process Specialist, EnviTreat LLC
- 9:00 a.m. "Innovative Designs in Peristaltic Pumps," Henry Taubfield, District Sales Manager, Watson Marlow, Inc.
- 9:30 a.m. "Membrane Protection – Advanced Screening Technologies – Do's and Don't's," James E. Impero, Senior Process Engineer, OVIVO Usa, LLC
- 10:00 a.m. BREAK
- 11:00 a.m. "Lower Your Disinfection Dose + Avoid Coliform Violations," Bruce P. Stevens, Eastern Regional Manager, ASA Analytics
- 11:30 a.m. "Demonstration of a Web-Based Wastewater Process Control Monitoring Tool," Frank J. DeOrio, Technical Director, O'Brien and Gere Operations
- 12:00 p.m. "Data Integration Solutions for Effective Utility Management," Jeff M. Miller, PE, ISI, ENV SP, Water Solutions Architect, Schneider Electric
- 12:30 p.m. "Material Selection for Wastewater Pumps-Raise Performance and Extend System Lifetime," John Corkery, Municipal Sales manager, Pumping Services/PSI Process and Equipment

Pipeline Assessment & Certification Program - Day 1

- (9:00 a.m. – 3:30 p.m., See page 17)

Energy Efficiency, Renewables and Recovery

- (9:00 a.m. – 12:00 p.m.) (TCH Hrs: 3 W & WW)
 NJDEP No. 03-02 14 11 3-0
 CPWM No. NJWEA-DLGS-779 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. "Alternative Pathways to Resource Neutrality," Dimitrios Katehis, PhD, PE, Director of Process Engineering, Greeley and Hansen LLC
- 9:30 a.m. "Energy Audits at WWTPs in New Jersey," Vincent Apa, III, PE, BCEE, Principal Engineer, CDM Smith
- 10:00 a.m. "Ammonia Based Control Reduces Energy Consumption by 15%," Brian Thompson, Regional Manager – New Jersey, Hach Company
- 10:30 a.m. "Heating and Cooling Energy from Wastewater – New Income for Water Utilities," Nick Meeten, Green Buildings Team Leader and Chris Hubbard and Nick Hunt, HUBER
- 11:00 a.m. "To Digest or Incinerate Sludge...That is the Question," Mark Greene, PhD, Sr. Technical Director, O'Brien & Gere and George Bevington, NYS 4A, Wastewater Operations Consultant, Gerhardt LLC
- 11:30 a.m. "Joint Meeting of Essex & Union Counties Enhances Biogas Production and Solids Handling

over \$400,000 Net Annually," Joseph Bonaccorso,
Project Manager, CME Associates

Air Pollution – Green House Gas Presentations - 2014

(9:30 a.m. to 4:30 p.m.) (TCH Hours: 5.5 WW)

NJDEP Course No. 03-02 14 12 2-0

CPWM No. NJWEA-DLGS- 780 Tech. 5.5 Hrs.

NYPE 5; NJPE 5

Moderator: Richard Erickson, Marketing Area Director, First Environment

9:30 a.m. "Air Pollution 101: The Fundamentals of Pollutants," Tiffany Medley, PhD, Cornerstone Environmental Group

10:15 a.m. "Navigating Through the Maze of a Title V Operating Permit," Sunita Dhar, PhD, First Environment

11:00 a.m. BREAK

11:10 a.m. "Biogas to CNG – The Future is Now," Chris Voell, Eastern Sales Manager, BioCNG LLC, Cornerstone Environmental Group

12:00 p.m. LUNCH

1:00 p.m. "Overview of the RFS2 Regulation and New Opportunities for Biogas Producers," B. Tod Delaney, PhD, PE, BCEE, President, First Environment

1:55 p.m. "Power Resilient WWTP Design," Gearoid Foley, President, Integrated CHP Systems Corp

2:45 p.m. BREAK

2:55 p.m. "Superstorm Sandy: BCUA's Little Ferry WPCF Hazard Mitigation Plan and Facility Improvements," Rich Cestone, CHMM, Remington & Vernick Engineers and Dominic L. DiSalvo, Certified Project Manager, ARCADIS US, Inc.

3:50 p.m. "Public/Private Partnerships – A Case Study for Developing Onsite Anaerobic Digestion and Low Air Emissions Renewable Energy," Deo Phagoo, Vice President, Municipal Sales for North America, Anaergia, Inc.

Sustainable Design- 2014

(1:30 p.m. – 4:30 p.m.) (TCH Hrs: 3 WW)

NJDEP No. 03-02 14 13 2-0

CPWM No. NJWEA-DLGS-781 Tech.: 3 Hrs.

NYPE 2; NJPE 3

Moderators: Janine Witko, P.E., Water Business Leader, Arup Gary Gray, Senior Professional Associate, HDR

1:30 p.m. "NJDEP's Perspective on Green Stormwater Infrastructure," Adriana Caldarelli, Environmental Scientist, NJDEP – Division of Water Quality

2:00 p.m. "Green Infrastructure: Sustainable Practices, Programs and Implementation for Your Community," Jeremiah D. Bergstrom, LLA, ASLA, Senior Project Manager, Rutgers Cooperative Extension Water Resources Program

2:30 p.m. "Green Infrastructure as Part of CSO LTCPs: What to Expect from Green Infrastructure Based on Actual Post-Construction Monitoring," Julie Stein, ISI ENV SP, LEED BD+C, Northeast Stormwater Lead, HDR, John McLaughlin, PE, NYCDEP, Matt Jones, PhD, Hazen and Sawyer,

Tom Newman, PE, HDR, Bill Leo, PE, HDR and Nitin Katiyar, PE, HDR

3:00 p.m. "Integrating Green Infrastructure at Teacher's Village to Manage CSOs in Newark," Vincent Lee, PE, LEED AP, ENV SP, Associate, Arup

3:30 p.m. "Sustainable Wastewater Treatment Plant Improvements Using Envision™," Nishant Shah, ENV SP, Civil Engineer, Greeley and Hansen LLC

4:00 p.m. "Reconsidering the Converging Desires and Technologies of Wastewater: Is Recovery a Realistic New Goal," Bill Randall, P.E., Managing Engineer, O'Brien and Gere and Matt Wimmer, PE, Project Engineer, O'Brien & Gere

Alternate: "New York City Green Infrastructure Neighborhood Demonstration Lessons Learned from Hope Garden Houses," Amir Mashhad, PE, Project Manager, HDR and Kathryn Prybylski, Project Manager, NYCDEP

Instructors' Workshop

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

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

Innovative Technology Forum - 2014

(2:30 p.m. – 4:30 p.m.) (TCH Hrs: 2 WW)

NJDEP No. 03-02 14 14 2-0

CPWM No. NJWEA-DLGS-782 Tech.: 2 Hrs.

NYPE 2; NJPE 2

Moderators: Robert Bendlin, President, Bendlin Incorporated Stephen Rozewski, Associate, Bendlin Incorporated

2:30 p.m. "Fine Screen Design for MBR Protection," Brent Meyer, product Manager, Andritz Separation, Inc.

3:00 p.m. "Screenings, Grit and Sludge Handling Solutions," Steven Cordell, President, Cordell and Associates, Inc.

3:30 p.m. "Retrofitting a Classic," Lucas Magrini, Outside Sales Eastern Region, Aeration Industries International

4:00 p.m. "Activated Carbon Applications in the Wastewater Industry," Irwin Benkert, Head of Engineering, General Carbon Corp.

Exhibit Area Presentation – Potable and Raw Water Rehabilitation Approaches and Emergency Power

(2:00 p.m. – 3:00 p.m.) (TCH Hrs: 1 W&WW)

NJDEP No. 03-02 14 15 3-0

CPWM No. NJWEA-DLGS-783 Tech.: 1 Hrs.

Moderator: John Mele, Hobas Pipe

2:00 p.m. "Proprietary Potable and Raw Water Rehabilitation Approaches for Pipes and Structures," Raymond J. Clarke, Owner and CEO, The Thortex Group

2:30 p.m. "Emergency Power: Learning from Superstorm Sandy," Brent Kephart, Vice President and General Manager, Power Pool Plus

WEDNESDAY, MAY 14, 2014

Student Session

(8:30 a.m. to 4:15 p.m.)

Moderators: Steve Yergeau, PhD, Senior Program Coordinator, Rutgers University
Chris Uchrin, PhD, PE, Dept. of Environmental Sciences, Rutgers University
Brian J. Brach, PE, NJWEA YP Co-Chair, Hatch Mott MacDonald
Jennifer Loudon, NJWEA YP Co-Chair, Raritan Township MUA

8:30 a.m. Registration and Orientation, Coffee and Danish
9:00 a.m. Association Updates, Robert Fischer, NJWEA President

Presentation of Scholarship Awards, Steven Yergeau, PhD, Senior Program Coordinator, Rutgers University

9:45 a.m. Regulatory Interface Session

10:45 a.m. YP/Student Interactive Workshop, Brian J. Brach, PE, NJWEA YP Co-Chair, Hatch Mott MacDonald and Jennifer Loudon, NJWEA YP Co-Chair, Raritan Township MUA

The NJWEA Youth Professional Committee will hold an interactive workshop to discuss career experiences with a concentration on the importance of communication. Students will have the opportunity for Q/A and interaction with YP members.

11:15 p.m. EXHIBIT HALL TOUR / LUNCH (on your own)

12:00 p.m. Student Poster Session, Steve Yergeau, PhD., Senior Program Coordinator, Rutgers University and Chris Uchrin, PhD, PE, Dept. of Environmental Sciences, Rutgers University

1:30 p.m. BREAK / NETWORKING

2:00 p.m. Student/YP Program Session Welcome, Robert Fischer, NJWEA President, Richard Eustace, NJWEA President-Elect and Jenny Hartfelder, WEF Board of Trustees

2:15 p.m. Engineers' Without Borders Presentation, Jonathan Reed, CDM Smith and Katherine Puckett, CDM Smith

This presentation will provide attendees with an introduction to EWB-USA and an overview of two ongoing EWB-USA projects in Kenya and Tanzania. Katie Puckett of the Northern New Jersey chapter will present on the Clean Water Solutions project in Isanjandugu, Tanzania for which the first assessment trip was conducted in August 2013. Jonathan Reed of the Rutgers University Student Chapter will present on the Kolunje Water Supply Project in Kolunje, Kenya for which two assessment trips and one implementation trip were conducted over the past three years. Katie and Jonathan will also provide an overview of EWB-USA as a whole and provide guidance on the many ways to get involved in the organization.

3:45 p.m. Poster Competition Awards, Steve Yergeau, PhD., Senior Program Coordinator, Rutgers University and Chris Uchrin, PhD, PE, Dept. of Environmental Sciences, Rutgers University

4:15 p.m. CLOSING REMARKS, Brian J. Brach, PE, NJWEA YP Co-Chair, Hatch Mott MacDonald and Jennifer Loudon, NJWEA YP Co-Chair, Raritan Township MUA

Professional Engineer's Program – Spring 2014

(8:00 a.m. to 12:30 p.m.) (TCH Hrs: 4 W&WW)

NJDEP No. 03-02 14 16 3-0

CPWM No. NJWEA-DLGS-784 Tech.: 4 Hrs.

NYPE 4; NJPE 4

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

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

Colin Ferguson, PE, Senior Project Engineer, Arcads

8:00 a.m. "Design and Specification of SCADA Systems," Tim Daily, Senior Engineer, Penoni Associates

8:30 a.m. "Hurricane Hardened Critical Operations Emergency Power Systems and What it Means to Your Facility," Michael Alford, AIA, LEED AP BD&C, CDM Smith, Paul Pouliot, PE, CDM Smith and Spencer Perry, P.E., LEED AP, CDM Smith

9:30 a.m. "Rethinking Cultural Resources Compliance in the 21st Century: New Strategies for Changing Times," Dr. Joseph Schuldenrein, President and Principal, Geoarcheology Research Associates

10:15 a.m. BREAK

10:45 a.m. "Flood-Proofing Mitigation Alternatives for Existing Treatment Plants," Manuel Ponte, PE, R3M Engineering, Inc. Thomas Metcalfe, PE, R3M Engineering Inc. and Kevin Haney, PE, R3M Engineering Inc.

11:30 a.m. "Lessons Learned: Emergency Response and Design Strategies for Climate Change and Extreme Events," James Mueller, PE, New York City Dept. of Environmental Protection

12:00 p.m. "NYC Wastewater Resiliency Plan: Climate Risk Assessment and Adaptation," Pinar Balci, New York City Dept. of Environmental Protection

Pipeline Assessment & Certification Program - Day 2

(9:00 a.m. – 3:30 p.m., See page 17)

Association Updates

(9:00 a.m. to 9:45 a.m.)

9:00 a.m. "NJWEA Update"

Robert C. Fischer, President, NJWEA

9:10 a.m. "Federation Address"

Jenny Hartfelder, 2013-2014 WEF Board of Trustees

9:30 a.m. "Student Scholarship Awards Program"

Steven Yergeau, PhD, Senior Program Coordinator, Rutgers University

Regulatory Interface Session: A Discussion with NJDEP and USEPA Managers - 2014

(9:45 a.m. to 10:45 a.m.) (TCH Hrs: 1 W&WW)

NJDEP No. 03-02 14 17 3-0

CPWM No. NJWEA-DLGS-785 Gov.: 1 Hrs.

Moderators: Thomas Amidon, Principal Water Resources
Scientist, Kleinfelder/Omni

Discussion Format: EPA and NJDEP appointees will present an update on issues of interest to the wastewater and water supply community. A constructive Q&A Session will follow.

People who have questions for USEPA and NJDEP administrators are encouraged to contact Tom Amidon (TAmidon@kleinfelder.com) to reserve the opportunity to ask it or to have is asked anonymously during the session.

Panelists: Bob Martin, Commissioner or Appointee(s)
New Jersey Dept. of Environmental Protection
George Pavlou, Deputy Regional Administrator or
Appointee, United States Environmental Protection
Agency, Region 2

Industrial Environmental Management Session - Spring 2014

(11:00 a.m. to 12:00 p.m. and 2:00 p.m. to 4:00 p.m.)

NJDEP No. 03-02 14 18 2-0 (TCH Hrs: 3 WW)

CPWM No. NJWEA-DLGS-786 Tech.: 3 Hrs.

NYPE 3; NJPE 3

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

Pat McFarland, Bristol Myers Squibb

11:00 a.m. "Reporting Non-Compliance, Affirmative Defense,
Licensed Operators Responsibility," Diane
Alexander, Esquire, Maraziti, Falcon & Healey,
LLP

11:30 a.m. "Startup and Operation of Biological Treatment
Processes for Industrial Reuse Under Highly
Variable Conditions," M. Lee Tharps, PE, CH2M
Hill

12:00 p.m. LUNCH

2:00 p.m. "Beneficial Reuse of Beverage Production
Wastewater," John Burns, Brown & Caldwell and
Houston Flippin, Brown & Caldwell

2:30 p.m. "Aeration, Energy Efficiency Through
Automation," Chris Marinucci, Integration
Manager, O'Brien & Gere

3:00 p.m. "Industrial Odor Management – Where Do I
Begin," Richard J. Pope, PE, BCEE, Odor Services
Leader, ARCADIS US, Inc.

4:00 p.m. ADJOURN

Issues of Emerging Concern – Spring 2014

(11:30 a.m. to 12:30 p.m. and 2:00 p.m. to 4:00 p.m.)

NJDEP No. 03-02 14 19 3-0 (TCH Hrs: 3 W&WW)

CPWM No. NJWEA-DLGS-787 Tech.: 3 Hrs

NYPE 3; NJPE 3

Moderators: Gary Lohse, PE, Regional Sales Manager, Severn
Trent Services

Vijesh Karatt Vellatt, PE, LEED AP, Greeley and
Hansen LLC

11:30 a.m. "Biological Iron and Manganese Filtration for
Drinking Water," Meryl Greenblatt, Application
Engineer, Infilco Degremont

12:00 p.m. "Effective Removal of Emerging Contaminants:
Ozone vs. UV," Jessica M. Hart, Project Engineer,
BlueInGreen L.L.C.

12:30 p.m. BREAK

2:00 p.m. Sending Salt Back to the Ocean: Handling a
Desalination Process Waste Stream," Patrick K.
Cole, PE, Deputy Water Market Leader, H2M
Engineers+Architects

2:30 p.m. "Temporal Changes in Rainfall Chemistry in
Northeast Pennsylvania," Sarah Frey, Elizabeth
Kura, Michael McCarroll, Wilkes University.

3:00 p.m. "Array of Coagulants Display Dissolved Air
Flotation's Versatility," Jessica Hively, Pilot Plant
engineer, Infilco Degremont and Patrick Daniel,
Applications Engineer – Separations, Infilco
Degremont

3:30 p.m. "SCADA Risks and Emergency Preparedness," Jeff
M. Miller, PE, ISI ENV SP, Water Solutions
Architects, Schneider Electric and Dick McDonnell,
Business Development Manager, Schneider
Electric

Instrumentation and Controls Session- 2014

(11:30 a.m. to 4:00 p.m.)

NJDEP No. 03-02 14 20 2-0 (TCH Hrs: 3 WW)

CPWM No. NJWEA-DLGS-788 Tech.: 3 Hrs

NYPE 3; NJPE 3

Moderators: Michael Roy, PE, Staff Engineer, Old Bridge MUA

11:30 a.m. "Implementation of the Sewer Division SCADA
System for the Old Bridge MUA," Michael J.
Samuel, PE, President, R3M Engineering, Inc.

12:30 p.m. LUNCH

2:00 P.M. "Implementation of the Sewer Division SCADA
System for the Old Bridge MUA (continued),"
Thomas J. Capotorto, R3M Engineering, Inc.

3:00 p.m. "Implementation of the Sewer Division SCADA
System for the Old Bridge MUA (continued)," C.
Schuyler Morehouse, PE, President, Morehouse
Engineering, Inc.

Incident Command's System - ICS 100/NIMS 700 – The Basics of the Incident Command System

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

NJDEP No. 03-01 09 35 3-0 (TCH Hrs: 3 W&WW)

CPWM No. NJWEA-DLGS-464 Mgmt. 3 Hrs

Moderator/Instructor: Harry E. Smith III, CSM – Deputy
Emergency Management Coordinator for Cinnaminson

Township, Deputy Chief of Palmyra Ambulance Association,
Station 809, Battalion Chief of Cinnaminson Fire Dept., Station
202, President of Certified Health and Safety Services, LLC
Required by the NJ Governors' Executive Order #50 for all
Directors, Superintendents, and Supervisors to comply with the
Presidents Homeland Security Directive No. 5 (HSPD-5).

Innovations in the Delaware River Basin Watershed - Spring 2014

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

NJDEP No. 03-02 14 21 2-0 (TCH Hrs: 3 WW)

CPWM No. NJWEA-DLGS-789 Tech. 3 Hrs

NYPE 1; NJPE 2

Moderators: William J. Muszynski, PE, Manager, Water Resources Management Branch, Delaware River Basin Commission

Amy L. Shallcross, PE, Operations Section Chief, Delaware River Basin Commission

2:00 p.m. "A Case Study for Permitting a New WWTF Discharge in New Jersey," Laurie D. DeRosa, Project Manager, HDR/HydroQual

2:30 p.m. "Power Sludge & Wastewater Treated Effluent – Wave of the Future," Robert Van Naarden, CEO, Delta Thermo Energy, Inc.

3:00 p.m. "Thermoelectric Power Plants and Wastewater Treatment Effluent – Perfect Together," Joe Nattress, PE, Senior Environmental Engineer, CH2M Hill and M. Lee Tharps, Project Engineer, CH2M Hill

3:30 p.m. "Incremental Progress Toward the PCB Water Quality Standards in the Delaware River Estuary," Thomas J. Fikslin, PhD, Manager, Modeling, Monitoring and Assessment Branch, Delaware River Basin Commission

Engineering Ethics and Case Studies

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

NJDEP No. 03-08 11 14 3-0 (TCH Hrs: 2 W&WW)

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

NYPE 2; NJPE 2

Moderators: Manuel Ponte, PE, Principal in Charge, ARCADIS
Thomas A. Laustsen, PE, BCEE, Associate, CDM Smith

Colin Ferguson, PE, Senior Project Engineer, Arcadis

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. Topics Covered:

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

Exhibit Area Presentation – Rectangular Clarifier Repair and Rehabilitation

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

NJDEP No. 03-02 14 22 3-0 (TCH Hrs: 1 W&WW)

CPWM No. NJWEA-DLGS-790 Tech. 1 Hrs.

Moderator: Stephen Rozewski, Vice President, Bendlin Incorporated

Speaker: Kenneth Fuller, Sr. VP of Marketing and Engineering, Guardian Environmental Products, Inc.

Peddlers Challenge – Exhibit Area

(3:30 p.m. to 4:15 p.m.) See page 4 for more information

Sludge Bowl Part 1 Peddlers vs. the Shovelers – Exhibit Area

(4:30 p.m. to 5:00 p.m.) See page 4 for more information

Sludge Bowl Part 2 – Karaoke at the Mountain Bar in Bally's Wild, Wild West Casino (see page 18)

(9:30 p.m. to ???)

THURSDAY, MAY 15, 2014

Industrial Wastewater Operator Workshop – Spring 2014

(8:15 a.m. to 12:45 p.m.) (TCH Hrs: 4 WW)

NJDEP No. 03-02 14 23 2-0

CPWM No. NJWEA-DLGS-791 Tech.: 4 Hrs.

Moderators: Lance P. Salerno, Senior Utility Performance Consultant, Brown and Caldwell
Thomas L. Patterson, Executive Vice President, Hatch Mott MacDonald

8:15 a.m. "Implementing and Managing an Oil Analysis Program," John Lewyta, PE, BCEE, Equipment Commissioning and Operations Manager, URS Corporation

9:15 a.m. "Operational Fundamentals for Membrane Systems," John S. Schneekloth, PE, Vice President, Hatch Mott MacDonald

9:45 a.m. Exhibit Area Presentation – "Turbine, Portable & Static Mixers for Industrial Applications," Chuck Royer, Dave Heiner Associates, Inc.

10:15 a.m. BREAK

10:45 a.m. "Using the Microscope to Evaluate an Activated Sludge System," Michael H. Foster, CET, Principal Consultant, Environmental Business Specialists, LLC

11:45 p.m. "An Innovative Geosynthetic Fabric and Polymer System for Dewatering Industrial and Municipal Sludge," Dr. Lowell V. Sieck, Senior Environmental Chemist and Craig S. Stevens, Principal Hydrogeologist, CSI Environmental, LLC

Collection System Operators Workshop

(8:15 a.m. to 12:45 p.m.) (TCH Hrs: 4 WW)

NJDEP No. 03-02 14 24 2-0

CPWM No. NJWEA-DLGS-792 Tech.: 4 Hrs.

Moderators: Louis C. Lambe, Superintendent of Line Operations, Passaic Valley Sewerage Commissioners
Basil D'Armiento, Operations Specialist,
CDM Smith

8:15 a.m. "High Head Centrifugal Grinder Pumps in Low Pressure Sewer Applications," Tom Marshall, Northeast Municipal Regional Sales Manager, Crane Pumps & Systems

9:15 a.m. "The Right Impeller for the Right Pump," Tom Marshall, Northeast Municipal Regional Sales Manager, Crane Pumps & Systems

10:00 a.m. EXHIBIT AREA / BREAK

10:30 a.m. "How Sewer and Storm Pipe Trench Systems Drive I&I and Destroy Sewer Systems," Dick Schantz, Consultant, Schantz Technical Services, LLC

11:05 a.m. "Constructing a New Large Diameter Force Main While Maintaining Full Operation of the GLSD's 140 MGD Wastewater Pumping Station," Mark J. Thompson, PE, Principal Engineer, Kleinfelder

11:40 a.m. "Solving Sanitary Sewer Overflows: A Case Study in New Jersey," James F. Cosgrove, Jr., PE, Vice President, Kleinfelder

12:15 p.m. "Chemical Grouting to Maintain and Sustain Municipal Sewers," Marc A. Ancil, President, Logiball, Inc.

Alternate "Performing Maintenance on Long Large Diameter Force Mains in a Marine Estuary Environment," William T. Suchodolski, PE, Engineering Manager, Ocean County Utilities Authority

12:45 p.m. CERTIFICATE DISTRIBUTION

Safety Workshop – Spring 2014

(8:15 a.m. to 12:45 p.m.) (TCH Hrs: 4.0 Safety)

NJDEP No. 03-02 14 25 3-1

CPWM No. NJWEA-DLGS-793 Tech.: 4 Hrs.

Moderators: Harry Smith III, CSM – NJWEA Safety Committee Chairman
Harry Ladisheff, Operator, Bayshore Regional Sewerage Authority
Rick Stafford, Safety Officer, Joint Meeting and Essex
Ken Hrasdzira, Retired, Passaic Valley Water Commission

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

10:15 a.m. "Disaster Planning for the Wastewater Treatment Plant", Brendan Tobin, Private Consultant

11:45 p.m. "Why should I wear my Personal Protective Equipment", the importance of wearing safety equipment, Harry Smith III, CSM

Maintenance Workshop – Spring 2014

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

NJDEP No. 03-02 14 26 3-0

CPWM No. NJWEA-DLGS-794 Tech.: 4 Hrs.

Moderators: Roman Wisniewski, Plant Maintenance Manager, Joint Meeting of Essex & Union Counties
Joel Altman, Assistant Maintenance Manager, Joint Meeting of Essex & Union Counties

8:30 a.m. "Understanding Thermoplastic Piping," Paul Galvin, Lifescience Market Segment Manager, George Fischer Ltd

9:30 a.m. "Design and Service of Low Pressure Grinder Pumps," Scott Hansen, Sales and Service, Dave Heiner Associates, Inc.

10:15 a.m. BREAK

11:15 a.m. "Working with Adhesives and Sealants," Steve Yunker, Adhesive and Sealant Specialist, Henkel Corporation

12:45 p.m. "Working with PEX Tubing," Roman Wisniewski, Maintenance Manager, Joint Meeting of Essex and Union Counties

Nutrient Removal - 2014

Part I: NJDEP No. 03-02 14 27 2-0 (TCH Hrs: 3 WW)

CPWM No. NJWEA-DLGS-795 Tech.: 3 Hrs

NYPE 3; NJPE 3

Part II: NJDEP No. 03-02 14 28 2-0 (TCH Hrs: 2 WW)

CPWM No. NJWEA-DLGS-796 Tech.: 2 Hrs

NYPE 2; NJPE 2

(PART I: 8:45 a.m. to 12:30 p.m.)

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

8:45 a.m. "Go Round and Round, or Not? Oxidation Ditch Upgrade Options for Nutrient Removal or Higher Capacity," William J. Meinert, PE, Vice President, O'Brien & Gere Engineers

9:20 a.m. "Struvite Control: An Alternative Approach," Kerim Temel, Project Engineer, City College of New York, Allen Deur, PE, Division Chief, NY City Dept. of Environmental Protection and Keith Beckmann, PE, Section Chief, NY City Dept. of Environmental Protection

10:00 a.m. BREAK

10:45 a.m. "Production and Recovery of Struvite at the City of Winnipeg," Gregory Bowden, PhD, PE, Technical Leader, AECOM

11:20 a.m. "Balancing Biosolids' Nutrient Value Through the Use of Sidestream Phosphorus Recovery," Christopher Wilson, PhD, PE, Technical Specialist, Greeley and Hansen LLC

11:55 a.m. "The Conversion of an Activated Sludge Package Plan to BNR Operation," Tim Daily, PE, Senior Engineer, Pennoni Associates, Inc.

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

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

2:00 p.m. "Energy and Chemical Efficient Nitrogen Removal at an MBR Wastewater Treatment Plant," Jianfeng Wen, Research Analyst, American Water and Helen Littleton, PhD, PE, BCEE, Technical Manager, American Water

- 2:30 p.m. "Aeration Control Systems – Do we Need 2.0 mg/L?," David J. Kinnear, PhD, PE, Process Engineer, HDR Engineering, Inc.
- 3:00 p.m. "Sustainable Nutrient Management: Reducing Chemical Usage in BNR Facilities," Allen Deur, PE, Division Chief, NY City Dept. of Environmental Protection, Dimitrios Katehis, PhD, PE, National Director, Process Engineering, Greeley and Hansen LLC and Karthik Chandran, PhD, Columbia University
- 3:30 p.m. "Stormwater Retrofit Program in the NYC Watershed," Lowell A. Kachalsky, Vice President, O'Brien & Gere Engineers, Inc. and Andric V. Rodriguez, Project Manager, O'Brien & Gere Engineers, Inc.

CSOs: Meeting CSO Challenges Head On and Innovative Approaches to CSO Compliance

Part I:

NJDEP No. 03-02 14 29 2-0 (TCH Hrs: 3 WW)
 CPWM No. NJWEA-DLGS-797 Tech.: 3 Hrs.
 NYPE 2; NJPE 3

Part II

NJDEP No. 03-02 14 30 2-0 (TCH Hrs: 2 WW)
 CPWM No. NJWEA-DLGS-798 Tech.: 2 Hrs.
 NYPE 2; NJPE 2

(Part I: 8:45 a.m. to 12:30 p.m.) – "Meeting CSO Challenges Head-On"

Moderators: Jerry J. Notte, PE, Vice President, CH2M Hill
 Dan Eagan, PE, Project Manager,
 JBL Electric, Inc.

- 8:45 a.m. "New Jersey Regulatory Permitting Update," Pilar Patterson, Bureau Chief-Surface Water Permitting, New Jersey Dept. of Environmental Protection
- 9:15 a.m. "LTCPs Across Municipal Boundaries and Satellite Systems," William McMillin, PE, Principal Technologist, CH2M Hill
- 9:45 a.m. BREAK
- 10:30 a.m. "UV Disinfection for the Treatment of Combined Sewer Overflow," John Faber, Technical Manager, Trojan Technologies
- 11:00 a.m. "Pilot Project to Measure NYC CSO Overflows," Patrick Stevens, Vice President of Engineering, ADS Environmental Services
- 11:30 a.m. "Holistic Wet Weather Approach to Maximize Water Quality Benefits," Lin Liang, Associate, Greeley and Hansen LLC
- 12:00 p.m. "Green Stormwater Infrastructure Comes to New Jersey," Brian Sayre, Principal Environmental Scientist, Dewberry

(Part II: 2:00 p.m. – 4:00 p.m.) - "Innovative Approaches to CSO Compliance"

Moderators: Sheldon Lipke, PE, Principal Consultant, SJL Environmental Consultants, LLC
 Marques Eley, PE, Process Control Engineer, Passaic Valley Sewerage Commission

- 2:00 p.m. "EPA's Integrated Municipal Stormwater and Wastewater Planning Approach Framework and Financial Capability Assessment Framework,"

Loren Denton, Chief, USEPA Municipal Enforcement Branch – Water Enforcement Division

- 2:30 p.m. "DWSD's Revised Long-Term Control Plan," Mirza Rabbaig, PE, Head Engineer of CSO Program, Detroit Water and Sewerage Department
- 3:00 p.m. "EPA's 1997 Financial Capability Assessment Guidance: Overview and Key Issues," Gail B. Coad, Principal, Industrial Economics, Inc.
- 3:30 p.m. "Integrated Planning Provides NJ Communities an Affordable Means to Comply with NJPDES CSO Requirements," Raymond A. Ferrara, PhD, Vice President/Principal, Kleinfelder

Joint MABA/NJWEA Biosolids Workshop

(9:00 a.m. to 3:30 p.m.) (TCH Hrs: 5 WW)

NJDEP No. 03-02 14 31 2-0

CPWM No. NJWEA-DLGS-799 Tech.: 4 Gov.: 1 Hrs.

NYPE 3; NJPE 5

Moderators: Peter A. Nese, Chairman, NJWEA Biosolids Committee
 William E. Toffey, Executive Director, MABA

- 9:00 a.m. "Current Regulatory Topics for Biosolids in New Jersey," Timothy Douth, Supervisor, Bureau of Pretreatment and Residuals, NJDEP
- 9:30 a.m. "Guidance on Managing Biosolids to Achieve Resiliency," Anthony Pilawski, NJDEP Bureau of Pretreatment and Residuals
- 10:00 a.m. "Evaluating Sludge Stabilization and Minimization Technologies for Medium Size WWTFs," Kristin Waller, Project Engineer, O'Brien & Gere
- 10:30 a.m. BREAK
- 10:45 a.m. "Biosolids and Energy Process Development at the DC Water Blue Plains AWTP," Peter Loomis, Senior Project Manager, CDM Smith
- 11:15 a.m. "Biosolids-Based Soil Manufacturing for Green Infrastructure," Ryan Cerrato, Sales Manager, Burlington County Co-Composting Facility
- 11:45 a.m. "Writing Effective Contracts for Biosolids Disposal Services," Catherine Traynor, Vice President, ARCADIS US
- 12:15 p.m. MABA LUNCHEON AND MEMBER MEETING, Exhibit Hall
- 1:30 p.m. "Tale of SSI MACT Rule Impacts Around U.S. and Implications for New Jersey Communities," Jay Surti, PE, Senior Technologist, CH2M Hill
- 2:00 p.m. "Thermal Process Alternatives to Incinerations for Biosolids," Jeff Snyder, COO, Max West Environmental Systems
- 2:30 p.m. "Public Private Partnerships as an Option for Developing Biosolids Production Systems," Paul Christy, Managing Director, Cambi - North American Unit
- 3:00 p.m. "Landfill Disposal of Biosolids: Will It Always Be With Us?," Frank Senske, Senior Vice President, Spectraserv
- 3:30 p.m. ADJOURN

Manhole And Lateral Assessment and Certification Program

(9:00 a.m. – 3:30 p.m., See page 17)

Grand Finale Reception

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

FRIDAY, MAY 16, 2014

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

Thomas Amidon	Gabrielle Moore, PE
Robert R. Bendlin	William J. Muszynski, PE
Stephen Blankenship, PE	Peter A. Nese
Francis J. Bonaccorso	Jerry J. Notte, PE
Joseph F. Bonaccorso	Thomas L. Patterson, PE
Brian J. Brach, PE	Henry Penley
Basil D'Armiento	Robert A. Pennington, PE
James DeBlock	Roseann Pettrow
James C. DeLaura, PE	Joseph Polomene, PE
Daniel Eagan, PE	Manuel Ponte, PE
Marques Eley, PE	Michael Roy, PE
Richard Erickson	Stephen Rozewski
Colin Ferguson	Lance Salerno
Srinivas D. Gidugu, PE	John Schneckloth, PE
Thomas Greci	Amy Shallcross
Gary Grey	Timothy Shea, PE
Chris Hoffman	Michael Simone, Jr., PE
Vijesh Karatt, PE	Bruce Smith
Harry L. Ladisheff	Harry E. Smith, III
John J. Lagrosa	Sundaram Solai, PE
Louis Lambe	Rick Stafford
Thomas Laustsen, PE	Kenneth S. Stoller, PE
Sheldon S. Lipke, PE	Peter F. Strom, PhD
Gary M. Lohse, PE	William T. Suchodolski, PE
Jennifer Loudon	William E. Toffey
Donna Lyons	David Vaccari
Christopher Manak	Jeffrey Williams
David A. Marabello, PE	Roman Wisniewski
John A. Mele	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: **Kay Doheny** at: PACP@DohenySupplies.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: GBWET14)

Bally's Deluxe: \$95.00/night (Group Code: GBWET14)

Caesars : \$128.00/night (sessions held at Caesars) (Group Code: GCWET14)

PACP Training and Certification:

Tuesday – Wednesday, May 13-14, 2014 from 9am – 3:30pm

\$785.00 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 13-14, 2014 from 9am –3:30pm

\$485.00 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 15, 2014 starting at 9am

\$165.00 per participant - 5 Wastewater TCH's awarded

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 – 2014 Operations Challenge May 12 & May 13

Come Join Us! At the NJWEA 2014 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 98th 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 13 and May 14, 2013. 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 www.cmcmua.com/springfling. If you have a question, please feel free to contact Michelle Salfi.

For more information about the NJWEA Conference visit their website at www.njwea.org.

Your support is badly needed again this year so as the visiting teams said "A first class event" can be had again in 2013. We do hope you can support the conference challenge. Stop in to cheer the teams on Monday & 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 complete. 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

Michelle Salfi
Spring Fling Coordinator
(609) 398-8992
salfimi@cmcmua.com

HOTEL INFORMATION New Jersey Water Environment Association 99th Annual Conference Sunday, May 11, 2014 through Friday, May 16, 2014



Bally's Atlantic City is proud to offer a variety of room options at special conference room rates. They include our, Deluxe (\$95.00), and Luxury Rooms (\$118.00). 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:

<http://www.totalrewards.com/hotel-reservations?propCode=BAC&groupCode=GBWET14>

Or you may call (888) 516- 2215, 8am-3am, EST and mention Group Code **GBWET14**

Additional charges of 14% tax, \$3.00 NJ State Tourism Promotional Fee, and a \$7.00 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:

<http://www.totalrewards.com/hotel-reservations?propCode=CAC&groupCode=GCWET14>

Or you may call (888) 516- 2215, 8am-3am, EST and mention Group Code **GCWET14**

Additional charges of 14% tax, \$3.00 NJ State Tourism Promotional Fee, and a \$7.00 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 to:

Caesars & Bally's AC
Flo Jones, Convention Coordinator
c/o Bally's Catering Office
Park Place & Boardwalk 6th Floor
Atlantic City, NJ 08401
Tel: (609) 236-6567
Fax: (609) 340-2318

THE SLUDGE BOWL 2014

The Young Professionals Committee will again be hosting the "*Sludge Bowl!*" at the Annual Conference in Atlantic City.

Please join us Wednesday, May 14th at 9:30 pm at the Mountain Bar in BALLY'S Wild, Wild West Casino for "Karaoke", t-shirt giveaway, AND fellowship!

For more info:

Contact Brian at brian.brach@hatchmott.com or Jennifer at jloudon@rtmua.com

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

In addition:

*The Young Professional's Speaker Challenge winners will be recognized on Fri., May 16th at the closing breakfast.

Contact Jack Lagrosa 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.

**AAEES/NJWEA Wes Eckenfelder Memorial Breakfast
at the
NJWEA's 99th Annual Conference**

Date: Tuesday, May 13, 2014
Start: 7:00 am – 8:15 am
Place: Bally's Atlantic City at The Reserve (6th Floor Bally's)
Cost: \$21.00/person (see page 3 for onsite registration)
Includes Juice, coffee/tea, eggs, rolls and fruit

**Topics: "Arderm & Lockett's Original Paper" and "The Sludge Age Concept
and the Activated Sludge Process: A 45-Year Historical Review"**

**Speakers: Brian Flynn, PE, BCEE, President, MRE Associates and Alonzo w. Lawrence,
PhD, PE, BCEE, Senior Consultant, Corporate Environmental Solutions, LLC**

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 29th Annual Peter A. Nese Prayer Breakfast

Date: Wednesday, May 14, 2014
Start: 7:15 am – 8:30am
Place: Bally's Atlantic City - The Reserve (6th Floor Bally's)
Pre Registration Cost: \$21.00 /person, On-site Cost: \$25.00
Includes Juice, coffee/tea, eggs, rolls and fruit

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

Topic: "Blessings"

Speaker: Greg Burde

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

<u>Prayer Breakfast Registration Form</u>			
(Or Just Check the Box on Page 3 Under the Special Events Tickets)			
Name: _____		\$21.00 X _____ =	\$ _____
Name: _____		\$21.00 X _____ =	\$ _____
		Total	\$ _____
Address: _____			
City: _____	State: _____	Zip: _____	
CC#: _____	Exp. Date: _____	Circle One: VISA MASTER CARD	
Phone No. (_____) _____			

**99th
Annual
Conference**

**AT
BALLY's
ATLANTIC CITY
May 12 - MAY 16, 2014**

99th Annual Conference

and Exhibition