

**95th
Annual
Conference**

**AT
BALLY's
ATLANTIC CITY
May 10 - MAY 14, 2010**

95th Annual Conference

and Exhibition

Registration Instructions

GENERAL INFORMATION

- Complete and mail entire registration form TWO PAGES – PARTS One and Two
- One form per person – photocopy 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 1, 2010 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 19, 2010, 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 - BENIFITS:

- Full Conference
 - Attendance at Conference Sessions of your choice on Tuesday, Wednesday and Thursday, NOT INCLUDING 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 and Wednesday
 - Exhibit Area Raffle Drawings Each Day
- One Day Registration
 - Attendance at Conference Sessions of your choice on the Registration Day, NOT INCLUDING SPECIALTY WORKSHOPS
 - Coffee Breaks and Exhibit Area Social Functions each day
 - Exhibit Area Sandwich Ticket for Tuesday or Wednesday registrants
 - 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 Raffle Drawings and Exhibit Area Social Functions for the Registration Day
 - All Spouse Events as listed in the accompanying brochure for the Registration Day & Spouse Gift (One per Registrant)
- Exhibit Only Registration, Full Conference or One Day Registrations
 - Applies to Retirees, Contractor, Regulatory Staff and Regular Registrants Spouses.
 - Includes Admittance to the Exhibit Area on the Registration Day.
 - Coffee Breaks and Exhibit Area Social Functions each day
 - Exhibit Area Sandwich Ticket for Tuesday or Wednesday registrants
 - Exhibit Area Raffle Drawings for the Registration Day
 - 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 April 30, 2010 or received at the NJWEA office after the close of business on May 1, 2010 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.
- There will be a 25% handling charge for cancellations made prior to May 1, 2010.
- 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, 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.

Session	Day	Start Time	End Time	Program Description	Planned Attendance
PC-1	Mon. & Tue.	8:30 AM	4:45 PM	WEF NPDES Workshop	_____
PC-2	Monday	9:00 AM	4:30 PM	AAEE Workshop (NYPE)	_____
PC-3	Monday	8:45 AM	3:30 PM	UST Certification	_____
PC-4	Monday	9:00 AM	4:00 PM	Drivers Safety Program	_____
PC-5	Monday	9:00 AM	4:30 PM	GIS & Asset Management (NYPE)	_____
PC-6	Tuesday	8:30 AM	4:30 PM	8-Hour HAZWOPER Refresher	_____

Conference Sessions:

- Session Attendance is included in Full Conference or One Day Conference Registrations (Except for AAEE Breakfast which requires an additional fee of \$18.50).
- All Workshops include Coffee in the Exhibit Area Each Day
- Exhibit Area Luncheon is provided on Tuesday and Wednesday.
- **NOTE:** You **MAY** change sessions on site **if registered for that day** with prior approval of the Session Moderator.
- (NYPE) Indicates that Session attendees who complete the Session will be awarded NYPE PDHs
- (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	7:00 AM	8:15 AM	AAEE/NJWEA Breakfast (NYPE)	_____
2	Tuesday	8:30 AM	1:30 PM	Laboratory Workshop (JDOW)	_____
3	Tuesday	8:30 AM	1:30 PM	Wastewater Operators Workshop (JDOW)	_____
4	Tuesday	9:00 AM	12:00 PM	Implementing Sustainable Practices (NYPE)	_____
5	Tuesday	1:30 PM	4:00 PM	Instructor’s Workshop	_____
6	Tuesday	1:30 PM	4:30 PM	Energy Optimization and Sustainability (NYPE)	_____
7	Tuesday	2:30 PM	4:30 PM	Innovative Technology (NYPE)	_____
8	Tuesday	2:00 PM	3:00 PM	Maximizing Equipment Life	_____
9	Wednesday	8:30 AM	1:30 PM	Maintenance Workshop (JDOW)	_____
10	Wednesday	8:15 AM	1:15 PM	Collection Managers Workshop (JDOW)	_____
11	Wednesday	8:30 AM	4:00 PM	Student Session	_____
12	Wednesday	8:30 AM	4:00 PM	Professional Engineers Program (NYPE)	_____
13	Wednesday	9:00 AM	4:00 PM	Biosolids Session	_____
14	Wednesday	9:00 AM	9:45 AM	Association Updates	_____
15	Wednesday	9:45 AM	10:45 AM	Regulatory Interface	_____
16	Wednesday	11:00 AM	4:00 PM	Industrial Environmental Management	_____
17	Wednesday	11:00 AM	4:00 PM	TMDLs (NYPE)	_____
18	Wednesday	12:30 PM	4:30 PM	ICS 100/NIMS700 Basics of Incident Command	_____
19	Wednesday	1:30 PM	4:00 PM	Climate Change Potential Impacts on WWTPs	_____
20	Thursday	8:15AM	12:45 PM	Industrial Operators Workshop (JDOW)	_____
21	Thursday	8:15AM	12:45 PM	Collection Operators Workshop (JDOW)	_____
22	Thursday	8:15AM	12:45 PM	Safety Workshop (JDOW)	_____
23	Thursday	8:45AM	12:30 PM	Nutrient Removal Part I	_____
24	Thursday	2:00 PM	4:00 PM	Nutrient Removal Part II	_____
25	Thursday	8:45 AM	12:00 PM	Issues of Emerging Concern Part I	_____
26	Thursday	2:00 PM	4:00 PM	Issues of Emerging Concern Part II	_____

REGISTRATION FORM – PART TWO

95th NJWEA ANNUAL CONFERENCE, May 10 - May 14, 2010

Complete both parts of registration form in full and mail by April 30, 2010. Mailings postmarked after April 30 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</u>	<u>Pre-Registration</u>		<u>On-Site Registration</u>		<u>TOTAL</u>
	Member	Non Member	Member	Non Member	
<u>SPECIALTY REGISTRATION</u>		Or Renewal (ACTIVE)		Or Renewal (ACTIVE)	
• WEF NPDES Workshop	\$278.00	\$388.00	\$315.00	\$425.00	
• AAEE Workshop	\$195.00	NA	\$225.00	NA	
• UST Certification	\$175.00	\$279.00	\$210.00	\$299.00	
• Driver Safety	\$118.00	\$233.00	\$168.00	\$283.00	
• GIS Asset Management	\$118.00	\$233.00	\$168.00	\$283.00	
• Hazardous Waste Seminar, 8-Hr OSHA	\$ 89.00	\$185.00	\$119.00	\$225.00	
• PWO Membership Discount <u>If Eligible</u>		-\$40.00		-\$40.00	
<u>Pre-Conference Registration Sub-Totals</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </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)	\$305.00	\$416.00	\$349.00	\$461.00	
• One Day Registration – Tuesday Only	\$ 62.00	\$174.00	\$110.00	\$222.00	
• One Day Registration – Wednesday Only	\$ 62.00	\$174.00	\$110.00	\$222.00	
• One Day Registration – Thursday Only	\$ 62.00	\$174.00	\$110.00	\$222.00	
• PWO Membership Discount <u>If Eligible</u>		-\$40.00		-\$40.00	
<u>Conference Registration Sub-Totals</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	A	B	C	D	= A+B+C+D

<u>SPECIAL EVENTS TICKETS ONLY</u>	<u>Spouse Sub-Total Amount Due</u>			
	Number	Pre-Reg. Cost	Onsite Cost	Extended Amount
Tuesday AAEE/NJWEA Breakfast	<u> </u> x	\$ 18.50	or \$ 20.00	= <u> </u>
Tuesday Evening Meet & Greet	<u> </u> x	\$ 70.00	or \$ 75.00	= <u> </u>
Wednesday Prayer Breakfast	<u> </u> x	\$ 18.50	or \$ 20.00	= <u> </u>
Thursday Presidents Awards Luncheon	<u> </u> x	\$ 42.00	or \$ 45.00	= <u> </u>
Thursday Grand Finale Reception	<u> </u> x	\$ 70.00	or \$ 75.00	= <u> </u>
Friday Closing Session/Breakfast	<u> </u> x	\$ 19.00	or \$ 20.00	= <u> </u>
<u>Special Events Sub-Total Amount</u>				<u> </u>

Pre-Conference Registration Sub-Total Amount Due: _____
Conference Registration Sub-Total Amount Due: _____
Spouse 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 233, Cedar Grove, NJ 07009
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 05/1/10. Absolutely no refunds will be made after that date.

Lost Badge Fee \$110.00

FOR ROOM RESERVATIONS PLEASE CALL (800) 345-7253. ASK FOR NJWEA RATES.

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 (for name badge given at exhibit area) _____ 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 _____

FOR EXHIBIT OR MEMBERSHIP INFORMATION

JACK LAGROSA, Conference Manager

201-296-0021

Spouses get together Tues, Weds, Thurs Morning in NJWEA Hospitality Room for Coffee

MEET & GREET

Don't miss the Association's MEET & GREET PARTY on the 8th Floor at the Bally's Spa on Tuesday night, May 11, 2010. 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 EVENING ENTERTAINMENT

Each year your Conference Committee gives much thought to satisfying your appetite for yet another memorable Grand Finale. So why should 2010 be any different?

Then take out your calendars, planners or that ribbon you tie around your finger and make note to attend the interactive comedy sensation

THE AMAZING 70'S PROM

on Thursday, May 13th

From the moment you enter Bally's Ballroom, you step into a world of laughter and fun in this hilarious audience participation comedy Prom. Take part in the show or enjoy watching the antics as the faculty tries to stop this annual coed ritual from spinning out of control. Bring your dancing shoes as usual, but also pack that 70's disco shirt you stashed away.

John Travolta stand back!

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

COMMITTEE

- Executive
- Awards
- Biosolids
- Collection Systems
- Conference Management
- Education Advisory
- Industrial Environmental Quality
- Information Mgmt. & Technology
- Laboratory
- Membership
- Operations Challenge Program
- Publications
- Public Education
- Safety
- Scholarships Awards
- Site Remediation
- Water for People
- Young Professionals

CHAIRPERSON

- Blake Maloney
- Frank Hartman
- Peter Nese
- James Paluch
- Jack Lagrosa
- Chris Hoffman
- Russell Johnson, P. E.
- James DeBlock
- Donna Lyons
- Robert DeBlock
- Russell Franks
- Robert A. Pennington, P.E.
- John Manganaro
- Tom Meholic
- Ken Hrasdzira
- Dr. Peter Strom
- Joe Fallon
- Christie Arlotta, P.E.
- Fran Bonaccorso

CONFERENCE ACTIVITIES INCLUDE

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

TUESDAY, May 11

- AAEE Breakfast with CEU's for NYPE
- Coffee Breaks/Raffle in Exhibit Areas
- Lunch in Exhibit Areas
- Afternoon Wine & Cheese Party in Exhibit Areas

WEDNESDAY, May 12

- Coffee Breaks/Raffle in Exhibit Areas
- Lunch in Exhibit Areas
- Beef & Brew & Turkey Stations in Exhibit Areas
- Prayer Breakfast (See Registration Form in this Flyer)
- Karaoke Sludge Bowl at the Blue Martini

THURSDAY, May 13

- Coffee Breaks/Raffle in Exhibit Areas
- NJWEA President's Award Luncheon
- Association Business Meeting

FRIDAY, May 14

- Breakfast Buffet - Raffle

**The 33nd Annual NJWEA
"Water for People Golf Outing"**

Date: Tuesday May 11, 2010
Place: Mays Landing Golf Club
Tee Off: 9:00 am Shotgun Start-Scramble Format
Carts Mandatory & Included in Fee
Fee: \$100 per person

Includes Greens Fees, Carts, Driving Range, and Barbecue Lunch following golf. Continental Breakfast at the golf course (reservations required)

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"
Water for People Chair, Christie Arlotta (732) 225-7000**

Please Reply By April 20, 2010

For Room Reservations – 1-800-345-7253 – 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 # 22-184-162

Golf Registration Form

Name: _____ \$100 X ____ = \$ _____

Address: _____

Phone No. (____) _____

I would like to sponsor a _____ \$ _____

Names in your foursome: _____ Total \$ _____

**The Jeanne Decker Sludge Shovelers Breakfast
and Golden Manhole Lunch Members Registration Form**

"MUST BE A MEMBER TO ATTEND"

I will attend:

Sludge Shoveler's Breakfast - Thursday at 7:00 a.m. _____
\$19.50

Golden Manhole Society Lunch - Wednesday at 12:00 noon _____
\$25.50

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

Address _____ City _____ State _____ Zip _____

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 233, Cedar Grove, NJ 07009

Phone (973)-239-9200 Fax (973) 239-9239 E-mail Dgalbraith@njwea.org

FOR ROOM RESERVATIONS PLEASE USE HOTEL ACOMMODATION FORM ONLY

CANCELLATIONS

Cancellations must be in writing. No phone calls will be accepted. A 25% charge for cancellations made prior to 04/30/10. Absolutely no refunds will be made after that date.

On- Site REGISTRATION HOURS

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

NJWEA OFFICERS

Blake Maloney, President
 Robert Sokolowski, President Elect
 Robert E. Fischer, Vice President
 Rocco Maiellano, Treasurer
 John J. Lagrosa, Executive Director

CONFERENCE MANAGER

John J. Lagrosa – (973) 239-9200 X 801

EXHIBIT HOURS

TUES. 10:00 AM – 5:30 PM
 WED. 10:00 AM – 5:30 PM
 THUR. 7:30 AM – 12:00 NOON

COLLECTION COMMITTEE

James Paluch, Chair

OPERATIONS CHALLENGE

Russell Franks, Chair
 Michelle Geisinger, Spring Fling Coordinator

INDUSTRIAL COMMITTEE

Russell Johnson, P.E. Chair

LABORATORY COMMITTEE

Donna Lyons, Chair

REGISTRATION COORDINATOR

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

PROGRAM COMMITTEE

Robert A. Pennington, PE, BCEE Chair

SITE REMEDIATION COMMITTEE

Joe Fallon, Chair

CONFERENCE CO-MANAGER

Blake Maloney

MONDAY MAY 10, 2010**GIS & ASSET MANAGEMENT- SPRING '10**

(9:00 a.m. to 4:30 p.m.) (TCH Hours: 5.5 W & WW)

NJDEP Course No. 03-01 10 30 3-0

CPWM No. NJWEA-DLGS-510 Tech. 5.5 Hrs.

NYPE PDH 5 Hours

Moderator:

Stephen R. Blankenship, P.E., Executive Director, Hamilton Township MUA, Tim Shea, O'Brien & Gere

9:00 a.m. "GIS: Why You Need It and How to Implement It", Kevin R. Zelinsky, GISP, Remington & Vernick

9:30 a.m. "Field-Mobile GIS", Toms River MUA

10:00 a.m. BREAK

10:15 a.m. "Capital Improvement Planning Template", Howard Crothers, ESRI

10:45 a.m. "Web Based Application of CMMS & GIS", Chuck Pietra, O'Brien & Gere

11:30 a.m. "GIS Management Round Table", Speakers from earlier presentations will answer questions and facilitate discussions on GIS

12:00 p.m. Lunch

1:00 p.m. "Industry Trends in Asset Management", Earl Scheider, P.E., Hatch Mott MacDonald

1:30 p.m. "Incorporating Risk Assessment into Asset Management", Philip Tiewater, P.E., ELM Consulting

2:30 p.m. BREAK

2:45 p.m. "Two-Step Optimization Yields Huge Savings for a Large Municipal System", Elio Amiello, Halcrow, Inc.

3:30 p.m. "Developing Risk Assessments Factors - A Small Utility's Pilot Study", Stephen Blankenship, P.E., Hamilton Township MUA

4:00 p.m. GIS – Asset Management Roundtable
 Speakers from earlier presentations will answer questions and facilitate discussions on Asset Management

WEF-NPDES Permits Program Overview
Course for Permittees Including New and Emerging Issues - Day 1

(8:30 a.m. to 4:45 p.m. Monday and

8:30 a.m. to 4:45 p.m. Tuesday)

6.5 & 6.5 WW TCH Hours per day respectively

NJDEP Course No. 03-01 10 31 2-0

CPWM No. NJWEA-DLGS-511 Tech. 6.5 Hrs.

Sponsored by the Water Environment Federation
 And the US Environmental Protection Agency

Who should attend?

The workshop is targeted to permit applicants and permit holders. Public interest groups, environmental consultants & engineers, environmental & municipal attorneys, and regulators would also benefit from this course.

Course Objective

The National Pollutant Discharge Elimination System (NPDES) permitting program is authorized under the Clean Water Act (CWA) to control the discharge of pollutants from industrial and municipal point sources to waters of the United States. The more significant sources of pollutant discharge are typically issued individual NPDES permits (i.e., a facility-specific permit containing unique conditions). Over the years, the development process for NPDES permits has continued to increase in complexity due to development of new and more complex technology-based requirements (e.g., new effluent limitations guidelines), the adoption by States of comprehensive water quality standards, and the development and incorporation of total maximum daily loads (TMDLs). The permit development and issuance process requires a significant investment of resources for both the permitting authority and the permit holder. Currently, EPA provides training on the basic requirements and methods for issuing NPDES Permits to permit writers. This course will provide similar training for the permit holder and focus on a process to foster increased involvement in permit development and implementation. The objective of this course is to increase understanding by both the permit holder and permit writer as a means to help reduce permit issuance time and lead to increased permit compliance.

The program will include lecture and discussion, and provide the attendee with a strong understanding of the purpose of the NPDES program as well as the mechanics for developing, issuing, and implementing an NPDES permit.

Legal issues to consider as a permit holder will be included in the discussion of the overall program. The course will also provide a synopsis and review of new innovative tools that workshop attendees may consider. This will include discussion of electronic tools currently available and also ones being developed that will help permit holders better organize data needed for permit issuance. There will also be discussion of new water quality approaches

such as watershed-based permitting and water quality trading.

Course Instructors

A team of instructors with varied experience will teach the course. Instructors will include senior EPA headquarters and EPA regional staff, as well as non-EPA experts. This mix will provide the perspectives from the view of the permit holder and permit writer, and detailed experience with many different permitting scenarios.

Patrick J. Bradley Pat Bradley is a Senior Scientist in the Washington, DC office of LimnoTech. Pat's areas of expertise include NPDES permitting, water quality studies, watershed management, wet weather issues, and TMDLs. Prior to joining LimnoTech, Pat was the Assistant Branch Chief of the State & Regional Branch of the Water Permits Division at EPA Headquarters in Washington, DC. He has 25 years of experience in the field of water quality protection and NPDES permitting, including permit writing, permit implementation, water quality criteria development, and research on the effects of wastewater discharges.

Gary Cohen is Special Counsel with the legal firm of Hall and Associates in Washington, DC and has been involved in the practice of environmental law for thirty years. He represents clients on Clean Water Act related issues, including NPDES permit negotiation, NPDES permit appeals, compliance counseling, wet weather programmatic issues, pretreatment and other Clean Water Act-related issues. In addition, his expertise includes NPDES and pretreatment litigation defense, regulatory counseling and hazardous waste counseling and litigation. Mr. Cohen is the author of numerous publications on NPDES, pretreatment and other environmental matters.

David Hair is an Environmental Engineer in the Office of Wastewater Management at USEPA Headquarters in Washington, DC. He has over 20 years of experience in Clean Water Act program implementation with a focus on NPDES permitting and the national pretreatment program. David has worked as an EPA contractor conducting inspections and audits of direct and indirect dischargers, as the Pretreatment Program Coordinator for the Oregon Department of Environmental Quality, as EPA Headquarters Team Lead for an NPDES Program Training and Oversight Team, and most recently as an NPDES/Watershed permitting specialist with the Tennessee Department of Environment and Conservation (while on detail from EPA). For the past 10 years, David has been a lead instructor for USEPA's NPDES Permit Writers' Course and has conducted more than 60 week-long courses for over 2,000 participants. As an EPA contractor, David was a co-author of the 1996 NPDES Permit Writers'

Manual, and is actively involved in the current effort to revise the 1996 Manual.

Course Outline

- The scope and regulatory framework of the NPDES program.
- The permit application process, permit issuance, and an overview of permit components.
- Technology and water quality issues related to effluent limitations.
- Other permit issues including: monitoring and reporting requirements; special conditions; and administrative procedures.
- Permit compliance and enforcement (case study examples provided).
- New and emerging issues including the watershed approach and water quality trading.

8:30 a.m. Welcome, Introduction and Course Overview
8:45 a.m. Module 1 - NPDES Program Overview
9:30 a.m. Module 2 - Permit Applications and Permit Issuance
10:35 a.m. BREAK
10:50 a.m. Module 3 - Effluent Limitations Technology
11:45 a.m. LUNCH
1:00 p.m. Module 3 - Effluent Limitations (Continued) Technology – Example Calculations
1:30 p.m. Module 4 - Effluent Limitations Water Quality
2:30 p.m. BREAK
2:45 p.m. Module 4 - Effluent Limitations (Continued) Water Quality – Example Calculations
3:45 p.m. Module 5 - Monitoring and Reporting Requirements
4:45 p.m. Adjourn

Driver Safety

(9:00 am to 4:00 pm) (TCH Hrs: 6)

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 Drivers License. (Unfortunately we can't bank the point reduction, it's a one time deal that we can do only once every three years)

Underground Storage Tanks (UST)

Certification/Recertification

(8:45 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, USEPA

Instructors: Daniel Toder, CPG, Hatch, Mott, MacDonald
Robert Cummiff, P.G., Hatch Mott MacDonald

Topics Covered:

- Overview of UST Regulations
- Overview of Certification Law
- Permitting, Financial Responsibility
- Tank Systems Upgrades
- UST Closure
- UST Remediation

AAEE WORKSHOP - Clean Water Act and the Role of Environmental Engineers: Time for a Change?

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

NJDEP Course No. 03-01 10 32 3-0

CPWM No. NJWEA-DLGS-512 Tech. 6 Hrs.

NYPE PDH 6 Hours

Momentum is growing, and calls are being made, for a legislative opening of the Clean Water Act. It is widely recognized that water quality improvements have generally reached a plateau and supplemental programs, regulations and tools are now needed. Otherwise the water quality gains realized over the past 35+ years will be threatened if not diminished. This 1-day Interactive Workshop, organized by the American Academy of Environmental Engineers (AAEE) is an opportunity for Workshop participants to "sound off" on legislative needs. AAEE has assembled a top level expert panel to offer perspectives on the Act's history, future trends, and sector experiences.

Attend this Workshop and get details on the latest developments and what's on the horizon. Engage in small discussion break-out groups and help craft specific possibilities for the Clean Water Act and strategies for leveraging the expertise of engineers and scientists to more effectively influence policy and regulation. The workshop outcomes will be published as a resource for use by national organizations and legislative staff.

Moderators:

Alan H. Vicory, Jr., P.E., BCEE, Executive Director and Chief Engineer, Ohio River Valley Water Sanitation Commission (ORSANCO) and Past President, AAEE

Joseph Cavarretta, CAE, Executive Director, American Academy of Environmental Engineers

9:00 a.m. Workshop Overview

9:15 a.m. Panel Presentations; Perspectives on the CWA - Past, Present and Future

General Perspectives

Richard Dewling, P.E., BCEE, Former Commissioner, NJDEP; "Environmental Drivers in the 1960s" – Historical Perspective

G. Tracey Mehan; Cadmus Group and Former USEPA Assistant Administrator for Water;

"Working Over, Under, Around and Through the Clean Water Act" – The Present and Future

(Break – 10:15 - 10:30)

Sector Perspectives

Mary Buzby; Global Water Lead, Merck & Co – Industrial

Jeffery Eger; General Manager, Sanitation District

#1 of Northern Kentucky – Wastewater Utility

Christopher Len; Staff Attorney, Hackensack

Riverkeeper and NY/NJ Baykeeper –

Environmental NGO

12:00 p.m. LUNCH

1:00 p.m. Panel/Audience Q & A Discussion

2:00 p.m. Break-out Group Discussions on Clean Water Act

Change Needs. Role of Engineers/Scientists?

Topics – Watersheds, Water Quality Standards, Infrastructure, Funding

(Break – 3:15-3:30)

3:30 p.m. Break-out Reports/Recommendations

4:30 p.m. End

TUESDAY MAY 11, 2010

AAEE/NJWEA Breakfast – "Clean Water Act: Growing Momentum for Change"

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

NJDEP Course No. 03-01 10 33 3-0

CPWM No. NJWEA-DLGS-513 Tech.: 1 Hr.

NYPE PDH 1 Hour

Speaker:

Alan H. Vicory, Jr., P.E., BCEE, Executive Director and Chief Engineer, Ohio River Valley Water Sanitation Commission (ORSANCO) and Past President, AAEE

(See page 18 of this Flyer for more Information)

WEF-NPDES Permits Program Overview Course for Permittees Including New and Emerging Issues - Day 2

(8:30 a.m. to 4:45 p.m. Monday and Tuesday)

6.5 TCH Hours per day WW

NJDEP Course No. 03-01 10 34 2-0

CPWM No. NJWEA-DLGS-514 Tech.: 6.5 Hrs.

8:30 a.m. Module 6 – Special Conditions

9:15 a.m. Module 7 – Standard Conditions

10:00 a.m. BREAK

10:15 a.m. Module 8 – Administrative Procedures

11:00 a.m. Module 9 – NPDES Storm Water Program

12:00 p.m. LUNCH

1:00 p.m. Module 10 – Compliance and Enforcement

2:45 p.m. BREAK

- 3:00 p.m. Module 11 - New and Emerging Issues - Watershed Approach, Urban Wet Weather Integration, Water Quality Trading, and Permitting for Environmental Results
- 4:30 p.m. Module 12 – How You Can Participate
- 4:45 p.m. ADJOURN

Laboratory Workshop- Spring 2010

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

NJDEP No. 03-01 10 35 3-0

CPWM No. NJWEA-DLGS-515 Tech.: 4 Hrs.

Moderators:

Chris Nally, American Aquatic Testing, Inc.

Jean Manigold, RVSA

- 8:30 a.m. Welcome and Opening Remarks
- 8:45 a.m. "E2 Reporting and Ground Water Rule Requirements", Debra Waller, NJDEP-Office of Quality Assurance
- 9:15 a.m. "Acute and Chronic Toxicity Testing Results – What You Need To Know and When You Need To Do It. An Overview of the NJDEP Biomonitoring Report", Chris Nally, American Aquatic Testing, Inc.
- 9:45 a.m. "Operational Laboratory Calculations: Determining Final Results for Solids Testing, BOD/CBOD & Fecal Coliform/E. Coli", Debra Waller, NJDEP- Office of Quality Assurance
- 10:15 a.m. BREAK
- 11:15 a.m. "Critical Quality Control Elements for Inorganic Testing", Debra Waller, NJDEP-Office of Quality Assurance
- 12:15 p.m. "Tales from the Safety Field – Why is Laboratory Safety so Important", Howard W. Spencer, Connor Strong

Wastewater Treatment Operator's Workshop – Spring 2010

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

NJDEP No. 03-01 10 36 2-0

CPWM No. NJWEA-DLGS-516 Tech.: 4 Hrs.

Moderators:

Christopher Manak, Superintendent, Madison-Chatham Joint Meeting

Jeffrey Williams, Executive Director, Superintendent of Operations, Delran Sewage Authority

Gary Lohse, P.E., Senior Managing Engineer, American Water

8:30 a.m. "Low Flow Design of Package Membrane Bioreactor Systems", Brett Woods, MBR Application Engineer, Siemens Water Technologies

9:00 a.m. "Performance Validation of the First U.S. Installation of the Patented MONASHELL Biological Air Treatment System", Brendan

Naples, Product Manager, Bordna Mona Environmental Products U.S. Inc.

- 9:30 a.m. "Improved Aeration Grit Chamber Design", Robert J. Slaby, P.E., Project Manager, WSG & Solutions, Inc.
- 10:00 a.m. BREAK
- 11:00 a.m. "Municipal Water Disinfection Using Calcium Hypochlorite", Zachary Adams, Project Engineer, Arch Chemicals, Inc.
- 11:30 a.m. "Air Permitting and Compliance for Wastewater Treatment Facilities in New Jersey", Gabrielle Moore, P.E., Project Manager, CDM
- 12:00 p.m. "Pilot Program for Small Scale Biological Nutrient Reducing Systems in the NJ Pinelands", Ed Wengrowski, Wastewater Management Coordinator, NJ Pinelands Commission
- 12:30 p.m. "Algae Control Methods Compared: The Importance of Successful Algae Control for Facilities with UV Disinfection", Brent R. Gill, President, GillTrading.com, Inc.
- 1:00 p.m. "Harnessing the Power of Nature: Using Peat Humic Substance to Improve the Biological Efficiency in Wastewater Treatment", Thomas H. Kavookjian, Sales, Training, & Technical Specialist, JSH International
- Alternate: "FOG & Pretreatment Data Management Options, "Ben Peters, Linko Data Systems

It's Easy Being Green – Implementing Sustainable Practices at Wastewater Treatment Plants

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

NJDEP No. 03-01 10 37 2-0

CPWM No. NJWEA-DLGS-517 Tech.: 3 Hrs.

NY PE PDH 3 hours

Moderators: Kelly O'Connor, P.E., Senior Project Manager, CH2M HILL

Janine B. Witko, P.E., Northeast Water and Power Manager, Halcrow

- 9:00 a.m. "Using Environmental Management Systems to Reduce Cost and Improve Environmental Performance", Andrew Kricun, P.E., Deputy Executive Director / Chief Engineer, Camden County Municipal Utilities Authority
- 9:30 a.m. "Enhance the Performance of your Anaerobic Digester", Mark Roehl, P.E., Product Manager, Biosolids Technology, Siemens Water Technologies
- 10:00 a.m. "Combined Heat and Power to the Rescue", Michael J. Ruppel, Executive Director, South Monmouth Regional Sewerage Authority, Richard P. Crane, P.E., BCEE, Senior Project Manager, CDM
- 10:30 a.m. "Breaking Foreign Oil Dependency One WWTP at a Time", Julian Chianelli, P.E., Project Engineer

- II, AECOM Water, Eugene DeStefano, P.E.,
Branch Manager, AECOM Water
- 11:00 a.m. "The Green Treatment Plant – A Multi-Faceted Sustainability Program", Dennis W. Palmer, P.E., Executive Director / Chief Engineer, Landis Sewage Authority
- 11:30 p.m. "Energy Management and Planning at WWTPs – Net Zero Energy", William Toffey, Effluent Synergies

Instructor's Workshop

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

Moderators:

Joseph Bonaccorso, NJDEP Advisory Committee

Christian Hoffman, Operator Licensing Board, NJDEP

Planning for the Future – Energy Optimization and Sustainability

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

NJDEP No. 03-01 10 38 3-0

CPWM No. NJWEA-DLGS-518 Tech.: 3 Hrs.

NY PE PDH: 3 Hrs.

Moderators:

Janine B. Witko, P.E., Northeast Water and Power Manager, Halcrow

Kelly O'Connor, P.E., Senior Project Manager, CH2M HILL

1:30 p.m. "Energy Optimization at a Membrane Bioreactor Facility – A Case Study", Eugenio Giraldo, Ph.D., Technical Manager, Wastewater Projects, American Water, Yanjin Liu, Environmental Engineer, American Water

2:15 p.m. "NETZSCH Grinding System-M-Ovas", Dan Bachrach, Applications Engineer, NETZSCH

2:45 p.m. "PlaNYC", Kathryn Garcia, Assistant Commissioner, New York City Department of Environmental Protection

3:15 p.m. "Integrated Energy and Sustainability Planning", Vicki Wong, CEM, Energy Engineer, Alternative Fuels, Princeton Energy Systems

3:45 p.m. "Roadmap for a Sustainable Future", Chris Niforatos P.E., Water Resource Team Leader, Halcrow

Innovative Technology Forum - 2010

(2:30 p.m. to 4:30 p.m.) (TCH Hrs: 2.0 WW)

NJDEP No. 03-01 10 39 2-0

CPWM No. NJWEA-DLGS-519 Tech.: 2.0 Hrs.

NY PE PDH: 2 Hrs.

Moderators:

Robert R. Bendlin, President, Bendlin Incorporated

Stephen Rozewski, Associate, Bendlin Incorporated

2:30 p.m. "Energy Savings Utilizing Turbine Blowers", Glenn Schultz, Sales Manager, North America Pillar TSC Blower Corporation

3:00 p.m. "Efficiencies of Torque Flow and Recessed Impeller Pumps", Andreas Schmidt, President, Egger Turo Pumps

3:30 p.m. "Flat Cover Systems for Odor Control", Richard P Stanis, President, RPS Engineering Incorporated

4:00 p.m. "Weir Cleaning, The Good, The Bad, The Ugly", Scott Perry, National Sales Director, Scott Perry, National Sales Director, Ford Hall Company, Inc.

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, MACTEC Engineering and Consulting, Inc.

Tom Greci, ECM, Inc.

Instructor: David Grupp, MACTEC Engineering and Consulting, 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

Exhibit Area Presentation - "Maximizing Equipment Life"

(2:00 p.m. to 3:00 p.m.) (TCH Hrs: 1.0 W&WW)

NJDEP No. 03-01 10 40 3-0

CPWM No. NJWEA-DLGS-520 Tech.: 1.0 Hrs.

Speaker: Rich Taylor, Machinery Services Corp., Rapid Pump & Meter Service Co., Inc.

This seminar will focus on the importance of proper application considerations, predictive and preventative measures as well as specific maintenance for Pumps and Blowers. Proper application of products will be presented, as well as immediate implementation of a program of maintenance even when the equipment is still under warranty. Training of personnel in the correct methods is vital to a successful lifespan for these critical systems.

WEDNESDAY MAY 12, 2010

Student Session

(8:30 a.m. to 4:00 p.m.)

Moderators:

Peter F. Strom, Professor, Dept. Environmental Sciences, Cook College, Rutgers University

8:30 a.m. "Registration and Orientation": Coffee and Danish

9:00 a.m. "Association Updates/Regulatory Interface", Keynote Speakers" - General Session
Presentation of Scholarship Awards

11:00 a.m. Choose from available presentations

12:00 p.m. Lunch - Exhibits - on your own

12:00 p.m. "Student Poster Session"

Moderator: Christopher Uchrin, Professor
Dept. Environmental Sciences, Cook College,
Rutgers University

2:00 p.m. "Special Student and Young Professionals Reception," Poster Awards, gifts
"Welcome": Blake Maloney, President, NJWEA
"Young Professionals Summit in Puerto Rico and the Benefits WEF has to offer Young Professionals", Carl Jansen, WEF Executive Committee,
"How to Prepare and Deliver Effective Speeches to Get What You Want," Prokopis Christou, Manager Corporate Environmental Affairs & DOT Benjamin Moore & Co.

"Careers in the Environmental Field"
NJWEA members will be present to discuss a variety of careers in the environmental field with students individually or in small groups

4:00 p.m. General Conference Reception - Exhibit Area

Professional Engineer's Program - 2010

(8:30 a.m. to 4:00 p.m.) (TCH Hrs: 6 WW)

NJDEP No. 03-01 10 41 2-0

CPWM No. NJWEA-DLGS-521 Tech.: 6 Hrs.

NY PE PDH 6 hours

Moderators:

Manuel Ponte, P.E., Vice President, Arcadis
Thomas A. Laustsen, P.E., BCEE, Principal Engineer, CDM
Colin Ferguson, P.E., Senior Project Engineer, Malcolm Pirnie

8:30 a.m. "Clarifier Workshop", John K. Esler, P.E., President
Clarifier Performance Evaluations, Inc./Clarifiers, Inc.

11:30 a.m. Lunch Break

1:00 p.m. "Clarifier Workshop - continued", John K. Esler, P.E., President, Clarifier Performance Evaluations, Inc./Clarifiers, Inc.

2:00 p.m. "Mixing Systems for Anaerobic Digesters", Mark Greene, Ph.D., Senior Technical Director,

O'Brien & Gere

2:30 p.m. "Design Considerations of Supplemental Carbon Feed Facilities for Enhanced Nutrient Removal", Sarah Lothman, Engineer, Hazen and Sawyer, P.C.

3:00 p.m. "Loss Prevention and Risk Management: Essential Tools for Success", David T. Bolger, Esq. & Steven G. Bardsley, Esq., Powell, Trachtman, Logan, Carrle & Lombardo. P.C.

Maintenance Workshop – Spring 2010

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

NJDEP No. 03-01 10 42 3-0

CPWM No. NJWEA-DLGS-522 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. "Operation and Maintenance of Blowers", Paul J. Kearny, Regional Manager, Dresser Roots

9:15 a.m. "Maintenance of Jet/Vac Trucks", Brendan Tobin, Director of Training, Jet Vac

10:30 a.m. BREAK

11:30 a.m. "Operation and Maintenance of Vacuum Systems", Marty Dubois, Sales Engineer, Airtech Vacuum

12:05 a.m. "Using Polymer Composites to Increase Equipment Life", Sal DeMarco, Regional Sales, Enecon Corporation

12:45 p.m. "Fluid Handling and Spill Containment", Tony Vellone, National Account Manager, New Pig Inc.

Collection Managers Workshop - Pipeline Capacity Issues - Let My "Fecal" Go !

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

NJDEP No. 03-01 10 43 2-0

CPWM No. NJWEA-DLGS-523 Tech.: 4 Hrs.

Moderators:

James J. Paluch, Assistant Superintendent / Collection System Operations, JMEUC

Michael Simone, Jr., P.E., P.P., Vice President, Crew Engineers

8:15 a.m. "California Dreamin' - Stopping Spills / Saving Money", Greg Quist Hadronex

9:00 a.m. "Conducting An Effective Water Loss Control Program", Luis Mijares, ADS Environmental Services

9:30 a.m. "Optimizing CSO Systems - A Case Study", Timothy Ruggaber, Enmet, LLC

10:15 a.m. EXHIBIT AREA / BREAK

11:15 a.m. "Force Main Pipeline Rehabilitation Via CIPP Process - Case Study", Bill Suchodolski, P.E., Ocean County Utilities Authority

- 12:00 p.m. "Extraneous Flow Case Study - Seeing 'I to I'",
Michael Simone, Jr., P.E., P.P., Crew Engineers
- 12:30 p.m. "Pipeline Capacity Issues - Case Study",
Thomas L. Patterson, Hatch Mott MacDonald
- 1:15 p.m. CERTIFICATE DISTRIBUTION

- 9:30 a.m. Student Scholarship Awards Program
Dr. Peter F. Strom, Professor, Rutgers
University/Cook College

Biosolids Session – Spring 2010

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

NJDEP No. 03-01 10 44 2-0

CPWM No. NJWEA-DLGS-524 Tech.: 5 Hrs.

Moderators:

Michael Wardell, Executive Director, MABA

Peter A. Nese, Vice President, CH2MHILL

- 9:00 a.m. "Results of 2008 Targeted Sewage Sludge
Survey", Rick Stevens, Senior Biologist, USEPA,
Office of Science and Technology
- 9:30 a.m. "Update to the NJ Sludge Quality Assurance
Regulations (SQAR)", Anthony Pilawski,
Supervising Environmental Specialist, NJDEP
- 10:00 a.m. "Optimization of the Rotary Press for Dewatering
of Various Residuals at 5 Sites", Peter Gagne',
Sales Manager, Fournier Industries Inc.
- 10:30 a.m. BREAK
- 10:45 a.m. "Autothermal Thermophilic Aerobic Digestion",
Kevin Staton, Regional Manager, Thermal
Process Systems
- 11:15 a.m. "Batch Thermal Dryer for Biosolids at Upper
Montgomery Joint Authority", James Griesemer,
Engineer, BCM Engineers
- 11:45 a.m. "Regulatory Update for the Mid-Atlantic Region",
Michael Wardell, Executive Director, MABA
- 12:00 p.m. MABA Luncheon and Member Meeting, "The
Reserve", 6th Floor Bally's
- 1:30 p.m. "Bioenergy Master Plan Optimizes Value of
Biogas", Scott Carr, Principal, CDM
- 2:00 p.m. "The Real Story of Microsludge on Digester
Performance", Todd Williams, PE, Principal
Technologist, CH2MHill
- 2:30 p.m. "Biosolids as a Renewable Fuel – Are We There
Yet?", Lori Stone, Biosolids Global Practice and
Technology Leader, Black and Veatch
- 3:00 p.m. "Successful Use of Biogas for Biosolids Drying",
Ginny Grace, Business Development Manager,
NEFCO
- 3:30 p.m. "Alternative Economic Model for Biosolids Drying–
Success at Kingston, NY", Jim Reffelt, Principal,
Aslan Environmental

Association Updates

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

- 9:00 a.m. NJWEA Update
Blake Maloney, President, NJWEA
- 9:10 a.m. Federation Address
Carl Jansen, WEF Executive Committee Member

Regulatory Interface Session - 2010 **A Discussion with NJDEP and USEPA Managers**

Hot Topics related to Water Resources

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

NJDEP No. 03-01 10 45 3-0

CPWM No. NJWEA-DLGS-525 Gov.: 1 Hrs.

Moderators:

Thomas Amidon, Omni Environmental

Bryan Christiansen, Passaic Valley Sewerage Commissioners

Discussion Format

EPA and NJDEP appointees will each be afforded an opportunity to present a 5-10 minute update on what is new in their agencies that might be of interest to the wastewater and water supply community. Q&A Session will follow. **People who have questions for USEPA and NJDEP administrators are encouraged to contact Tom Amidon (TAmidon@omni-env.com) to reserve the opportunity to ask it or to have it asked anonymously during the session.**

Panelists:

George Pavlou, Deputy Regional Administrator
United States Environmental Protection Agency, Region 2
Commissioner or Appointee
New Jersey Department of Environmental Protection

Example Topics of Interest:

1. Priorities of new management
2. Status of ARRA Funding
3. Implementation of Permit Review Task Force Recommendations
4. Status Wastewater Management Plans
5. Implementation of Nutrient Criteria Enhancement Plan

Industrial Environmental Management Session – Spring 2010

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

NJDEP No. 03-01 10 46 2-0 (TCH Hrs: 3 WW)

CPWM No. NJWEA-DLGS-526 Tech.: 1.5, Gov.: 1.5 Hrs.

Moderators:

Russell K. Johnson, PE, Vice President, Hatch Mott MacDonald
Chris Jepson, PE, Senior Project Manager, Van Cleef
Engineering Associates

Industrial Environmental Management

- 11:00 a.m. "EPA Update on New
Rules/Regulations/Initiatives & Enforcement",
Henry Mazzucca, PE, Chief – Compliance Section,
USEPA Region 2
Virginia Wong, Regional Pretreatment
Coordinator, USEPA Region 2
- 12:00 p.m. Lunch Break

Industrial Environmental Management Session(cont'd)

- 2:00 p.m. "Solvent/Chemical Reclaim: Cost Savings & Environmental Benefits", Ron Tattersall, Pure Earth
- 2:30 p.m. "Trace Contaminant Removal using Adsorption Technology", James J. Pardini, PE, CPE, MEL Chemicals Inc.
- 3:00 p.m. "Environmental Health & Safety Manager: Jack of All Regulatory Trades", Mitch Gertz, Director HSE, Solvay Solexis
- 3:30 p.m. "Use of WER & Background Studies/Translator Studies to Develop Site Specific Metal Limitations", Jurek Patoczka, PhD, PE, DEE, Hatch Mott MacDonald

TMDLs: Bureaucracy, Bricks & Billion\$

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

NJDEP No. 03-01 10 47 2-0 (TCH Hrs: 3.5 W&WW)

CPWM No. NJWEA-DLGS-527 Tech.: 3.5

NY PE PDH 3 hours

Moderators:

Sheldon Lipke, P.E. Supt. of Plant Operations,

Passaic Valley Sewerage Commissioners

Marques D. Eley, Process Control Engineer VI Passaic Valley Sewerage Commissioners

11:00 a.m. "The Basics of TMDLs & Update of NY Harbor TMDL", Antony Tseng, USEPA

11:30 a.m. "TMDLs: The Devil is in the Details", Robin Miller, HydroQual

12:00 p.m. "Federal Rule Interpretations Dictate Major Changes in TMDL Development & Wet Weather/Stormwater Compliance Requirements", John Hall, Hall & Associates

12:30 p.m. Lunch Break

2:00 p.m. "Freshwater TMDL Endpoints", Pat Kehrberger, HydroQual

2:30 p.m. "Enhancing the Reliability of Sidestream Nitrogen Removal Systems", Dimitrios Katehis, CH2M HILL

3:00 p.m. "Less is More: An Innovative Approach Balances Nitrogen Removal & Wet Weather Flow Treatment", Kara Pho, Ch2M HILL

3:30 p.m. "Use of PAA to Improve UV Disinfection & PAA in CSO/Stormwater Disinfection", John Meakim, Engineers Plus

Climate Change - Potential Impacts on Wastewater Treatment Facilities

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

NJDEP No. 03-01 09 34 3-0 (TCH Hrs: 2.5 WW)

CPWM No. NJWEA-DLGS-463 Mgmt.: 1 Gov.: 1.5 Hrs.

Moderators:

William J. Muszynski, P.E., Water Resources Management Branch Manager, Delaware River Basin Commission

Joseph Frissora, P.E., Vice President, MWH Americas, Inc.,

- 1:30 p.m. "Climate Change in the New Jersey Region" Peter Ahnert, Hydrologist In Charge Middle Atlantic River Forecasting Center NOAA, National Weather Service
- 2:20 p.m. "Climate Change – NYCDEP Wastewater Facilities", Speaker from New York City Department of Environmental Protection
- 3:00 p.m. "Climate Change for Utility Managers" William B. McMillin, Senior Technologist CH2M Hill
- 3:30 p.m. "Impacts of Climate Change on Wastewater Operations", John Norton Jr., Phd., LEED AP, Renewable Energy Practice Lead MWH

Incident Command System - ICS

100/NIMS 700 – The Basics of the

Incident Command System

(12:30 p.m. to 4:30 p.m.)

NJDEP No. 03-01 09 35 3-0 (TCH Hrs: 4 W& WW)

CPWM No. NJWEA-DLGS-464 Mgmt. 4 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 Department, 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).

THURSDAY MAY 13, 2010

Industrial Operators Workshop – Spring 2010

(8:15 a.m. to 12:45 p.m.) (TCH Hrs: 4.5 WW)

NJDEP No. 03-01 10 49 2-0

CPWM No. NJWEA-DLGS-530 Tech.: 4.5 Hrs.

Moderators: Lance P. Salerno, Senior Consultant, Malcolm Pirnie

Thomas L. Patterson, Executive Vice President, Hatch Mott MacDonald

8:15 a.m. "Treatment of Construction Water Contaminated with Mercury for Industrial Wastewater MBRs", Dan Bigler, Principal – Managing Partner of BAI

8:45 a.m. "Activated Sludge Principles and Practice. A Simple Solution to a Complex Problem", Joseph G. Cleary, P.E., BCEE Principal, HydroQual Inc.

9:15 a.m. "Operational/Design Considerations for Temporary Treatment Systems", Richard J. Worthington GWTT, O&M Division Manager and John Balla GWTT, Rental Division Manager

- 9:45 a.m. **Exhibit Area Presentation** - "Pulsed Air Mixing Advances Industrial Mixing Technology", John Voorhies, Pulsair Systems, Inc.
- 10:15 a.m. BREAK in Exhibit Area
- 10:45 a.m. "National Fire Protection Association - Arch Flash Protection Basics", Eric Burke, Licensed Electrician and Senior Project Manager, Construction and Equipment Service, Bigler Associates, Inc.
- 12:15 p.m. "Unwired: Wireless Sensor Network True Story", Gustavo Vargas, Automation Sales Engineer, Phoenix Contact Inc.

Collection System Operators Workshop - SSO Sightings - Close Encounters of the "Turd" Kind

- (8:15 a.m. to 12:45 p.m.) (TCH Hrs: 4.0 W & WW)
 NJDEP No. 03-01 10 50 2-0
 CPWM No. NJWEA-DLGS-531 Tech.: 4 Hrs.
 Moderators:
 James J. Paluch, Assistant Superintendent/Collection System Operations, JMEUC
 Robert M. Noel, Assistant Superintendent / GIS Manager, East Brunswick SA
- 8:15 a.m. "Options For Controlling Sewer Odors & Corrosion", Richard J. Pope, P.E., BCEE, Malcolm Pirnie, Inc.
- 9:00 a.m. "Ultra Violet CIPP Technology", Bill Moore, AOC Resins, LLC
- 9:45 a.m. "Innovations In Infrastructure Inspection", Bruce Kosensky, Envirosight, LLC
- 10:30 a.m. EXHIBIT AREA / BREAK
- 11:00 a.m. "Pipeline Repair & Hydro Excavation", Walter Jenness, Jet-Vac, Inc.
- 11:45 a.m. "Hydrogen Sulfide Control in Sewers - Case Study", John MacPherson, Siemens Water Technology Corporation
- 12:15 p.m. "'In-House' Pipeline Point Repairs - Case Study", Robert M. Noel, East Brunswick Sewerage Authority
- 12:45 p.m. CERTIFICATE DISTRIBUTION

Safety Workshop – Spring 2010

- (8:15 a.m. to 12:45 p.m.) (TCH Hrs: 4.5 Safety)
 NJDEP No. 03-01 10 51 3-1
 CPWM No. NJWEA-DLGS-532 Tech.: 4.5 Hrs.
 Moderators:
 Ken Hrasdzira, PVSC
 Steve Dowhan, JMEUC
- 8:15 a.m. "Combustible Dust Control", Tom Olszak, Skyline Environmental
- 9:15 a.m. "New Standards for Head, Eye & Hearing Protection", Cecile Bacola, Mine Safety Appliance
- 10:15 a.m. **Exhibit Area Presentation** - "Fall Protection", John McShane, Pendergast Safety

- 10:45 a.m. EXHIBIT AREA
- 11:15 a.m. "10 Point Electrical Safety Program", Peter Senin, Burlington Labs
- 12:00 p.m. "Risk Management in a Treatment Plant", Brent Gill, Gill Trading

Nutrient Removal - 2010

(Part I: 8:45 a.m. to 12:30 p.m. and Part II: 2:00 p.m. to 4:00 p.m.)

- Part I: NJDEP No. 03-01 10 52 2-0 (TCH Hrs: 3 WW)
 CPWM No. NJWEA-DLGS-533 Tech.: 3 Hrs
 Part II: NJDEP No. 03-01 10 53 2-0 (TCH Hrs: 2 WW)
 CPWM No. NJWEA-DLGS-534 Tech.: 2 Hrs

PART I:

Moderators:
 Timothy D. Bradley, P.E. Omni Environmental LLC
 Jerome A. Harris, Jr., P.P, P.E. O'Brien & Gere Engineers, Inc.

- 8:45 a.m. "Pennsylvania's Chesapeake Bay Tributary Compliance Cost Study", Bryce Figdore, Project Engineer, AECOM
- 9:20 a.m. "Pilot Testing of a High Efficiency Adsorbent System for Phosphorus Removal and Recovery", Christine deBarbadillo, P.E., Wastewater Technology Group Director, Black & Veatch
- 10:00 a.m. Break
- 10:45 a.m. "BioMag: Enhanced Nutrient Removal through Ballasted Biological Treatment", Stephen Woodard, P.E., Ph.D., Chief Technology Officer, Cambridge Water Technology, Inc.
- 11:20 a.m. "Innovative Biofilm Technologies offer Compact Nitrogen Control Solutions to Space Constrained WWTP Sites", James McQuarrie, P.E., Senior Technologist, CH2M HILL
- 11:55 a.m. "Use of On-Line Analyzers to Optimize Performance of BNR Systems", Robert J. Geary, Applications Specialist, Hach Company

PART II:

Moderators:
 Jerome A. Harris, Jr., P.P, P.E. O'Brien & Gere Engineers, Inc.
 Timothy D. Bradley, P.E. Omni Environmental LLC

- 2:00 p.m. "Enhanced Aeration Control Stabilizes BNR Performance", Thomas E. Jenkins, Chief Design Engineer, Dresser Roots
- 2:30 p.m. "Deep Bed Denitrifying Filter Systems", Matt Schomaker, District Manager, ITT Leopold
- 3:00 p.m. "Providing Flexibility for Capacity and Nutrient Removal Challenges for the Two Bridges WWTP", Robert Rectanus, Black & Veatch
- 3:30 p.m. "Comparing Process Evaluations for Nutrient Removal Wastewater Treatment Facility Upgrades", David J. Kinnear, Ph.D., P.E., HDR Engineering

3:30 p.m. "Sustainable Infrastructure Practices", Ed Clerico, PE, President, Alliance Environmental Inc

Issues of Emerging Concern

(Part I 8:45 a.m. to 12:00 p.m.)

NJDEP No. 03-01 10 54 2-0 (TCH Hrs: 2.5 WW)

CPWM No. NJWEA-DLGS-535 Tech.: 1.5 Gov.: 1 Hrs.

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

NJDEP No. 03-01 10 55 2-0 (TCH Hrs: 2 WW)

CPWM No. NJWEA-DLGS-536 Tech.: 1.5 Gov.: 0.5 Hrs.

Part I:

Moderators:

Simone Christie, P.E., CDM

Michael A. Dimino, P.E.

8:45 a.m. Welcome and Session Overview, Simone Christie, PE, CDM

9:00 a.m. "Decentralized Water Reuse Applications, Marginal Costs, Marginal Benefits and Financing" Eugenio Giraldo, PhD, PE, Technical Manager, Wastewater Projects, American Water
Gary Lohse, PE, Senior Managing Engineer, Applied Water Management, Inc

9:30 a.m. "Cape May County Reuse: Conception to Construction", Charles Norkis, Executive Director, Cape May MUA, Gary Lohse, PE, Senior Managing Engineer, Applied Water Management, Inc
BREAK

10:00 a.m.

10:30 a.m. "Update on Water Reuse Projects", Gene Petit, Atlantic County Utilities Authority

11:00 a.m. "Water Supply Planning and Beneficial Reuse in New Jersey" Joseph Mattle, Supervising Environmental Engineer, Division of Water Supply, NJDEP

11:30 a.m. "Reducing Green House Gas Emissions at your Treatment Plant", Nancy Kempel Supervising Environmental Engineer, Bureau of Surface Water Permitting, Division of Water Quality, NJDEP, and Rachael Seney, Division of Water Quality, NJDEP

Part II:

Moderators:

Gary Lohse, P.E., Senior Managing Engineer, Applied Water Management, Inc.

Michael A. Dimino, P.E.

2:00 p.m. "Ozone for Effective Removal of Endocrine Disrupting Compounds", Susan Neal, Oxidation Market Manager, ITT Water & Wastewater (WEDECO)

2:30 p.m. "Zero Net Energy: Case Studies of Wastewater Agencies Achieving Energy Self-Sufficiency", William Toffey, Principal, Effluent Synergies LLC

3:00 p.m. "Development of Environmental Quality Criteria to Support Pharmaceutical Manufacturing" Keith Silverman, PhD, MPH, Director of Science and Product Stewardship, Merck

Grand Finale Reception:

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

THE AMAZING 70'S PROM

FRIDAY MAY 14, 2010

Closing Session / Breakfast Buffet

(9:00 a.m.)

NJWEA PROGRAM COMMITTEE ROSTER

Robert A. Pennington, P.E. Chair

Kevin Aiello

Tom Amidon

Christie Arlotta

Robert R. Bendlin

Stephen Blankenship, P.E.

Joseph F. Bonaccorso

Francis Bonaccorso

Timothy D. Bradley, P.E.

Bryan Christiansen

Simone Christie, P.E.

Ron Conte

James DeBlock

James DeLaura, P.E.

Michael A. Dimino, P.E.

Steve Dowhan

Marques Eley

Joe Fallon

Colin Ferguson

Robert C. Fischer

Thomas Greci

Jerome A. Harris

Ken Hrasdzira

Russell Johnson

John J. Lagrosa

Thomas Laustsen, P.E.

Sheldon S. Lipke, P.E.

Gary Lohse, P.E.

Donna Lyons

Chris Manak

William J. Muszynski, P.E.

Pete Nese

Kelly O'Connor, P.E.

Jim Paluch

Tom Patterson

Henry Penley

Manuel Ponte, P.E.

Stephen Rozewski

Lance Salerno

Michael Simone, P.E.

Robert Sokolowski

Kenneth S. Stoller, P.E.

Peter F. Strom, Ph.D.

Jeff Williams

Roman Wisniewski

Janine B. Witko, P.E.

NJWEA Spring Fling - 2010

Operations Challenge

May 10 & May 11

Come Join Us! At the NJWEA 2010 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 95th Annual Conference and Exposition** in Atlantic City, NJ. While the Conference is at Bally's Atlantic City the Operations Challenge **Spring Fling II** will be held at the adjoining Caesars Atlantic City. The dates for the Spring Fling II are May 10 and May 11, 2010. 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 Geisinger.

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 2010.

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 20 teams. Registration began in January and will run through March. Registration will be on a first come first served basis. 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. This year we will be show casing the new Wilo Maintenance Event.

Questions/Comments

Michelle Geisinger
Spring Fling Coordinator
(609) 398-8992
geisingerm@cmcmua.com

HOTEL INFORMATION

**New Jersey Water Environment Association 95th Annual Conference
Saturday, May 8, 2010 through Friday, May 14, 2010**



Bally's Atlantic City is proud to offer a variety of room options at special conference room rates. They include our Classic Claridge (\$90.00), Deluxe (\$103.00), and Luxury Rooms (\$113.00). 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.harrahs.com/CheckGroupAvailability.do?propCode=BAC&groupCode=GBWET10>

Or you may call (800) 345- 7253, 9am-5pm, EST, Monday-Friday

Additional charges of 14% tax, \$5.00 NJ Hotel Occupancy Fee, and \$5.00 Energy Assessment Fee per night will apply.



Caesars Atlantic City is also proud to offer a special conference room rate of \$123.00, 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.harrahs.com/CheckGroupAvailability.do?propCode=CAC&groupCode=GCWEA10>

Or you may call (800) 345- 7253, 9am-5pm, EST, Monday-Friday

Additional charges of 14% tax, \$5.00 NJ Hotel Occupancy Fee, and \$5.00 Energy Assessment Fee per night will apply.

THE SLUDGE BOWL 2010

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

Please join us Wednesday May 12th
at 9:30pm
At the Blue Martini
(In BALLY'S at the Casino Level)
For “Karaoke”, t-shirt giveaway,
AND fellowship!

For more info: Contact Fran at fran.bonaccorso@gmail.com
Kelly at kelly.oconnor@ch2m.com or
Robert at rdeblock@D2LAssociates.com

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

In addition:

*The Young Professional's Speaker Challenge winners will be recognized on Fri., May 14th at the closing breakfast.

Contact Rob De Block at rdeblock@D2LAssociates.com if your company would like to support the student session with a prize donation.

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

**AAEE/NJWEA Breakfast
at the
NJWEA's 95th Annual Conference**

Date: Tuesday, May 11, 2010
Start: 7:00 am – 8:15 am
Place: Bally's Atlantic City at The Reserve (6th Floor Bally's)
Cost: \$18.50/person (see page 3 for onsite registration)
Includes Juice, coffee/tea, eggs, rolls and fruit

Topic: "Clean Water Act: Growing Momentum for Change"

1 hour NYPE & Operator W/WW CEU

Speaker: Alan H. Vicory, Jr., P.E., BCEE, Executive Director and Chief Engineer, Ohio River Valley Water Sanitation Commission (ORSANCO) and Past President, AAEE
(To register check the box on Page 3 of this flyer under Special Events Tickets)

The 25th Annual Prayer Breakfast

Date: Wednesday, May 12, 2010
Start: 7:15 am – 8:30am
Place: Bally's Atlantic City at The Reserve (6th Floor Bally's)
Cost: \$18.50 /person
Includes Juice, coffee/tea, eggs, rolls and fruit

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

Theme: A Reluctant Pilgrim Visits Medjagoria

Speaker: Mike Lyons

**MAKE CHECKS PAYABLE TO "NJWEA" AND MAIL TO:
Darlene Galbraith, Registrar, NJWEA, PO Box 233 Cedar Grove, New Jersey 07009
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: _____	\$18.50 X ____ = \$ _____	
Name: _____	\$18.50 X ____ = \$ _____	
	Total \$ _____	
Address: _____		
City: _____	State: _____	Zip: _____
CC#: _____	Exp. Date: _____	Circle One: VISA MASTER CARD
Phone No. (____) _____		