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, 2011 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 18, 2011, 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 and Wednesday
  - Exhibit Area Raffle Drawings Each Day
- One Day Registration
  - 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 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
- 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 29, 2011 or received at the NJWEA office after the close of business on May 1, 2011 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.

CANCELLATONS

- Cancellation must be in writing. No phone calls will be accepted.
- There will be a 25% handling charge for cancellations made prior to April 30, 2011.
- 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.**
- **Professional Engineers – See fifth bullet under "Conference Session" below regarding continuing education.**

Session	Day	Start Time	End Time	Program Description	Planned Attendance
PC-1	Mon. & Tue.	8:45 AM	4:45 PM	WEF Industrial WW Seminar (NY-NJ PE)	_____
PC-2	Monday	8:45 AM	4:15 PM	GIS & Asset Management (NY-NJ PE)	_____
PC-3	Monday	9:00 AM	4:00 PM	Drivers Safety Program	_____
PC-4	Monday	9:00 AM	4:30 PM	AAEE Workshop (NY-NJ PE)	_____
PC-5	Monday	9:30 AM	4:30 PM	Air Pollution Presentations(NY-NJ PE)	_____
PC-6	Tuesday	7:00 AM	8:15 AM	AAEE/NJWEA Eckenfelder Breakfast (NY-NJPE)	_____
PC-7	Tuesday	8:30 AM	4:30 PM	8-Hour HAZWOPER Refresher	_____
PC-8	Wednesday	8:45 AM	3:30 PM	UST	_____

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 and Wednesday.**
- **NOTE: You MAY change sessions on site if registered for that day with prior approval of the Session Moderator.**
- **(NY-NJ PE) Indicates that Session attendees who complete the Session will be awarded NYPE PDHs and NJPE CPC Credit. Most courses also qualify for PA PE continuing education.**
- **(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 Workshop (JDOW)	_____
4	Tuesday	9:00 AM	12:00 PM	Energy Saving Options (NY-NJ PE)	_____
5	Tuesday	1:30 PM	4:30 PM	Future of Energy Management (NY-NJ PE)	_____
6	Tuesday	1:30 PM	4:00 PM	Instructor's Workshop	_____
7	Tuesday	2:30 PM	4:30 PM	Innovative Technology Forum (NY-NJ PE)	_____
8	Tuesday	2:00 PM	3:00 PM	Grinder & Pump Maintenance (Exhibit Area)	_____
9	Wednesday	8:30 AM	4:00 PM	Student Session	_____
10	Wednesday	8:30 AM	4:00 PM	Professional Engineers Program (NY-NJ PE)	_____
11	Wednesday	8:30 AM	1:30 PM	Maintenance Workshop (JDOW)	_____
12	Wednesday	9:00 AM	4:00 PM	Biosolids Session	_____
13	Wednesday	9:00 AM	9:45 AM	Association Updates	_____
14	Wednesday	9:45 AM	10:45 AM	Regulatory Interface	_____
15	Wednesday	11:00 AM	4:00 PM	Industrial Environmental Management	_____
16	Wednesday	11:00 AM	4:00 PM	The Wastewater Toolkit – Cost Saving Measures	_____
17	Wednesday	12:30 PM	4:30 PM	ICS 100/NIMS700 Basics of Incident Command	_____
18	Wednesday	1:30 PM	4:00 PM	Watershed Planning & Protection	_____
19	Wednesday	2:00 PM	3:00 PM	Pumps Problems and Solutions (Exhibit Area)	_____
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	12:30 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

96th NJWEA ANNUAL CONFERENCE, May 9 - May 13, 2011

Complete both parts of registration form in full and mail by April 29th. Mailings postmarked after April 29th 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 REIGSTRATIONS FOR THE FOR THE WEF INSDUSTRIAL SEMINAR WHICH DO NOT INCLUDE MEMBERSHIP

PRE-CONFERENCE REGISTRATION AND SPECIALTY REGISTRATION	Pre-Registration Member	Pre-Registration Non Member Or Renewal (ACTIVE)	On-Site Registration Member	On-Site Registration Non Member Or Renewal (ACTIVE)	TOTAL
• **WEF Industrial Seminar**	$320.00	$365.00	$435.00	$480.00	
• **GIS - Asset Management**	$120.00	$240.00	$170.00	$290.00	
• **Driver Safety**	$120.00	$240.00	$170.00	$290.00	
• **AAEE Workshop**	$198.00	NA	$228.00	NA	
• **Air Pollution Workshop**	$120.00	$240.00	$170.00	$290.00	
• **AAEE/NJWEA Wes Eckenfelder Breakfast**	$ 19.00	NA	$ 20.00	NA	
• **Hazardous Waste Seminar, 8-Hr OSHA**	$ 89.00	$185.00	$119.00	$225.00	
• **UST Certification**	$177.00	$279.00	$210.00	$299.00	
• **PWO Membership Discount If Eligible)**		-$41.00		-$41.00	
Pre-Conference Registration Sub-Totals	_____ A	_____ B	_____ C	_____ D	= _____ = A+B+C+D

CONFERENCE REGISTRATION	Pre-Registration Member	Pre-Registration Non Member Or Renewal (ACTIVE)	On-Site Registration Member	On-Site Registration Non Member Or Renewal (ACTIVE)	TOTAL
• **Full Registration (See Page 1 for Description)**	$307.00	$427.00	$351.00	$471.00	
• **One Day Registration – Tuesday Only**	$ 62.00	$182.00	$110.00	$230.00	
• **One Day Registration – Wednesday Only**	$ 62.00	$182.00	$110.00	$230.00	
• **One Day Registration – Thursday Only**	$ 62.00	$182.00	$110.00	$230.00	
• **PWO Membership Discount If Eligible**		-$41.00		-$41.00	
Conference Registration Sub-Totals	_____ A	_____ B	_____ C	_____ D	= _____ = A+B+C+D

SPECIAL EVENTS TICKETS ONLY	Number	Pre-Reg. Cost		Onsite Cost		Extended Amount
Tuesday Evening Meet & Greet	_____x	$ 70.00	or	$ 75.00	=	_____
Wednesday Prayer Breakfast	_____x	$ 19.00	or	$ 20.00	=	_____
Thursday Presidents Awards Luncheon	_____x	$ 42.00	or	$ 45.00	=	_____
Thursday Grand Finale Reception	_____x	$ 70.00	or	$ 75.00	=	_____
Friday Closing Session/Breakfast	_____x	$ 19.00	or	$ 20.00	=	_____
Special Events Sub-Total Amount						_____

Pre-Conference Registration Sub-Total Amount Due: _____
Conference Registration Sub-Total Amount Due: _____
Special Events Sub-Total Amount Due: _____

Lost Badge Fee $110.00 – PER DAY

TOTAL AMOUNT DUE: _____

CANCELLATIONS
Cancellations must be in writing. No phone calls will be accepted. A 25% charge for cancellations made prior to 04/30/11. Absolutely no refunds will be made after that date.

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 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 (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 _____

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 6th Floor at the Bally's Diamond Club on Tuesday night, May 10, 2011. 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

Teaming up with our friends at the New York Dinner Theater, we've come up with a new twist to our Conference Gala. The theme for our 2011 Grand Finale is **"NJWEA's GOT TALENT"**.

You've seen some of that talent over the years at many of our conference dances and events - it's time we turn on the spotlight and bring out our stars.

As they've done so many times in the past, the Dinner Theater Group will host our show, provide a talented cast to interact with the audience and contestants, while providing a variety of music for everyone's listening and dancing pleasure.

Please don't miss the fun. Mark your calendars for Thursday evening; May 12, 2011 at Bally's where NJWEA's got talent!

If you're interested in becoming a contestant, please contact our Grand Finale coordinators:

Jim DeLaura	John Mele
(732) 609-7842	(609) 758-6666
jamesdelaura@gmail.com	jamele@optonline.net

NEW
"THE PEDDLERS CHALLENGE"

Wednesday May 11, 2011 (1:00 pm to 1:45 pm) in the Exhibit Hall Bally Room
Cheer on your favorite Sales Representative as they compete in a contest of Environmental Knowledge

---

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

COMMITTEE	CHAIRPERSON
Executive	Robert Sokolowski
Awards	Rocco J. Maiellano
Biosolids	Peter Nese
Collection Systems	Robert M Noel
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	Russell Franks
Program	Robert A. Pennington, P.E.
Publications	Tom Grenci
Public Education	Tom Meholic
Safety	Ken Hrasdzira
Scholarships Awards	Dr. Peter Strom
Site Remediation	Joe Fallon
Young Professionals	Fran Bonaccorso

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

TUESDAY, May 10
- AAEE 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

WEDNESDAY, May 11
- Coffee Breaks/Raffle in Exhibit Areas
- Lunch in Exhibit Areas
- Peddlers Challenge (See above)
- Beef & Brew & Turkey Stations in Exhibit Areas
  - Prayer Breakfast (See page 19)
- Sludge Bowl - Karaoke at the Blue Martini (See page 18)

THURSDAY, May 12
- Coffee Breaks/Raffle in Exhibit Areas
- NJWEA President's Award Luncheon
- Association Business Meeting

FRIDAY, May 13
- Breakfast Buffet - Raffle

The 34th Annual NJWEA
"Water for People Golf Outing"

Date: Tuesday May 10, 2011
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"

Please Reply By April 20, 2011
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. _____ $19.75

Golden Manhole Society Lunch - Wednesday at 12:00 noon _____ $25.75

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 CALL 800-345-7253 (ask for NJWEA rates)

CANCELLATIONS

Cancellations must be in writing. No phone calls will be accepted. A 25% charge for cancellations made prior to 04/30/11. 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. 6:45AM – 5:00 PM
WED. 7:30AM – 4:00 PM
THUR. 7:30AM – 12:00 NOON

EXHIBIT HOURS

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

REGISTRATION COORDINATOR

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

NJWEA OFFICERS

Robert Sokolowski, President
Robert E. Fischer, President Elect
Richard Eustace, Vice President
Frank Hartman, Treasurer
John J. Lagrosa, Executive Director

CONFERENCE MANAGER

John J. Lagrosa – (201)296-0021

COLLECTION COMMITTEE

Robert Noel, Chair

OPERATIONS CHALLENGE

Russell Franks, Chair
Michelle Geisinger, Spring Fling Coordinator

INDUSTRIAL COMMITTEE

John S. Schneekloth, PE, Chair

LABORATORY COMMITTEE

Donna Lyons, Chair

PROGRAM COMMITTEE

Robert A. Pennington, PE, BCEE Chair

SITE REMEDIATION COMMITTEE

Joe Fallon, Chair

CONFERENCE CO-MANAGERS

Henry Penley and Richard Eustace

MONDAY MAY 9, 2011

GIS & ASSET MANAGEMENT- SPRING '11

(8:45 a.m. to 4:15 p.m.) (TCH Hours: 6 W & WW)
NJDEP Course No. 03-01 11 14 3-0
CPWM No. NJWEA-DLGS-569 Tech. 6 Hrs.
NYPE PDH 6 Hours; NJPE 6 hours
Moderators:
S. Blankenship, PE, & T. Shea, PE

8:45 a.m. "Master Planning for the City of Newark's Sewer System"
Anthony Gagliostro, PE, Hatch Mott MacDonald
9:15 a.m. "A Phased Approach to SSO Mitigation Planning"
Sri Rangarajan, HydroQual, Inc.
9:45 a.m. "Delivering GIS to Staff at All Levels of Your Organization" Jayson Brennen, GISP, CDM
10:15 a.m. BREAK
10:30 a.m. "Benefits of a Cooperative GIS"
Christopher McClain, Brick MUA
11:00 a.m. "Mobile Technology Advances Asset Management Implementation"
Vincent Yee, PE, NEXGEN Asset Management
11:30 a.m. "Water Storage Facilities Asset Management Partnership" Martin "Marty" Mazzella, Utility Service Co.
12:00 p.m. Lunch
1:00 p.m. "Implementing 3D Design & BIM Modeling Into Capital Projects Environment"
Eugene Irving, NYC DEP
1:30 p.m. "GIS & Asset Management Case Study"
Rodney Lovely, PE, VUEWorks
2:30 p.m. BREAK
2:45 p.m. "WaterEUM Effective Utility Management"
Philip Tiewater, PE, ELM Consulting
3:45 p.m. Asset Management Round Table
Speakers from earlier presentations will answer questions and facilitate discussions on GIS & Asset Management

WEF-Industrial Wastewater Seminar

(8:45 a.m. to 4:45 p.m. Monday and
8:45 a.m. to 4:45 p.m. Tuesday)
6.0 & 6.0 WW TCH Hours per day respectively
NJDEP Course No. 03-01 11 15 2-0 (Day 1)
CPWM No. NJWEA-DLGS-570 Tech. 6 Hrs.
NYPE 6; NJPE 6

8:45 a.m. Opening General Session: Current and Future Issues and Concerns for Industry/Future Regulatory Directions on Emerging Contaminants and Microconstituents
Moderators:
Joseph Cleary, PE, BCEE, Senior Vice President, HDR/HydroQual, Inc.,
Mikel Goldblatt, PE, Consultant
Speakers Paul Bowen, Coca Cola
John Barber, Eastman Chemicals,
Emily McVey, FDA
Diana Eignor, EPA
10:45 a.m. BREAK
Session 1: Water Reuse
Moderators:
Bill Guarini, VP, Hi-Tech Environmental, Inc.
Mikel Goldblatt, PE, Consultant
11:15 a.m. "Wastewater Reuse/Recycling - Mass Balance Case Study" John Schneekloth, PE, Hatch Mott MacDonald
11:45 a.m. "Process Water Recovery and Reuse in Food Production Plant" Al Goodman, PE, CDM
12:15 p.m. Lunch "Where we have been and Where are we going"? By The 2011 Wes Eckenfelder Distinguished Lecturer - Richard Dewling, PhD, P.E, DEE, President, Richard Dewling Associates
Session 2: Case Studies
Moderators:
Dennis Scannel, HDR/HydroQual, Inc.
Gary Lohse, Veolia North America
11:15 a.m. "Intelligent Use of Existing Infrastructure for WWTP Upgrades at a Major Dairy Products Manufacturing Facility - Technical Approach and Results" Patrick Cyr, AGC
11:45 a.m. "Is Industry Going to the "Bugs?: A Case Study of an Industrial MBBR System" Debbie Hoyes, PE, Environmental Engineer, Pirnie-ARCADIS
12:15 p.m. Lunch "Where we have been and Where are we Going?" By The 2011 Wes Eckenfelder Distinguished Lecturer - Richard Dewling, PhD, P.E, DEE, President, Richard Dewling Associates
Session 3: Microconstituents
Moderators:
Ed Helmig, Wyeth
Gary Grey, HDR/HydroQual, Inc.
1:15 p.m. "Assessing the Fate of Triclosan in Wastewater Treatment Through Fate Modeling"
Hugh Monteith, Senior Consultant, Hydromantis Environmental Software Solutions Inc.
1:45 p.m. "Fate and Removal of Polycyclic Musks in Activated Sludge Wastewater Treatment" Tat Ebihara, Principal Engineer, ARCADIS U.S. Inc.
2:15 p.m. Networking break

2:45 p.m. "Expanding Wastewater Treatment Capacity at an API Manufacturing Facility by Converting Sequencing Batch Reactors to Membrane Bioreactors" Jason Rushing, Principal Environmental Engineer, ARCADIS

3:15 p.m. "Evaluation of Triclosan Removal in a Wastewater Treatment Plant Using ELISA Test" Holly Frederick, Visiting Assistant Professor, Wilkes University

3:45 p.m. "Occurrence of Triclosan, Triclocarban, and Their Transformation Products in Sediments Up and Downstream of U.S. Wastewater Treatment Plants" Arjun Venkatesan, Graduate Student, The Biodesign Institute at Arizona State University

4:15 p.m. "Microconstituents: Technical and Institutional Challenges" Simin Rezai, Water Resources Engineer, Maryland Department of Environment

Session 4**:** Energy Use Optimization – Supply Side and Efficiency Opportunities in Wastewater Treatment Facilities

Moderators:

Michael D. Curtis, Executive Vice President, Fuss & O'Neill, Inc.

Dennis Scannel, HDR/HydroQual, Inc.

1:15 p.m. "Hydrokinetic Energy Harvester Application at Pharmaceutical Plant Cooling Water Outfall, Renewable Energy from a Previously 'Hard to Get' Source" Joel Douglas, eGen, LLC

1:45 p.m. "Next Generation" "External Membrane Technology – Energy Advantages Using Air Lift MBR Process" Dan Turner, BioProcessH2O

Session 5: Process Optimization

Moderators:

Frank Johns, Tetra Tech, Inc.

Roger Guttshall, Process Equipment Sales, Inc.

2:45 p.m. "DAF Float Sludge Solids Optimization Using Design of Experiments (DoE) Tools" Mikel Goldblatt, PE, Independent Consultant

3:15 p.m. "Process Optimization of a Petroleum Refinery Wastewater Treatment Facility Using Process Modeling and Site Specific Biokinetic Constants" Hank Andres, Water and Wastewater Process Engineer, Hydromantis Environmental Software Solutions, Inc.

3:45 p.m. "Dairy Packaging Facility's Wastewater Woes, MBBR-Activated Sludge Process Optimization, and Reduction of Sludge Production and Disposal Costs", Laura Marcolini, Technical Director, BioWater Technologies US, LLC

4:15 p.m. "Source Reduction Methods and Successes at Frito-Lay", Al Goodman, CDM

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)

AAEE WORKSHOP - Water Management in Marcellus Shale Gas Exploration & Production

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

NJDEP Course No. 03-01 11 16 3-0

CPWM No. NJWEA-DLGS-571 Tech. 6 Hrs.

NYPE PDH 6 Hours NJPE 6 Hours

Natural gas production from low permeability shale formations (shale gas) has recently become economically viable due to technological advancements in horizontal drilling and hydraulic fracturing. Shale gas is present in numerous and large "basins" around the world, including across the United States, and has been largely untapped due to the very "tight" nature of shale rock. With horizontal drilling and hydraulic fracturing, previously inaccessible natural gas is made to flow through newly formed fractures in the shale to production wells for collection. As a result of this new development, natural gas extraction from shale formations is one of the most rapidly expanding trends in energy production today. With this rapid expansion come numerous challenges and concerns, not the least of which is effective management of water resources and water quality concerns in nearby groundwater and surface waters. One of the largest and most promising shale gas basins in the United States is the Marcellus Basin located in the eastern states of New York, Pennsylvania, Ohio, Virginia and West Virginia. This area is ideally located to serve the many populous cities in the region, while also bringing considerable concern from the public and regulatory authorities regarding protection of the environment including the Delaware and Susquehanna river basins. The purpose of the workshop, *Water Management in Marcellus Shale Gas Exploration & Production,* is to provide an overview of the shale gas development activities in the basin, water resource and water quality management, concerns, existing and proposed regulations, and methods of addressing water management needs as this important and large resource is developed.

Moderators:

Hunter C. Nolen, PE, BCEE, President - Industrial Service Group, CDM

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

9:00 a.m. "Shale Gas Water Management Introduction and

General Summary" – C. Hunter Nolen PE, BCEE, President Industrial Service Group CDM

9:30 a.m. "Marcellus Shale Water Management – an Operator's Viewpoint" Pete Miller, Director of Water Resources, Range Resources Corp.

10:15 a.m. BREAK

10:30 a.m. "Overview of Water Quantity and Quality Regulations Concerning Marcellus Shale Gas Development" R. Timothy Weston, Partner, K&L Gates LLP

11:15 a.m. "EPA's National Enforcement Initiative for Energy Extraction Sector Compliance with Environmental Laws" – Adam M. Kushner, Director, Office of Civil Enforcement, U.S. Environmental Protection Agency

12:00 p.m. LUNCH

1:00 p.m. "Water Resource and Quality Protection in the Delaware River Basin" William J. Muszynski, PE, Manager, Water Resources Management Branch, Delaware River Basin Commission

1:45 p.m. "The Why, the How, and the Art of Hydraulic Fracturing" Kent Dawson, Water Management Division, Baker Hughes

2:30 p.m. BREAK

2:45 p.m. "A Review of the Chemical Characteristics of Frac Flowback/Produced Water" Somnath Basu, AECOM

3:15 p.m. "Darcy's Law Speaks to the Protection of America's Ground Water" Dr. Terry Engelder, Professor of Geosciences, the Pennsylvania State University

3:45 p.m. "Key Considerations for Frac Flowback/Produced Water Reuse, Treatment and Disposal" Bob Kimball, Technical Director Produced Water Treatment, CDM

AIR POLLUTION PRESENTATIONS

(9:30 a.m. to 4:30 p.m.) (TCH Hours: 5.5 W & WW)
NJDEP Course No. 03-01 11 17 3-0
CPWM No. NJWEA-DLGS- 572 Tech. 5.5 Hrs.
NYPE 5; NJPE 5
Moderator
Richard Erickson, Sr. VP; Birdsall Services Group

9:30 a.m. "New Source Performance Standards (NSPS) and Maximum Achievable Control Technology (MACT) for Combustion Sources at Utilities Authorities", Richard Cestone, PE, CHMM; Birdsall Services Group

10:15 a.m. "EPA's Proposed New Source Performance Standards and Emission Guidelines for Sewage Sludge Incinerators" George Siple, QEP; CDM

11:00 a.m. BREAK

11:10 a.m. "Measuring and Reducing the Carbon Footprint of Wastewater Treatment Facilities" Michael Carim, First Environment, Inc.

12:00 p.m. LUNCH

1:00 p.m. "Combined Heat and Power Basics" George Neelen; Foley Power Systems

1:45 p.m. "Fundamentals of Air Pollution Engineering" Mohammed Sidhoum, PhD, BCEEM.; Stevens Institute of Technology

3:15 p.m. BREAK

3:30 p.m. "Go WIRELESS to Reduce the Cost of Emission Monitoring Systems" Josh Davies, Control Associates

TUESDAY MAY 10, 2011

AAEE/NJWEA Wes Eckenfelder Memorial Breakfast – MARCELLUS SHALE GAS! – WATER RESOURCE AND QUALITY PROTECTION IN THE DELAWARE RIVER BASIN

(7:00 a.m. to 8:15 a.m.) (TCH Hours: 1 W&WW)
NJDEP Course No. 03-01 11 18 3-0
CPWM No. NJWEA-DLGS-573 Tech.: 1 Hr.
NYPE PDH 1 Hour; NJPE 1 Hour
Moderator: Hunter Nolen, CDM
Speaker: William J. Muszynski, PE, Manager, Water Resources Management Program, Delaware River Basin Commission

Collection System Manager's Workshop Force Main and Pipeline Inspection, Assessment & Rehabilitation

(8:15 a.m. to 1:15 p.m.) (TCH Hrs: 4.0 WW)
NJDEP No. 03-01 11 19 2-0
CPWM No. NJWEA-DLGS-574 Tech.: 4 Hrs.
Moderators:
Robert M. Noel, Special Projects Manager / GIS Manager, Western Monmouth UA
Michael Simone, Vice President, Crew Engineering

8:15 a.m. "CMOM for Pump Stations and Maintenance" Jessy Nowicki, Mission Communications

9:30 a.m. "Sliplining Rehabilitation of Large Diameter Sewers" Mr. Rene R. Garcia, HOBAS Pipe USA

10:15 a.m. EXHIBIT AREA / BREAK

11:15 a.m. "Rehabilitation of Sanitary Sewer Facilities" Fred Haufler, Jr., Exeter Supply Co., Inc.

12:30 p.m. "FM Inspection, Assessment & Rehabilitation – A Case Study" William T. Suchodolski, PE, Ocean County Utilities Authority

1:15 p.m. CERTIFICATE DISTRIBUTION

Laboratory Workshop- Spring 2011

(8:30 a.m. to 1:30 p.m.) (TCH Hrs: 4 W&WW)
NJDEP No. 03-01 11 20 3-0
CPWM No. NJWEA-DLGS-575 Tech.: 4 Hrs.
Moderators:
Jean Manigold, Rahway Valley Sewerage Authority
Donna Lyons, D2L Associates, Inc.

8:30 a.m. Welcome and Opening Remarks
8:45 a.m. "Reverse Osmosis Part II" Carl Behrens, City of Cape May
9:30 a.m. "Tracking Laboratory Reagents Solutions and Standards in the Laboratory" Debra Waller, NJDEP – Office of Quality Assurance
10:15 a.m. BREAK
11:15 a.m. "Waterborne Pathogens: A Review of Potential Pathogens found in Water and Wastewater, Focusing on Pathogens Pertinent to Water, their Transmission Symptoms, Consequences and Preventative Measures " Bernie Rutkowski, Toms River MUA
12:00 p.m. "EPA's Newest Method Update Rule" Debra Waller, NJDEP – Office of Quality Assurance

Wastewater Treatment Operator's Workshop – Spring 2011

(8:30 a.m. to 1:30 p.m.) (TCH Hrs: 4 WW)
NJDEP No. 03-01 11 21 3-0
CPWM No. NJWEA-DLGS-576 Tech.: 4 Hrs.
Moderators:
Christopher Manak, Superintendent, Madison-Chatham Joint Meeting
Jeffrey Williams, Executive Director, Superintendent of Operations, Delran Township Sewage Utility
Gary Lohse, PE, Area Manager, Veolia Water North America

8:30 a.m. "The Fast Track to Ultraviolet Disinfection," Kevin F. O'Brien, PE, Project Engineer, Hatch Mott MacDonald
9:00 a.m. "Disinfection Utilizing an Innovative Microwave UV System," Joel Neulight, Northeast Sales Manager, Severn Trent Services
9:30 a.m. "The Untold Story of Turbo Compressor Performance Verification," Curtis Rogers, Sales Engineer, Siemens Energy – Turbomachinery Solutions / Turblex
10:00 a.m. BREAK
11:00 a.m. "Biotrickling Filters Solve Odor Problems for the Mount Holly Municipal Utilities Authority," Matthew E. Johnson, Senior Process Engineer, BioAir Solutions, LLC
11:30 a.m. "Reviving an Abandoned Process Line Provides Operational Flexibility with Sustainable Edge," Eric Granholm, PE Project Engineer, CDM
12:00 p.m. "Factors Affecting Flow Meter Accuracy," Greg Webster, Regional Manager, McCrometer
12:30 p.m. "Clarifier Operating Problems and Solutions," Adam Pashaian, Project Engineer, Monroe Environmental
1:00 p.m. "High Efficiency Blowers and Controls…the only way to go," Nick Roberts, National Sales Manager, Howden Water Technologies
Alternate: "Practical Uses of Instrumentation to Control Your Process," Bob Langie, General Manager, MJK North America, 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 Grenci, ECM, Inc.
Instructors:
David Grupp, MACTEC Engineering and Consulting, Inc.
Ed Goode, AWT Environmental
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

WEF-Industrial Wastewater Seminar - Day 2

(8:45 a.m. to 4:45 p.m.) 6.0 TCH Hours per day WW
NJDEP Course No. 03-01 11 22 2-0
CPWM No. NJWEA-DLGS-577 Tech.: 6.0 Hrs.
NYPE 6 NJPE 6
Session 6**:** Pharmaceutical Industries Wastewater Treatment
Moderators:
Joseph Cleary, PE, BCEE, Senior Vice President,HDR/HydroQual Inc.
Hugh Monteith, Senior Consultant, Hydromantis Environmental Software Solutions Inc.

8:45 a.m. "Selecting Water and Wastewater Management Solutions for Microconstituents, Organics, Nutrients Removal – What are the Pros and Cons

of Available Technologies", Joseph Cleary, PE, BCEE, Senior Vice President, HDR/HydroQual, Inc.

9:15 a.m. "Process Development, Design and Performance of a Full-Scale Industrial Wastewater Treatment Plant for Removal of Microconstituents (APIs): Technical Approach, Results and Lessons Learned" Ed Helmig, Wyeth

9:45 a.m. "Fate and Transformations of Microconstituents in Wastewater: What Can Modeling Tell Us?" Hugh Monteith, Senior Consultant, Hydromantis Environmental Software Solutions Inc.

10:15 a.m. "Evaluating Anaerobic Treatment for Treatment of Pharmaceutical Industry Wastewaters" Jason Rushing, Principal Environmental Engineer, ARCADIS

10:45 a.m. Networking Break

11:15 a.m. "Analytical Methods and Treatability Study Tools – Treatment of Microconstituents" Rominder Suri, Temple University

11:45 a.m. "Cross-Over Research for Drinking Water and Wastewater on Trace Organics" Kim Linton, Senior Account Manager, Water Research Foundation

12:15 p.m. LUNCH in the Exhibit Hall

Session 7: Removal of Metals in Wastewater

Moderators:

Al Goodman, CDM

Peter Norman, Senior Applications Engineer, GE Water & Process Technologies

8:45 a.m. "Evaluation of Chemical Oxidation Followed by Co-Precipitation and Ion Exchange Polishing for the Removal of Arsenic From Contaminated Groundwater" Bill Malyk, Principal Engineer AMEC Earth and Environmental

9:15 a.m. "Setting the Standard for Selenium Removal" Jill Sonstegard, Microbiologist, GE Power & Water

9:45 a.m. "Unique Approach to Complying With Very Stringent National Pollutant Discharge Elimination System Permit Limits for Copper" William Payne, Fellow Technical Advisor Savannah River Nuclear Solutions

10:15 a.m. "Dynamic Modelling of Heavy Metals Behavior in Whole Wastewater Treatment Plants", Frederic Cloutier, Research Assistant, Université Laval

10:45 a.m. Networking Break

Session 8: Process Modeling

Moderators:

Peter Norman, Senior Applications Engineer, GE Water & Process Technologies

Al Goodman, CDM

11:15 a.m. "Process Modeling and Design for Combined Biological Nutrient Removal and Chemical Precipitation for High Strength Meat Processing Wastewater" Raymond Hamilton, Senior Engineering Manager, AMEC Earth & Environmental

11:45 a.m. "Assessment of the Contribution of Triclosan to Dioxin Emissions from Sludge Incineration in the U.S. Using a Mathematical Model" Arjun Venkatesan, Graduate Student, The Biodesign Institute at Arizona State University

12:15 p.m. Lunch in the Exhibit Hall

Session 9: Upgrade of Existing Treatment Plants to Improve Biological Treatment and Solids Removal Capacity

Moderators:

Stephen Constable, Senior Consultant, DuPont Engineering Research & Technology

Ajit Ghorpade, Technical Director, Biological Processes, Veolia Water (NA Water Systems)

1:15 p.m. "Using Rapid Clarification to Provide Compliant Wastewater Treatment During Maintenance Overload Events" Stephen Constable, DuPont Engineering Research & Technology, Holly Johnson, NA Water Systems

1:45 p.m. "Meeting Extremely Low Phosphorous Limits at a Cheese Plant Through Dual Sand Filter Technology" Madhavi Batchu, Parkson Corp.

2:15 p.m. Networking Break

2:45 p.m. "Engineering Robust Bug Motels for Tough Industrial Wastewater Retrofits" Wayne Flournoy, Entex Technologies Inc.

3:15 p.m. "Changing the Focus From Nutrient Removal to Nutrient Recovery" Matthew Kuzma, Ostara Nutrient Recovery Technologies

3:45 p.m. "Industrial Wastewater Treatment Case Study: Capital and Operating Cost Savings with Pure Oxygen" Randall Marx, Praxair Inc.

4:15 p.m. "MBBR Technology Increases Wastewater Treatment Capacity, Helps Meet Discharge Standards" Ajit Ghorpade, Veolia Water (NA Water Systems)

Session 10: Innovations

Moderators:

John Schneekloth, Hatch, Mott, McDonald

Lance Salerno, Malcolm Pirnie, The Water Division of ARCADIS

1:15 p.m. "Automated Model Calibration and Forecasting for Unit Process Maintenance" Spencer Snowling, V.P. Business And Product Development, Hydromantis Environmental Software Solutions

1:45 p.m. "The Use of Bioaugmentation and ATP-Based Monitoring for Bioactivity and Stress to Improve Performance at a Refinery WWTP" Peter Norman, Senior Applications Engineer, GE Water and Process Technologies

2:15 p.m. Networking Break

Session 11: Membranes

Moderators:

Lance Salerno, Malcolm Pirnie, The Water Division of ARCADIS

John Schneekloth, PE, Vice President, Hatch, Mott, McDonald

2:45 p.m. "Large US Brewer Selects MBR System to Meet Stringent Nutrient Discharge Limits for Effluent Discharge to the Chesapeake Bay" Shannon Grant, VP Technology, ADI Systems Inc.

3:15 p.m. "Treatment of Contaminated Stormwater in the Arctic Using a Multibarrier Nanofiltration Oily Water Treatment System" Joel Westberg, Staff Engineer, AMEC Earth and Environmental

3:45 p.m. "Using Pure Oxygen Injection With Membrane Bioreactor" Mark Stone, R&D Manager, Ovivo

4:15 p.m. "Evaluation of Cross-flow Membranes Operated During Anaerobic Membrane Bioreactor (AnMBR) Pilot Study" Timur Dunaev, BioTechnology Engineer, Biothane, LLC

Alternate

"Innovative Chemically Enhanced Nutrient Removal and Recovery Technology to Improve Water Quality"
Edward Weinberg, Sr. Technical Director, O'Brien & Gere Engineers, Inc

Energy Saving Options for Treatment & Collection Systems

(9:00 a.m. – 12:00 p.m.) (TCH Hrs: 3 WW)
NJDEP No. 03-01 11 23 2-0
CPWM No. NJWEA-DLGS-578 Tech.: 3 Hrs.
NYPE 3; NJPE 3
Moderators:
Janine Witko, PE, Northeast Water and Power Manager, Halcrow
Kelly O'Connor, PE, Senior Project Manager, CH2M HILL

9:00 a.m. "Energy Reduction Offers Payback" Neil O'Regan PE, Construction Manager & Electrical Engineer, Ocean County Utility Authority; Charlie Hurst, PE, BCEE, Senior Associate, Malcolm Pirnie, Inc.

9:30 a.m. "Energy Saving Options from Optimized Wastewater pumping operations at Melbourne Water" William David Williams, Vice President, Halcrow

10:00 a.m. "BCUA Sludge Facility Improvements – A Very Green Impact" John Orecchio, Senior Engineering Specialist, Malcolm Pirnie, Inc.

10:30 a.m. "Increasing Anaerobic Digestion & CHP Performance with BAE at the Landis Sewerage Authority, Vineland, NJ" Thomas H. Kavookjian, Manager of Technical Services, JHS International

11:00 a.m. "Energy savings in wastewater biological treatment and collections using premium efficiency motors and permanent magnet motors with VFD technology" Chris Caldwell, Director of Advanced Collection Technology, Cardo Group; Dante Cimadamore, Aeration and Mixing Consultant, Cardo Group

11:30 a.m. "Combined Heat and Power Feasibility Study" Mark A. Wiitanen, Senior Project Manager, HDR Engineering; Sheldon Lipke, PE, Superintendent of Plant Operations, Passaic Valley Sewerage Commissioners

The Future of Energy Management (Efficiency and Recovery) for the Wastewater Sector

(1:30 p.m. – 4:30 p.m.) (TCH Hrs: 3 W&WW)
NJDEP No. 03-01 11 24 3-0
CPWM No. NJWEA-DLGS-579 Tech.: 3 Hrs.
NYPE 3; NJPE 3
Moderators:
Kelly O'Connor, PE, Senior Project Manager, CH2M HILL
Janine Witko, PE, Northeast Water and Power Manager, Halcrow

1:30 p.m. "Energy in Wastewater and the Roadmap to the Energy Neutral Plant of the Future" Lauren Fillmore, Program Director, Water Environment Research Foundation

1:50 p.m. "Immediate Steps toward Energy Independence – CHEAPET" Thomas Johnson, Environmental Engineer, CH2M HILL

2:10 p.m. "Life-cycle Assessment Manager for Energy Recovery – A Tale of Two Utilities" Jay Surti, Project Engineer, CH2M HILL

2:30 p.m. "Co-digestion of Food Waste" David L. Parry, Ph.D, PE, BCEE, Senior Vice President, Camp Dresser & McKee Inc.

3:00 p.m. "USEPA Combined Heat and Power Technology Evaluation" Robert K. Bastian, Office of Wastewater Management, USEPA Headquarters

3:30 p.m. "Energy Efficiency in Wastewater Treatment: Compendium of Best Practices" Stephen Tarallo, Regional Business Lead, Sustainable Water and Energy Solutions, Black & Veatch

3:50 p.m. Panel Discussion: Barriers to Biogas utilization for Energy Recovery
Robert K. Bastian, Office of Wastewater Management, USEPA Headquarters
Stephen Tarallo, Regional Business Lead, Sustainable Water and Energy Solutions, Black & Veatch
David L. Parry, Ph.D, PE, BCEE, Senior Vice President, Camp Dresser & McKee Inc.

Instructor's 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 - 2011

(2:30 p.m. – 4:30 p.m.) (TCH Hrs: 2 W&WW)
NJDEP No. 03-01 11 25 3-0
CPWM No. NJWEA-DLGS-580 Tech.: 2 Hrs.
NYPE 2; NJPE 2
Moderators:
Robert Bendlin, President, Bendlin Incorporated
Stephen Rozewski, Associate, Bendlin Incorporated

2:30 p.m. "Impact of Flushable Towelettes on Pump Station Operations and Grinding Pump Solutions" Arthur K. Goodale, Director of Regional Sales and Marketing, Homa Pump Technology Inc.

3:00 p.m. "Upgrades and Modernization of Liquid Rheostat Systems" Alex Stojanovic, PE., Sr. Project Development Engineer Flomatcher, Inc.

3:30 p.m. "New Developments in Bioscrubber Design and Performance for Odor Control" David Enegess, VP Envirogen Product Envirogen Technologies, Inc.

4:00pm: "Return on Green Investment: Significant Operational Expenditure Reduction for Wastewater Facility from Anaerobic Digester Upgrade" Mervyn W. Bowen, Regional Sales Manager Infilco Degremont, Inc.

Peddlers Challenge – Exhibit Area

(1:00 p.m. to 1:45 p.m.) See page 4 for more information

Exhibit Area Presentation -"Sewage Grinders and Progressing Cavity Pump Applications and Maintenance"

(2:00 p.m. – 3:00 p.m.) (TCH Hrs: 1 WW)
NJDEP No. 03-01 11 26 2-0
CPWM No. NJWEA-DLGS-581 Tech.: 1 Hrs.
Moderator:
John Mele, Hobas Pipe
Presented by:
Ron Aceto, Monoflo
Roger Parkhurst, Pumping Services, Inc.

Summary:
The first portion of this session will explain the operations of a progressing cavity pump, how they operate and how to inspect them. It will show the various types of drive joints available and how to remove the stator and rotor and inspect the drive joint.
The second portion of this session will provide an explanation of the different types of installations available for channel type sewage grinders and inline sewage grinders. It will show how they operate and how to provide periodic maintenance to keep your units operating.

WEDNESDAY MAY 11, 2011

Student Session

(8:30 a.m. to 4:00 p.m.)
Moderator:
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":
Robert Sokolowski, President, NJWEA
Deborah J. Houdeshell, WEF Executive Committee
"The Importance of Professional Organizations in Career Development and Comparing Opportunities in the Public and Private Sectors"
Fran Bonaccorso, NJWEA YP Chair
"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 - 2011

(8:30 a.m. to 4:00 p.m.) (TCH Hrs: 6 W & WW)
NJDEP No. 03-01 11 27 3-0
CPWM No. NJWEA-DLGS-582 Tech.: 6 Hrs.
NYPE 6 NJPE 6
Moderators:
Manuel Ponte, PE, Vice President, ARCADIS
Thomas A. Laustsen, PE, BCEE, Principal Engineer, CDM
Colin Ferguson, PE, Senior Project Engineer, Malcolm Pirnie

8:30 a.m. "Effective Equipment Specifications: Specifying and Competitively Bidding Materials and Equipment", Kevin M. O'Beirne, PE, Associate, Malcolm Pirnie.

9:30 a.m. "Introduction to the Engineers Joint Contract Documents Committee", James C. Brown, II, PE, Engineers Joint Contract Documents Committee, Construction Documents Subcommittees Chair and Procurement Documents Subcommittee Chair.

10:30 a.m. "Face the Change: What You Should Know About Construction Contract Modification Procedures",

Kevin M. O'Beirne, PE, Associate, Malcolm Pirnie & James C. Brown, II, PE, Engineers Joint Contract Documents Committee, Construction Documents Subcommittees Chair and Procurement Documents Subcommittee Chair

11:30 a.m. Lunch Break

1:00 p.m. "Realities and Strategies in the Construction Alternative Dispute Process: When Can Mediation Really Get It Done"? I. Michael Heine, Esq., Principal, Heine Associates, P.A.

2:00 p.m. "Scheduling to Manage the Project and Avoid Disputes", John C. Livengood, Associate Vice President, ARCADIS

3:00 p.m. "Equipment Specifications – The Contractor's Perspective – The Good – the Bad and the Ugly"! Larry Gillman, Vice President of Operations, Skanska USA Civil Northeast

3:30 p.m. Panel Discussion/Audience Participation
Kevin M. O'Beirne, PE, Associate, Malcolm Pirnie
James C. Brown, II, PE, Engineers Joint Contract Documents Committee
I. Michael Heine, Esq., Principal, Heine Associates, P.A.
John C. Livengood, Associate Vice President, ARCADIS
Larry Gillman, Vice President of Operations, Skanska USA Civil Northeast

Maintenance Workshop – Spring 2011

(8:30 a.m. to 1:30 p.m.) (TCH Hrs: 4 W&WW)
NJDEP No. 03-01 11 28 3-0
CPWM No. NJWEA-DLGS-583 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. "Submersible Pump – Inspection and Maintenance (Hands On)"
Rich Malt, Vice President of Operations
Marty Striefler, Sales Service Manager
PSI Process & Equipment

9:30 a.m. "Understanding Plant Controls and Automation"
Vincent Tabone, President, PCS Pumps and Process

10:15 a.m. Break

11:15 a.m. "Assessing Machine Safeguarding" Scott Brayton, Business Development Manager, Omron STI

12:00 p.m. "O & M of a Cogeneration Facility" Roman Wisniewski, Maintenance Manager - JMEUC

12:45 p.m. "Maintenance of Ultraviolet Disinfection Systems" Romeo Bela, Operation Manager Glasco & Sun

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,
Instructors: Daniel Toder, PG, LSRP 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

Biosolids Session – Spring 2011
Joint MABA/NJWEA Biosolids Workshop

(9:00 a.m. to 4:00 p.m.) (TCH Hrs: 5 WW)
NJDEP No. 03-01 11 29 2-0
CPWM No. NJWEA-DLGS-584 Tech.: 5 Hrs.
Moderators:
Peter A. Nese, Vice President, CH2MHILL
William E. Toffey, Executive Director, MABA

9:00 a.m. "Public Relations in the Biosolids Industry"
Diane Garvey, President, Garvey Resources

9:30 a.m. "SQAR – What's New" Jim Lunski, Principal Environmental Specialist, Bureau of Residuals Management, NJDEP

10:00 a.m. "The Slurry Carb Process - Case History"
Brian Dooley, Vice President of Marketing
EnerTech Environmental

10:30 a.m. Break

10:45 a.m. "Spotsylvania County's New Improved Composting Facility, with State-of-the- Art Odor Control" Todd O. Williams, PE, Principal Technologist, CH2M HILL

11:15 a.m. "Economical Conversion of Municipal Sludge (Biosolids) into Renewable Energy Product Using Solar Sludge Dryers" Rob Kershner, Environmental Technologies

11:45 a.m. "Regulatory Update: Mid- Atlantic/National"
Michael Wardell, MABA

12:00 p.m. MABA Luncheon and Member Meeting, The Reserve Restaurant, 6th Floor

1:30 p.m. "Comparing Anaerobic Digestion and Cogeneration to Drying/Gasification for Washington Suburban Sewer Commission (WSSC)" Dr. Mohammad Abu-Orf, Biosolids Technology Leader, AECOM

2:00 p.m. "Microbial Risk Assessment Modeling"
Dr. Patrick Gurian, Drexel University

2:30 p.m. "Private-sector Regional Composting for Municipal Biosolids Management" Bob Broom, McGill Composting
3:00 p.m. "DC Water Biosolids Program Update" Chris Peot, Biosolids Manager, DC Water
3:30 p.m. "New Developments with the Rotary Press for Dewatering of Various Residuals, Including Waste Activated Sludge" Peter Gagne', Fournier Industries, Inc
Adjourn 4:00 p.m.

Association Updates

(9:00 a.m. to 9:45 a.m.)
9:00 a.m. "NJWEA Update" Robert Sokolowski, President, NJWEA
9:10 a.m. "Federation Address" Deborah J. Houdeshell, WEF Executive Committee Member
9:30 a.m. "Student Scholarship Awards Program" Dr. Peter F. Strom, Professor, Rutgers University/Cook College

Regulatory Interface Session

(9:45 a.m. to 10:45 a.m.) (TCH Hrs: 1 W&WW)
NJDEP No. 03-01 11 28 3-0
CPWM No. NJWEA-DLGS-585 Tech.: 1 Hrs.
A Discussion with NJDEP and USEPA Managers
Hot Topics related to Water Resources
Moderators:
Thomas Amidon, Omni Environmental
Bryan Christiansen, Malcolm Pirnie
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 or Appointee
United States Environmental Protection Agency Region 2
Bob Martin, Commissioner or Appointee
New Jersey Department of Environmental Protection
Example Topics of Interest:

1. Upcoming Rule Changes
2. Science Advisory Board
3. Status of Wastewater Management Plans
4. Implementation of Nutrient Criteria Enhancement Plan.

Industrial Environmental Management Session – Spring 2011

(11:00 a.m. to 12:00 p.m. and 2:00 p.m. to 4:00 p.m.)
NJDEP No. 03-01 11 31 2-0 (TCH Hrs: 3 WW)
CPWM No. NJWEA-DLGS-586 Tech.: 1.5, Gov.: 1.5 Hrs.
Moderators:
John Schneekloth, PE, Vice President, Hatch Mott MacDonald
Bill Guarini, Vice President, Hi-Tech Environmental
Industrial Environmental Management
11:00 a.m. "EPA NPDES Program Update – Identifying Significant Non-Compliance Violations - Pharmaceutical/Cosmetic Classification" Virginia Wong, Regional Pretreatment Coordinator, USEPA Region 2
12:00 p.m. Lunch Break
Industrial Environmental Management Session (con'd)
Industrial Pretreatment Program (IPP) Panel
2:00 p.m. "IPP – Monitoring, Reporting & Enforcement" John Dinice, Bergen County Utilities Authority
2:30 p.m. "Practical Aspects of Developing, Adopting & Implementing Local Limitations" Richard Lulla, PE, Hatch Mott MacDonald
3:00 p.m. "Industrial Inspections & Building Permittee Relationships" Andy Caltagirone, Passaic Valley Sewerage Commissioners
3:30 p.m. "IPP – Non-Delegated Local Agency IPP Program" Tori Morgan, Pretreatment/Compliance Manager United Water
4:00 p.m. Session Ends

The Wastewater Toolkit – Cost Saving Measures

(11:00 a.m. to 12:30 p.m. and 2:00 p.m. to 4:00 p.m.)
NJDEP No. 03-01 11 32 3-0 (TCH Hrs: 3.5 W&WW)
CPWM No. NJWEA-DLGS-587 Mgmmt.: 3.5

Moderators:
Sheldon Lipke, PE, Plant Superintendent
Passaic Valley Sewerage Commissioners
Marques D. Eley, Process Control Engineer, Passaic Valley Sewerage Commissioners
11:00 a.m. "Cooperative Purchasing Agreements" Gordon Ball, Procurement Specialist NJ Department of Community Affairs
11:30 a.m. "Innovative Financing" Matthew Karrenberg, Partner, DeCottis, Fitzpatrick & Cole, LLP
12:00 p.m. "Automation for Cost Savings" Clyde Younkin, P.E., Chief Operating Officer, EMA, Inc.
12:30 p.m. Lunch Break
2:00 p.m. "Design-Build for Reduced Costs" Kurt Emmerich, P.E., BCEE, Vice President, HDR Inc
2:30 p.m. "Training Staff for Improved Performance" Richard A. Cardazone, P.E., BCEE, Utility Management Consultant, Malcolm Pirnie

3:00 p.m. "Contract Operations – What's in that Toolkit" Gary Fournier, Project Director, CH2M-Hill
3:30 p.m. "Lean Management in Process" Eberhard Weiblen, CEO, Porsche Consulting GmbH
Alternate Speaker: Tom Fuscaldo, PVSC

Incident Command's 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 Mgmnt. 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).

Watersheds: What's New in Planning and Protecting Your Watershed?

(1:30 p.m. to 4:00 p.m.)
NJDEP No. 03-01 11 33 3-0 (TCH Hrs: 2.5 W&WW)
CPWM No. NJWEA-DLGS-588 Mgmnt. 1.5 Gov.: 1 Hrs.
Moderators:
William J. Muszynski, PE, Water Resources Management Branch Manager, Delaware River Basin Commission
Amy Shallcross, PE, Operations Section Chief, Delaware River Basin Commission
1:30 p.m. "What's New in NJDEP Watershed Management Program Requirements" Tom Micai, Director, Land Use and Planning Division, New Jersey Department of Environmental Protection
2:00 p.m. "DRBC Regulatory Update: PCB TMDL Implementation, Water Quality Criteria for Toxic Pollutants and Natural Gas Regulations" Thomas J. Fikslin, Ph. D., Branch Manager, Monitoring, Modeling and Assessment Branch Delaware River Basin Commission
2:30 p.m. "Programs to Restore Dissolved Oxygen in the Delaware Estuary Work: Historical Data and Current Efforts" Erik L. Silldorff, Ph.D., Aquatic Biologist, Delaware River Basin Commission
3:00 p.m. "The Role of the National Infrastructure Protection Plan to the Water and Wastewater Industry" David K. Brauner, Program Manager, Federal Service Group, CDM

Exhibit Area Presentation - 2011

(2:00 p.m. to 3:00 p.m.)
NJDEP No. 03-01 11 34 3-0 (TCH Hrs: 1 W& WW)
CPWM No. NJWEA-DLGS-589 Tech. 1 Hrs.
Moderator: Stephen Rozewski, Associate, Bendlin Incorporated
Centrifugal Pumps: Common Problems and Typical Solutions to Increase Pump Life and Performance
Jim Miller, Abba Pump Parts and Service

THURSDAY MAY 12, 2011

Industrial Wastewater Operator Workshop - 2011

(8:15 a.m. to 12:45 p.m.) (TCH Hrs: 4.5 WW)
NJDEP No. 03-01 11 35 2-0
CPWM No. NJWEA-DLGS-590 Tech.: 4.5 Hrs.
Moderators:
Lance P. Salerno, Senior Consultant, Malcolm Pirnie, The Water Division of ARCADIS
Thomas L. Patterson, Executive Vice President, Hatch Mott MacDonald
8:15 a.m. "Whole Effluent Toxicity Basics", Chris Nally, President/Laboratory Director, American Aquatic Testing, Inc.
9:15 a.m. "Effluent Non-Ammonia Toxicity", Kevin D. Torrens, BCEEM, Senior Associate/Dept. Manager Industrial Water Quality, Brown and Caldwell
9:45 a.m. Exhibit Area Presentation - "Practical Considerations for Effective Implementation of On-Line Analyzers" Jay Mershon, Sr. Product Business Manager- Analysis Products, Endress + Hauser
10:15 a.m. Exhibit Area
10:45 a.m. "Industrial Wastewater Treatment in the Pulp And Paper Industry" John Lewyta, PE, BCEE, O&M Services Manager, Hazen and Sawyer, P.C.
11:45 a.m. "Lessons learned on the way to successful implementation of automatic DO control at large WWTP", Edward G. Kowalski, PE, PMP, Associate and Federico Arango Project Engineer Instrumentation and Controls, Malcolm Pirnie
12:15 p.m. "Optimizing Nitrification Operations", Matthew R. Litman, Ph.D., PE, Process Engineer, Malcolm Pirnie

Collection System Operator's Workshop Manhole Inspection, Assessment & Rehabilitation - (It's Nothing to Horse Around With)

(8:15 a.m. to 12:45 p.m.) (TCH Hrs: 4.0 WW)
NJDEP No. 03-01 11 36 2-0
CPWM No. NJWEA-DLGS-591 Tech.: 4 Hrs.

Moderators:
James J. Paluch, Assistant Superintendent/Collection System Operations JMEUC
Louis C. Lambe, Connection Program, PVSC

8:15 a.m. NASSCO's Manhole Assessment Certification Program (MACP) Steve Henning / NASSCO Con Shield Technologies, Inc.
9:15 a.m. "Mechanical Seals and Inserts for Manhole Rehabilitation" Lee Haessig, Cretex Specialty Products
10:00 a.m. EXHIBIT AREA / BREAK
10:30 a.m. "Concrete Liners & Cementitious Coatings" Steve Henning, Con Shield Technologies, Inc.
11:15 a.m. "Polymer Coatings & Grouts" Tom Perry, Multi Utilities Ventures / Neopoxy
12:00 p.m. "MH Inspection, Assessment & Rehabilitation - A Case Study" William T. Suchodolski, PE Ocean County Utilities Authority

Safety Workshop – Spring 2011 Security Concerns at Water and Wastewater Facilities

(8:15 a.m. to 12:45 p.m.) (TCH Hrs: 4.5 Safety)
NJDEP No. 03-01 11 37 3-1
CPWM No. NJWEA-DLGS-592 Tech.: 4.5 Hrs.
Moderator: Stephen Dowhan, Sr. Project Manager, JMEUC

8:15 a.m. "Hardware for Infrastructure Security", Scott Para, Manager of Security and Event Management, American Water Works Service Company
8:45 a.m. "Facility Security Case Study Presentation", Scott Para, Manager of Security and Event Management, American Water Works Service Company
9:15 a.m. "NJWARN (NJ Water Agency Resource Network)", Rick Howlett, Executive Director, NJ Water Association
9:45 a.m. Exhibit Area Presentation "Lock-Out/Tag-Out Devices" John McShane, Pendergast Safety Equipment Company
10:15 a.m. EXHIBIT AREA
10:45 a.m. "Improvised Explosive Device Awareness", Frank Westfall, Protective Security Advisor, U.S. Department of Homeland Security
11:15 a.m. "Operations Security / Communications Security (OpSec/ComSec)", Audrey Miller, Analyst, NJ Office of Homeland Security and Preparedness
11:45 a.m. "Security Awareness (See Something, Say Something)" Harry Kleinkauf, Training Liaison, NJ Office of Homeland Security and Preparedness
12:15 p.m. "Introduction to Basic Surveillance Camera Infrastructure", Ray Jimenez, IT Manager and Hubert Mortola, Computer Technician, Joint Meeting of Essex & Union Counties

Nutrient Removal - 2011

Part I: NJDEP No. 03-01 11 38 2-0 (TCH Hrs: 3 WW)
CPWM No. NJWEA-DLGS-593 Tech.: 3 Hrs
Part II: NJDEP No. 03-01 11 39 2-0 (TCH Hrs: 2 WW)
CPWM No. NJWEA-DLGS-594 Tech.: 2 Hrs
(PART I: 8:45 a.m. to 12:30 p.m.)
Moderators:
Timothy D. Bradley, PE, Omni Environmental LLC
Jerome A. Harris, Jr., P.P, PE, CME Associates

8:45 a.m. "An Innovative Approach to Centrate Nitrification Accomplishes Multiple Goals – Nitrogen Removal and Odor Control", Joseph A. Husband, Vice President, Malcolm Pirnie, Inc
9:20 a.m. "Achieving Enhanced Nutrient Removal and Additional Capacity at Low Capital Costs" Wayne D. Simpson, PE, BCEE, Senior Associate, Alaimo Group
10:00 a.m. Break
10:45 a.m. "Chemical Phosphorus Control, How Low Can Clarifiers Go"? Fletcher N. Platt, PE, Planner Administrator, Rockaway Valley Regional Sewerage Authority
11:20 am "Tackling Struvite Problems Through Sustainable Nutrient Recovery" Paul Meschino, PE Vice President, Ostara
11:55 am "Enhanced Nutrient Removal at the Back River Wastewater Treatment Plant" John D. (Dale) Emerson, Vice President, Whitman, Requardt and Associates, LLP

(PART II: 2:00 p.m. to 4:00 p.m.)
Moderators:
Jerome A. Harris, Jr., P.P., PE, CME Associates
Timothy D. Bradley, PE, Omni Environmental LLC

2:00 pm "Innovative Nitrogen Removal Process Combines Fixed Film Treatment with Activated Sludge" Jon T. Richens, PE Process Division Manager, WesTech Engineering, Inc.
2:30 pm "Choosing the Right Sidestream Treatment Technology: A Tale of Two Cities" Dimitrios Katehis, Ph.D., PE CH2MHill
3:00 pm "Combining Stress Testing with Process Modeling To Optimize Treatment Plant Performance" Norman Bradley, PE Senior Principal Engineer, Hazen and Sawyer, P.C.
3:30 pm "Costs and Benefits of the USEPA Nutrient Removal" David J. Kinnear, Ph.D., PE HDR Engineering

Issues of Emerging Concern - 2011

(Part I 8:45 a.m. to 12:30 p.m.)
NJDEP No. 03-01 11 40 3-0 (TCH Hrs: 2.5 WW)
CPWM No. NJWEA-DLGS-595 Tech.: 1.5 Gov.: 1 Hrs.

(Part II 2:00 p.m. to 4:00 p.m.)
NJDEP No. 03-01 11 41 3-0 (TCH Hrs: 2 WW)
CPWM No. NJWEA-DLGS-596 Tech.: 1.5 Gov.: 0.5 Hrs.
Part I: Re-Evaluating Reuse
Moderators:
Gary M. Lohse, PE, Area Manager, Veolia Water North America
Simone R. Christie, PE, Project Engineer, CDM

8:45 a.m. Welcome and Overview
Gary M. Lohse, PE, Veolia Water North America

9:00 a.m. "Water Footprints and Their Impact On, and From Corporate Reporting" David Restaino, Esq., Partner, Fox Rothschild, LLP.

9:30 a.m. "Planning for a New Reuse System – A Reclaimed Water Rate Study for Loudon County Virginia" Karen Lowe, Project Engineer, CDM

10:00 a.m. BREAK

10:45 a.m. "Membrane Bioreactors for On-Site Wastewater Treatment and Recycling at The Visionaire, NYC" Paul Knowles, Ph.D. Sustainability Engineer, Alliance Environmental, LLC

11:15 a.m. "Utilizing Ultraviolet Light in Water Reclamation/Reuse" Patrick Bollman, PE Municipal Operations Manager, ETS

11:45 a.m. "Effluent Reuse: Standing the Test of Time" Joseph Cantinieri, Project Manager, Veolia Water North America

Alternate "High-Demand Industrial Users Reap Benefits of Loudon Water's Reuse Program" Karen Lowe, Project Engineer, CDM

Part II: 2:00 p.m. – 4:00 p.m.

2:00 p.m. "Reclaimed Water – A Solution to TMDL Compliance" Nicole Kolankowsky, Project Engineer, CDM

2:30 p.m. "Is There a Nitrate Limit in Your Future"? Patricia M. Kehrberger, Associate, HydroQual, Inc.

3:00 p.m. "Protecting Aquifers Across State Lines: A Rockland County, NY Case Study" Gary M. Lohse, PE Area Manager, Veolia Water North America

3:30 p.m. "Direct Application of Drinking Water Criteria to Wastewater Dischargers in New Jersey" James Cosgrove, PE, Principal, Omni Environmental LLC

Alternate TBD
Dimitri Katehis Ph.D, P.E
Principal Technologist, CH2M Hill, Inc.

Alternate "Watershed-based Approaches to Stormwater Management" Sri Rangarajan Practice Leader for Watershed Services, HydroQual, Inc.

Grand Finale Reception:

(7:00 p.m. to???)
NJWEA'S GOT TALENT

FRIDAY MAY 13, 2011

Closing Session / Breakfast Buffet
(9:00 a.m.)

NJWEA PROGRAM COMMITTEE ROSTER

Robert A. Pennington, PE Chair

Kevin Aiello
Tom Amidon
Robert R. Bendlin
Stephen Blankenship, PE
Joseph F. Bonaccorso
Francis Bonaccorso
Timothy D. Bradley, PE
Bryan Christiansen
Simone Christie, PE
James DeBlock
James DeLaura, PE
Steve Dowhan
Marques Eley
Richard Erickson
Joe Fallon
Colin Ferguson
Robert C. Fischer
Joseph Frissora, PE
Mikel Goldblatt, PE
Thomas Grenci
Jerome A. Harris
Frank Hartman
Ken Hrasdzira
Michael J. Hope, PE
John J. Lagrosa
Thomas Laustsen, PE
Sheldon S. Lipke, PE
Gary M. Lohse, PE
Donna Lyons
Christopher Manak
John A. Mele
William J. Muszynski, PE
Peter A. Nese
Robert M. Noel
Kelly O'Connor, PE
Tomas L. Patterson
James J. Paluch
Henry Penley
Manuel Ponte, PE
Stephen Rozewski
Lance Salerno
John Schneekloth, PE
Tim Shea, PE
Michael Simone, Jr., PE
Kenneth S. Stoller, PE
Peter F. Strom, Ph.D.
Jeffrey Williams
Roman Wisniewski
Janine B. Witko, PE

Pennsylvania Professional Engineers - The New Jersey Water Environment Association (NJWEA) currently offers Continuing Education Credits for New York Professional Engineers, we believe these and many of our other courses also meet the requirements of the Pennsylvania Professional Engineer's Continuing Education needs. The Pennsylvania State Board of Professional Engineers, Land Surveyors and Geologists (The Board) do not approve courses in advance. However, technical sessions provided by NJWEA should meet the Board's requirements if the PE keeps the program book and his/her certificates received after the completion of the technical sessions issued by the NJWEA."

NJWEA Spring Fling – 2011 Operations Challenge May 9 & May 10

Come Join Us! At the NJWEA 2011 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 96th 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 9 and May 10, 2011. 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 2011.
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. 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 96th Annual Conference
Saturday, May 7, 2011 through Friday, May 13, 2011

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 2011

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

Please join us Wednesday

May 11th at 9:30pm
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.oconner@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 13th 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 Wes Eckenfelder Memorial Breakfast
at the
NJWEA's 96th Annual Conference

Date: Tuesday, May 10, 2011
Start: 7:00 am – 8:15 am
Place: Bally's Atlantic City at The Reserve (6th Floor Bally's)
Cost: $19.00/person (see page 3 for onsite registration)
Includes Juice, coffee/tea, eggs, rolls and fruit

Topic: "Water Management in Marcellus Shale Gas Exploration and Production"

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

Speaker: William Muszynski P.E., Delaware River Basin Commission
(To register check the box on Page 3 of this flyer under Special Events Tickets)

The 26th Annual Prayer Breakfast

Date: Wednesday, May 11, 2011
Start: 7:15 am – 8:30 am
Place: Bally's Atlantic City at The Reserve (6th Floor Bally's)
Cost: $19.00 /person
Includes Juice, coffee/tea, eggs, rolls and fruit

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

Theme: Baseball and the Power of Prayer

Speaker: Bob Adamski

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: _____ $19.00 X ____ = $_____

Name: _____ $19.00 X ____ = $_____

Total $ _____

Address: _____

City: _____ State: Zip:_____

CC#: _____ Exp. Date:_____ Circle One: VISA MASTER CARD
Phone No. (____) _____

96th
Annual
Conference

AT
BALLY's
ATLANTIC CITY
May 9 - MAY 13, 2011

96th Annual Conference

and Exhibition