

**93rd
Annual
Conference**

**AT THE
TROPICANA
CASINO AND RESORT
APRIL 28 - MAY 2, 2008**



NJWEA

93rd 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 April 19, 2008 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 1, 2008, 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 Luncheon 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 Luncheon Ticket for Tuesday or Wednesday registrants
 - Exhibit Area Raffle Drawings for the Registration Day
- Full Conference Spouses Social Program
 - Admittance to Exhibit Area on Tuesday, Wednesday and Thursday
 - Includes one Meet and Greet, one Grand Finale and one Closing Breakfast Ticket
 - All Spouse Events as listed in the accompanying brochure
 - Spouse Gift
 - Exhibit Area Raffle Drawings and Social Functions Each Day
- One Day Spouse Registration – Wednesday or Thursday
 - Admittance to the Exhibit Area on the Registration Day
 - All Spouse Events as listed in the accompanying brochure
 - Spouse Gift
 - Exhibit Area Raffle Drawings and Social Functions for the Registration Day

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 17, 2008 or received at the NJWEA office after the close of business on April 19, 2008 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 5% handling charge for cancellations made prior to April 19, 2008.
- 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 4th Floor, North Tower, Tropicana Resort and Hotel, Atlantic City. 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	Monday	9:00 AM	4:00 PM	Drivers Safety Program	_____
PC-2	Monday	9:00 AM	4:15 PM	GIS	_____
PC-3	Mon. & Tue.	9:00 AM	4:30 PM	Asset Management	_____
PC-4	Tuesday	8:45 AM	3:30 PM	UST Certification	_____
PC-5	Wednesday	8:30 AM	4:30 PM	8-Hour HAZWOPER Refresher	_____

Conference Sessions:

- Session Attendance is included in Full Conference or One Day Conference Registrations.
- All 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	8:30 AM	1:30 PM	Laboratory Workshop (JDOW)	_____
2	Tuesday	8:30 AM	1:30 PM	Wastewater Operators Workshop (JDOW)	_____
3	Tuesday	8:30 AM	1:30 PM	Sustain. Development & Clean Energy (NYPE)	_____
4	Tuesday	1:30 PM	4:00 PM	Instructor’s Workshop	_____
5	Tuesday	2:30 PM	4:30 PM	Energy Efficiency and Alternate Sources (NYPE)	_____
6	Tuesday	2:30 PM	4:30 PM	Innovative Technology (NYPE)	_____
7	Wednesday	8:30 AM	4:00 PM	Student Session	_____
8	Wednesday	8:30 AM	4:15 PM	Professional Engineers Program (NYPE)	_____
9	Wednesday	8:30 AM	1:15 PM	Maintenance Workshop (JDOW)	_____
10	Wednesday	8:15 AM	1:15 PM	Collection Managers Workshop (JDOW)	_____
11	Wednesday	9:00 AM	12:00 PM	MABA - Biosolids Program	_____
12	Wednesday	9:00 AM	9:45 AM	Association Updates	_____
13	Wednesday	9:45 AM	10:45 AM	Regulatory Interface	_____
14	Wednesday	11:00 AM	4:00 PM	Industrial Environmental Management	_____
15	Wednesday	11:00 AM	4:00 PM	Wastewater Session 1 (NYPE)	_____
16	Wednesday	1:30 PM	4:00 PM	Wastewater Management Planning	_____
17	Wednesday	1:00 PM	4:00 PM	Incident Command System – ICS 300	_____
18	Thursday	8:15AM	12:45 PM	Industrial Operators Workshop (JDOW)	_____
19	Thursday	8:00AM	12:45 PM	Collection Operators Workshop (JDOW)	_____
20	Thursday	8:00AM	12:45 PM	Safety Workshop (JDOW)	_____
21	Thursday	8:45AM	12:30 PM	Water Reuse	_____
22	Thursday	8:45AM	12:30 PM	Nitrogen and Phosphorus Removal Part I	_____
23	Thursday	2:00 PM	4:00 PM	Nitrogen and Phosphorus Removal Part II	_____
24	Thursday	2:00 PM	4:00 PM	Microconstituents in Wastewater	_____

REGISTRATION FORM – PART TWO

NJWEA ANNUAL CONFERENCE, April 28 - May 2, 2008

Complete both parts of registration form in full and mail by April 18, 2008. Mailings postmarked after April 18 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)	
• Driver Safety	\$112.00	\$224.00	\$162.00	\$274.00	
• GIS Asset Management	\$112.00	\$224.00	\$162.00	\$274.00	
• WEF Asset Management Program	\$275.00	\$385.00	\$315.00	\$425.00	
• UST Certification	\$175.00	\$279.00	\$210.00	\$299.00	
• Hazardous Waste Seminar, 8-Hr OSHA	\$ 66.00	\$148.00	\$116.00	\$198.00	
• PWO Membership Discount <u>If Eligible</u>		-\$30.00		-\$30.00	
<u>Pre-Conference Registration Sub-Totals</u>	_____	_____	_____	_____	= _____
	A	B	C	D	= A+B+C+D

<u>CONFERENCE REGISTRATION</u>	<u>Pre-Registration</u>		<u>On-Site Registration</u>		<u>TOTAL</u>
	Member	Non Member	Member	Non Member	
		Or Renewal (ACTIVE)		Or Renewal (ACTIVE)	
• Full Registration	\$299.00	\$411.00	\$349.00	\$461.00	
• One Day Registration – Tuesday Only	\$ 59.00	\$171.00	\$109.00	\$221.00	
• One Day Registration – Wednesday Only	\$ 59.00	\$171.00	\$109.00	\$221.00	
• One Day Registration – Thursday Only	\$ 59.00	\$171.00	\$109.00	\$221.00	
• PWO Membership Discount <u>If Eligible</u>		-\$38.00		-\$30.00	
<u>Conference Registration Sub-Totals</u>	_____	_____	_____	_____	= _____
	A	B	C	D	= A+B+C+D

<u>SPOUSE REGISTRATION</u>	<u>Pre-Registration</u>	<u>On-Site Registration</u>
• Full Conference Spouses Social Program	\$155.00	\$175.00
• One Day Spouses Program - Wednesday	\$ 45.00	\$ 50.00
• One Day Spouses Program - Thursday	\$ 45.00	\$ 50.00
<u>Spouse Sub-Total Amount Due</u>	_____	_____

<u>SPECIAL EVENTS TICKETS ONLY</u>	Number	Pre-Reg. Cost		Onsite Cost	Extended Amount
Tuesday Meet & Greet	<u> </u> x	\$ 65.00	or	\$ 70.00 =	_____
Thursday Presidents Awards Luncheon	<u> </u> x	\$ 40.00	or	\$ 45.00 =	_____
Thursday Grand Finale Reception	<u> </u> x	\$ 60.00	or	\$ 70.00 =	_____
Friday Closing Session/Breakfast	<u> </u> x	\$ 17.00	or	\$ 18.00 =	_____
<u>Special Events Sub-Total Amount</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

Lost Badge Fee \$109.00

FOR ROOM RESERVATIONS PLEASE USE HOTEL ACCOMMODATION FORM ONLY.

REGISTRATION FORM

NJ Tax ID # 22-184-162

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

Billing Address _____ City _____ State _____ Zip _____

Employer _____ E-Mail: _____

Last 4 Digits of SSN. (For TCHs) XXX-XX-_____ ELIGIBLE FOR PWO MEMBERSHIP: Yes _____ No _____

Badge to Read (Nick Name) _____ 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 _____

CANCELLATIONS

Cancellations must be in writing. No phone calls will be accepted. A 25% charge for cancellations made prior to 04/19/08. Absolutely no refunds will be made after that date.

FOR EXHIBIT OR MEMBERSHIP INFORMATION

JACK LAGROSA, Conference Manager

201-296-0021

MEET & GREET

Don't miss the Association's MEET & GREET PARTY at the Tropicana's Ballroom on Tuesday night, April 29, 2008. It's always a great way to see your old friends and meet new ones. Our "Caribbean Night" theme will be complimented by the Tropicana'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

Don't forget this year's Grand Finale on Thursday evening, May 1, 2008. For your dancing and listening pleasure, the Conference Committee is pleased to announce that its entertainment choice for 2008 is live entertainment by:

The Tercels

Doo Wop, Nostalgia from the 50s to the Present Day

Make your reservations early for another smash Grand Finale. For the party you wish would never end, join us at the 2008 Grand Finale. Look in the next SCAN newsletter for more information.

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
Site Remediation
Operations Challenge
Program
Publications
Public Education
Safety
Scholarships Awards
Water for People
Young Professionals

CHAIRPERSON

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

CONFERENCE ACTIVITIES INCLUDE

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

TUESDAY, April 29

- Coffee Breaks/TV Raffle in Exhibit Areas
- Lunch in Exhibit Areas
- Afternoon Wine & Cheese Party in Exhibit Areas

WEDNESDAY, April 30

- Coffee Breaks/TV Raffle in Exhibit Areas
- Lunch in Exhibit Areas
- Beef & Brew & Turkey Stations in Exhibit Areas
- Prayer Breakfast (call Peter Nese 973-316-0154 x4505 or 732-887-1156)

THURSDAY, May 1

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

FRIDAY, May 2

- Breakfast Buffet - TV Raffle

**The 31st Annual NJWEA
"Water for People Golf Outing"**

Date: Tuesday April 29, 2008
Place: Mays Landing Golf Club
Tee Off: 9:00 am Shotgun Start-Scramble Format
Carts Mandatory & Included in Fee
Fee: \$99.00 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, 2008

For Room Reservations – 1-800-THE TROP – 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: _____ \$99.00 X ____ = \$ _____

Address: _____

Phone No. (____) _____

I will attend the Tropicana Breakfast _____

I would like to sponsor a _____ \$ _____

Names in your foursome: _____ Total \$ _____

The Jeanne Decker Sludge Shovelers Breakfast

Sludge Shovelers 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. _____
\$17.00

Golden Manhole Society Lunch - Wednesday at 12:00 noon _____
\$23.00

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**

CANCELLATIONS

Cancellations must be in writing.
No phone calls will be accepted.
A 25% charge for cancellations made prior to 04/19/08.
Absolutely no refunds will be made after that date.

Spouse's Program

*Welcome Back and Enjoy the Activities
Don't Miss the Program. We always have a good time.*

**April 29, 2008 Thru
May 1, 2008**

Tuesday, April 29, 2008
Informal get together to see what's
happening
NJWEA-Hospitality Room
1:00 PM-3:00 PM
Don't forget NJWEA Meet & Greet
Tuesday Evening

Wednesday, April 30, 2008
Continental Breakfast
Top of the Trop
8:00 AM-9:30 AM

Also Wednesday, April 30, 2008
Relax and enjoy a day trip
10:00 AM-4:30 PM

Thursday, May 1, 2008
Luncheon
Tropicana Hotel
12:00 PM-2:00 PM
Don't forget the Gala on
Thursday Evening

HOTEL REGISTRATION FORM

TROPICANA

CASINO AND RESORT

New Jersey Water Environment Association

DATES: April 28 – May 2, 2008
RATES: Single / Double Occupancy \$88.00
\$15.00 Extra per person (third...)
14% Tax
\$5.00 Occupancy Fee

Cut-Off Date: April 12, 2008

Name _____

Company/Organization _____

Address _____

City _____ State _____ Zip _____

Business Phone (_____) _____

Arrival _____ Departure _____
Day / Date Day / Date

Please reserve accommodations as noted below:

Of Rooms: Single _____ Double _____

Tropicana Reservations, P.O. Box 59, Atlantic City, NJ,
08404-0059

Or Call 1-800-the-trop and state you are with NJWEA to
get the group rates.

Reservation request received after the cut-off date will
be accepted on a space availability basis and subject to
Published hotel rates.

A deposit equal to one night's room and tax is required
to guarantee any reservation. Please send check or
money order payable to Tropicana or guarantee your
Reservation with any of the following credit cards:

Am Ex _____ Visa _____ MC _____?

Credit Card # _____

Expiration Date _____

Signature _____

Are you a Diamond Club Member? _____

Diamond Club Card # _____

Send me a Diamond Club Application Y _____ N _____

On- Site REGISTRATION HOURS

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

EXHIBIT HOURS

TUES. 10:00 AM – 5:30 PM
 WED. 10:00 AM – 5:30 PM
 THUR. 8:00 AM – 12:00 NOON

REGISTRATION COORDINATOR

DARLENE GALBRAITH
 OFFICE: (973) 239-9200 X 802
 FAX: (973)239-9239

NJWEA OFFICERS

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

COLLECTION COMMITTEE

James Paluch, Chair

PROGRAM COMMITTEE

Robert A. Pennington, PE, BCEE Chair
 James C. DeLaura, PE, Vice Chair

INDUSTRIAL COMMITTEE

Russell Johnson, P.E. Chair

SITE REMEDIATION COMMITTEE

Joe Fallon, Chair

CONFERENCE MANAGER

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

LABORATORY COMMITTEE

Donna Lyons, Chair

CONFERENCE CO-MANAGER

Blake Maloney

MONDAY APRIL 28, 2008

**GIS Workshop – Can't We All "G.I.S."
 Get Along ? (Communication and
 Partnership)**

(9:00 a.m. to 4:15 p.m.) (TCH Hours : 5.5 W & WW)
 NJDEP Course No. 03-02 08 01 3-0
 CPWM No. NJWEA-DLGS-385 Tech. 5.5 Hrs.

Moderators:

James J. Paluch, Assistant Superintendent/Collection System
 Operations, JMEUC
 Stephen R. Blankenship, P.E., Executive Director, Hamilton
 Township MUA

- 9:00 a.m. "Development, Coordination and Partnership",
Andrew T. Rowan, Director, New Jersey Office of
GIS
- 9:45 a.m. "Private Sector Cooperation / GIS Applications",
Wansoo Im, Ph.D., VERTICES, LLC
- 10:30 a.m. BREAK
- 11:00 a.m. "Relevant Applications / Utility Asset
Management", Chris Peluso & Rami Raad, CH2M
Hill
- 12:00 p.m. Lunch
- 1:00 p.m. "Assistance and Utilization", Janel A. Bisacquino,
Director, GIS Center at Stony Brook
- 1:45 p.m. "A Multi-Participant Enterprise GIS Program",
Robert S. Berardo, Managing Member, RSB
Spatial Associates, LLC
- 2:30 p.m. BREAK
- 2:45 p.m. "Creation, Maintenance and Dissemination", Dom
Elefante, GIS Manager, The NJ Meadowlands
Commission GIS Group
- 3:30 p.m. "Peer-to-Peer Monitoring and Outreach", John
Pavek, Southern Jersey Regional GIS User Group
- 4:15 p.m. CERTIFICATE DISTRIBUTION

**Asset Management for Water and
 Wastewater Utilities**

(9:00 a.m. to 4:30 p.m. Monday and Tuesday)
 6 TCH Hours per day W&WW
 NJDEP Course No. 03-02 08 02 3-0
 CPWM No. NJWEA-DLGS-386 Tech. 6 Hrs.

- 9:00 a.m. Introductions, Review of Workshop Agenda and
Objectives, Paul Causey & Mike Sweeney

- 9:30 a.m. Video Review and Discussion
- 10:00 a.m. "Principles and Key Elements of Effective Asset
Management", Paul Causey
- 10:30 a.m. Break
- 10:45 a.m. "Principles and Key Elements of Effective Asset
Management", Continued
- 11:15 a.m. "Australian Approach and Experience", Mike
Sweeney, EMA
- 12:00 p.m. Lunch
- 1:00 p.m. "Australian Approach Continued Lead in to
Exercise", Mike Sweeney
- 1:30 p.m. "Systems Readiness Break Out Exercise and
Report Out", Mike Sweeney
- 2:15 p.m. Case Study – New York City, New York
- 3:00 p.m. Break
- 3:15 p.m. "Performance Measurement and Reporting"
- 4:15 p.m. Open Discussion, Summary & Day 2 Agenda
Review, Paul Causey

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

Defensive Driving Classroom Instruction for Insurance Discount
 and/or 2 point reduction on your DMV Driving Record
 Safe Driving Techniques, Collision Prevention
 Course & Instructors Certified by N.J./National
 Safety Council

This is a 6 hour classroom course. Completion entitles you to
 remove 2 points from your N. J. DMV driving record and to a
 minimum 5% reduction on your car insurance costs. N.J. DMV
 point reduction may only be applied for once every 6 years.
 This is NOT the mandatory DMV point reduction class for driver
 improvement.

Agenda: 6-Hour Course. Total timings for each session include
 breaks.

- 9:00 a.m. Session 1: Get Defensive About It
- 10:00 a.m. Session 2: Making Driving Choices
- 11:20 a.m. Session 3: What Conditions Drive You?
- 12:00 p.m. MID-PROGRAM BREAK
- 1:00 p.m. Session 3: Continued
- 1:40 p.m. Session 4: The Choice Is Yours
- 3:00 p.m. Session 5: What Are You Willing to Do?
- 4:00 p.m. End

TUESDAY APRIL 29, 2008

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
Kenneth Goldstein, P.E., Ransom Environmental

Topics Covered:

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

Asset Management for Water and Wastewater Utilities

Day 2

(9:00 a.m. to 4:30 p.m. Monday and Tuesday)
6 TCH Hours per day WW
NJDEP Course No. 03-02 08 03 2-0
CPWM No. NJWEA-DLGS-387 Tech.: 6 Hrs

- 9:00 a.m. Review of Workshop Day 1; Day 2 Agenda and Objectives, Paul Causey
- 9:15 a.m. "Integrated Technology Asset Solution Supports Asset Management", Mike Sweeney
- 9:45 a.m. Case Study – City of Wilmington, Delaware
- 10:30 a.m. Break
- 10:45 a.m. Case Study – City of Fairfax, Virginia
- 11:30 a.m. "Overview of Fundamentals of Developing Business Cases & Review of Exercise Materials", Mike Sweeney
- 12:00 noon Lunch
- 1:00 p.m. Continue Review of Exercise Materials, Mike Sweeney
- 1:15 p.m. Break Out Groups Review/Discuss/Answer Exercise Questions
- 1:45 p.m. Break Out Groups Report Out
- 2:15 p.m. Case Study – Utility
- 3:00 p.m. Break
- 3:15 p.m. "Summary of Recent Research on Asset Management Exercise – Readiness Checklist: Are You Prepared?", Paul Causey
- 3:45 p.m. Utility Participants' Discussion of Next Incremental Steps

4:15 p.m. Summary & Concluding Remarks, Paul Causey

Laboratory Workshop- Spring 2008

(8:30 a.m. to 1:30 p.m.) (TCH Hrs: 4 W&WW)
NJDEP No. 03-02 08 04 3-0
CPWM No. NJWEA-DLGS-388 Tech.: 4 Hrs.

Moderators:

Melissa Motyl, ECM, Inc.

Jean Manigold, RVSA

Asst. Moderator: Donna Lyons, D2L Associates, Inc.

- 8:30 a.m. Welcome and Opening Remarks
- 8:45 a.m. "Harnessing the Power of Data", Steve White, Allmax Software, Inc.
- 9:30 a.m. "NJ PT Program Update", Rachel Ellis, NJDEP – Office of Quality Assurance
- 10:15 a.m. BREAK
- 11:15 a.m. "Method Modifications for Wastewater Testing and Procedures for Approvals for Discharge Specific Testing (i.e. luminescent dissolved oxygen testing)", Debra Waller, NJDEP – Office of Quality Assurance
- 12:30 p.m. "Oil and Grease and Total Petroleum Hydrocarbons: How to Proceed Without Freon, Alternate Method Options for Laboratory Testing", Debra Waller, NJDEP – Office of Quality Assurance

Wastewater Treatment Operator's Workshop – Spring 2008

(8:30 a.m. to 1:30 p.m.) (TCH Hrs: 4 WW)
NJDEP No. 03-02 08 05 2-0
CPWM No. NJWEA-DLGS-389 Tech.: 4 Hrs.

Moderators:

Russell Franks, Treatment Plant Supervisor, Mount Laurel Municipal Utilities Authority
Chris Manak, Superintendent, Madison-Chatham Joint Meeting
Jeffrey Williams, Executive Director, Superintendent of Operations, Delran Sewerage Authority

- 8:30 a.m. "Where's the Grit? Grit Operations at Large Municipal Wastewater Plants", Lance Solerno, P.E., Malcom Pirnie
- 9:00 a.m. "Trihalomethane Removal using Ammonia Addition and Operational Changes", JoAnn Mondsini, Superintendent, Township of Berkeley Heights Water Pollution Control Plant
- 10:00 a.m. BREAK
- 11:00 a.m. "Mixing & Agitation: Pulsed Air Technology Increases Operating Efficiency & Reduces Maintenance Costs", John Voorhies,

Director of Sales & Service, Pulsair Systems, Inc.

- 11:45 a.m. "The Discharge Monitoring Report: Avoiding Pitfalls and Common Mistakes", Joseph Schwarz, Omni Environmental LLC
- 12:15 p.m. "MBR Technology (Membrane Bio-Reactors)", Jack Cangiano, Regional Sales Manager, Koch Membrane Systems
- 1:00 p.m. "Energy Savings and Power Conditioning", Michael J. Storch, POM Energy Concepts

Clean Energy and Sustainable Development

(8:30 a.m. to 1:30 p.m.) (TCH Hours: 4 W&WW)
NJDEP No. 03-02 08 06 3-0
CPWM No. NJWEA-DLGS-390 Tech.: 4 Hrs.
NY PE PDH 4 hours

Moderators:

- Kelly O'Connor, P.E., Senior Project Manager, CH2M HILL
Douglas S. Johnstone
- 8:30 a.m. "Local Solutions to Global Climate Change", Cynthia Hibbard, CDM
- 9:00 a.m. "The Utility Perspective on Sustainable Development", Andre W. Zinkevich, P.E., Vice President, American Water – Applied Water Management Group
- 9:30 a.m. "Case Studies of Wind Power", John Armstrong, P.E., Principal Project Manager, Hatch Mott McDonald, Ivor Shaw, MBA, Project Manager, Hatch Energy
- 10:00 a.m. "Energy Use Quantity and Quality Allocation and Steps to Improve Efficiency at Water Pollution Control Plants", Jacob Felix Pierre, Chief of Energy Section, Bureau of Wastewater Treatment Break
- 10:30 a.m.
- 11:30 a.m. "Cogeneration at OCUA North Plant Consistently Produces Electric and Heat Energy, Overcoming Siloxane Contamination of Digester Gas", Richard C. Kunze, Director of Technical Services, Ocean County Utilities Authority
- 12:00 p.m. "Operations Optimization Potential in Wastewater Applications", James W. Schultz, P.E., Project Manager, EMA Inc.
- 12:30 p.m. "Optimizing Pump Performance to Reduce Energy Consumption", Paul Bassett, P.E. Associate, Malcolm Pirnie Inc.
- 1:00 p.m. "Quantifying Sustainability – Carbon Footprinting of Alternative Membrane Treatment Processes for Advanced Water Treatment", Dimitrios Katehis, PhD., P.E., Regional Wastewater Technology Leader, CH2M HILL, Glen Daigger, PhD., P.E., Chief Technology Officer, CH2M HILL

Instructor's Workshop

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

Moderators:

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

Energy Efficiency and Alternate Sources

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

NJDEP No. 03-02 08 07 3-0

CPWM No. NJWEA-DLGS-391 Tech.: 2 Hrs.

NY PE PDH: 2 Hrs.

Moderators:

Douglas S. Johnstone

Kelly O'Connor, P.E., Project Manager, CH2M Hill

- 2:30 p.m. "Microturbine Cogen using Digester Biogas", Dennis W. Palmer, P.E., Executive Director/Chief Engineer, Landis Sewerage Authority
- 3:00 p.m. "Energy Procurement in a Deregulated Environment", Joseph L. Santo, Managing Member, Premier Energy Group, LLC
- 3:30 p.m. "Biogas-Creating Renewable Energy from an Untapped Source", Steven A. Gabrielle, P.E., C.E.M., Business Development Manager, PPL Renewable Energy
- 4:00 p.m. "Energy Management for Wastewater Treatment Plants", Thomas Brys, CEP, Senior Project Consultant, PMK Group

Innovative Technology Forum - 2008

(2:00 p.m. to 4:30 p.m.) (TCH Hrs: 2.5 WW)

NJDEP No. 03-02 08 08 2-0

CPWM No. NJWEA-DLGS-392 Tech.: 2.5 Hrs.

NY PE PDH: 2 Hrs.

Moderators:

Robert R. Bendlin, President, Bendlin Incorporated

Stephen Rozewski, Associate, Bendlin Incorporated

- 2:00 p.m. "Various Applications of Permanganate and the Feed Systems to Effectively Apply the "Purple" Chemical", Rick Wells, Regional Sales Manager, Carus Corporation
- 2:40 p.m. "Advances in Alternate Disinfection Technologies (UV and Ozone)", Pedro DaCruz, Sales Engineer, Degremont Technologies-Ozonía
- 3:20 p.m. "Accuracy and Cost Savings from Automatic Optimization of Dewatering", Eugene Uklonsky, Northeast Regional Sales Manager, Alfa Laval
- 4:00 p.m. "Optimization of Primary Treatment through Screenings and Grit Removal", Roger D. Hamill, Product Leader, Degremont Technologies

WEDNESDAY APRIL 30, 2008

Student Session

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

Moderators:

Peter F. Strom, Professor, Dept. Environmental Sciences, Cook College, Rutgers University, Diane Trainor, Associate Professor Chemistry Department, Middlesex County College

- 8:30 a.m. "Registration and Orientation": Coffee and Danish, Seaside Room, South Tower
- 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", Exhibit Area
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": Joe Bonaccorso, President, NJWEA
"WEF Program: Opportunities for Professional Service and Leadership", Adam Zabinski, President, Water Environment Federation
"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 - 2008

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

NJDEP No. 03-02 08 09 2-0

CPWM No. NJWEA-DLGS-393 Tech.: 6 Hrs.

NY PE PDH 6 hours

Moderators:

- Thomas A. Laustsen, P.E., BCEE, Principal Engineer, CDM
Manuel Ponte, P.E., Vice President, Arcadis
Michael Simone, Jr., P.E., P.P., Vice President, Crew Engineers
- 8:30 a.m. "Wastewater Chloramination for Control of THMs", Simone R. Christie, Project Engineer, CDM,
Howard Matteson, P.E., Project Manager, CDM,
Glen D. Petruski, Executive Director, Somerset Raritan Valley Sewerage Authority
- 9:30 a.m. "Activated Sludge Plants Should be Examined as Systems, Not as Individual Components", Dr. Albert Pincince, Senior Vice President, CDM
- 10:15 a.m. "Newtown Creek Demonstration Project Wet Weather Operating Strategies", John Fortin, Hazen and Sawyer

- 10:45 a.m. "CFD/Modeling Evaluation of Four alternatives for Secondary Clarifiers", Alan Houtz, Siemens Water Technologies
- 11:30 a.m. Lunch Break
- 1:00 p.m. "Meeting Low Effluent Nitrogen and Phosphorus by Enhanced Nutrient Removal Technologies", Kyriacos Pierides, Arcadis
- 1:45 p.m. "Characteristics of Heterotrophic and Autotrophic Organisms Responsible for Biological Nutrient Removal in Aerated Anoxic Processes", John E. Olson, P.E., Siemens Water Technologies
- 2:30 p.m. "Biosolids Drying With Indirectly Heated Paddle Dryer", James Loudon, Vice President - Wastewater Treatment Products, Komline Sanderson
- 3:15 p.m. "Financial Planning for Sustainable Infrastructure", Amy Santos, Senior Consultant, Red Oak Consulting a Division of Malcolm Pirnie

Maintenance Workshop – Spring 2008

(8:15 a.m. to 1:15 p.m.) (TCH Hrs: 4 W&WW)

NJDEP No. 03-02 08 10 3-0

CPWM No. NJWEA-DLGS-394 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
- 8:15 a.m. "The Basics of Bearing Maintenance", Patrick McCamitt, Senior Territory Manager, SKF USA Inc.
- 9:15 a.m. "Clarifier Maintenance (Chains, Sprockets, and Flights)", Ken Full, Sales Engineering Manager, Guardian Environmental Products
- 10:15 a.m. Break
- 11:15 a.m. "Web Hosted Scada Systems", John Buesgens Healy Ruff
- 11:45 a.m. "Positive Displacement Pumps", Tom Miller, GPM Pumps Inc.
- 12:30 p.m. "Pump Controls", John Corkery, Pumping Services Inc.

Collection Systems Manager's Workshop GREASE 3 - "The Fequel"

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

NJDEP No. 03-02 08 11 2-0

CPWM No. NJWEA-DLGS-395 Mgmt.: 4 Hrs.

Moderators:

- James J. Paluch, Assistant Superintendent / Collection System Operations, JMEUC
Michael A. Dimino, P.E., Executive Director, Western Monmouth UA

- 8:15 a.m. "Elements of a Proactive FOG Control Program", John Shaffer / Jim Kolk, Environmental Engineering & Contracting, Inc.
- 9:00 a.m. "Effective Grease Removal Systems", Gregory G. Aymong / Chas Tevis, Highland Tank / Lowe Engineering
- 9:30 a.m. "Hands-On Demonstration - Large Casino Grease Removal Devices", Chas Tevis, Highland Tank / Lowe Engineering
- 10:15 a.m. EXHIBIT AREA / BREAK
- 11:15 a.m. "The Plumbing Inspector's Outlook on Grease Control", Alex Tucciarone, Construction Code Official, Township of Old Bridge
- 11:45 a.m. "The Health Department's Perspective on Grease Control", Dave Richardson, Health Office, Township of Manalapan
- 12:15 p.m. "FOG Data Management ", Ben Peters, Regional Sales Manager, Linko Data Systems, Inc.
- 12:45 p.m. "The Impact of Divine Intervention on a Sewer Line's Capacity", James D. McGregor, Sewer Forensics and Training, LLC
- 1:15 p.m. CERTIFICATE DISTRIBUTION

Biosolids Session – Spring 2008

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

NJDEP No. 03-02 08 12 2-0

CPWM No. NJWEA-DLGS-396 Tech.: 3 Hrs.

Moderators:

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

Peter A. Nese, Vice President, CH2M HILL

- 9:00 a.m. "Making the Most of Energy Inherent in Wastewater Solids", Stanley Chilson, CET Engineering Services
- 9:30 a.m. "Current State of the Practice of Sludge Reduction Technologies", Dr. Julian Sandino, P.E., CH2M HILL
- 10:00 a.m. "Pathogen Indicator Regrowth and Reactivation in Biosolids Cake", Yinan Qi, Doctoral Candidate, University of Delaware
- 10:30 a.m. "BFP Produces Similar Performance to Centrifugation: Side-By-Side Results from Pilot Testing at OCUA's 3 WWTP's", Dr. Mohammad Abu-Orf, National Biosolids Technology Leader, M&E
- 11:00 a.m. "Update on the Regulatory Scene", Tim Douth, Chief, Pretreatment and Residuals, NJDEP
- 11:30 a.m. "Biosolids Research Initiatives", Alan Hais, Project Director, Water Environment Research Foundation
- 12:00 p.m. Mid-Atlantic Biosolids Association (MABA) Luncheon – For MABA Members and Guests (By Prior Separate Reservation)

- 1:30 p.m. MABA Board Meeting – Open to all interested parties

Association Updates

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

- 9:00 a.m. NJWEA Update
Joseph Bonaccorso, President, NJWEA
- 9:10 a.m. Federation Address
Adam Zabinski, President, Water Environment Federation
- 9:30 a.m. Student Scholarship Awards Program
Dr. Peter F. Strom, Professor, Rutgers University/Cook College

Regulatory Interface Session - 2008

A Discussion with NJDEP and USEPA

Administrators

Hot Topics related to Water Resources

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

NJDEP No. 03-02 08 13 3-0

CPWM No. NJWEA-DLGS-397 Gov.: 1 Hrs.

Moderators:

Thomas Amidon, Omni Environmental

Bryan Christiansen, Passaic Valley Sewerage Commissioners

Discussion Format

EPA Region 2 Water Management Division Director Walter Mugdan and NJDEP Commissioner Lisa Jackson 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, relating to relevant topics of interest including those shown below. **People who have questions for USEPA and NJDEP 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:

Lisa P. Jackson, Commissioner
New Jersey Department of Environmental Protection

Walter Mugdan, Director
Division of Environmental Planning and Protection
United States Environmental Protection Agency, Region II

NJDEP Water Division Directors as selected by Commissioner Jackson to address topics of concern

Example Topics of Interest:

1. NJPDES wastewater permit issues
 - a. Application of drinking water criteria at point of discharge (e.g., TDS, nitrate)
 - b. Metals from water supply (copper and zinc)
2. Passaic and Raritan TMDLs
3. PCB TMDL Status in the tidal Delaware River

Industrial Environmental Management Session – Spring 2008

(11:00 a.m. to 12:00 p.m. and 2:00 p.m. to 4:00 p.m.)
NJDEP No. 03-02 08 14 2-0 (TCH Hrs: 3 WW)
CPWM No. NJWEA-DLGS-398 Tech.: 2, Gov.: 1 Hrs.

Moderators:

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

Industrial Pretreatment Program Management

- 11:00 a.m. "IPP Management – EPA Update: Issues & Initiatives", Virginia Wong, Regional Pretreatment Coordinator, USEPA Region 2
- 11:30 a.m. "IPP Management – New Jersey: Issues & Initiatives", MaryJo Aiello, Bureau Chief, Bureau of Pretreatment & Residuals, NJDEP
- 12:00 p.m. Lunch Break

Industrial Wastewater Management

- 2:00 p.m. "Methods to Increase the Reliability of a Treatment System", Mike Shafer, Shafer Industrial Services
- 2:30 p.m. "TDS/Chlorides Treatability Studies at a Regional WWTP", Gary Grey, Associate, HydroQual Inc.
- 3:00 p.m. "Pharmaceutical Wastewater Treatability Studies", Joy McGrath, Sr. Proj. Mgr & Kristin Munoz, Proj. Engineer, HydroQual Inc.
- 3:30 p.m. "The Benefits of Having an Environmental Management System", Dr. Sunil P. Hangal, ECAM

WASTEWATER SESSION #1

(11:00 a.m. to 12:30 p.m. and 2:00 p.m. to 4:00 p.m.)
NJDEP No. 03-02 08 15 3-0 (TCH Hrs: 3.5 W&WW)
CPWM No. NJWEA-DLGS-399 Tech.: 3.5
NY PE PDH 3 hours

Moderators:

Sheldon Lipke, P.E. Supt. of Plant Operations,
Passaic Valley Sewerage Commissioners
Steve Dowhan, Joint Meeting Essex & Union Counties

11:00 a.m. "The Parabellum Theory of Project Management",
Glen Petrauski, Executive Director, SRVSA

- 11:30 a.m. "Identifying & Managing Construction Delay", Bill Manginelli- President, Trauner Consulting Services, Philadelphia, Pa.
- 12:00 noon. "Between a Rock and a Hard Place", Peter Kocsik- Hatch Mott McDonald- Millburn, NJ
Richard Fitamant, Executive Director, MCOA
- 12:30 p.m. Lunch Break
- 2:00 p.m. "Belt Filter Press & Centrifuge Testing", William Suchodolski, Ocean County Utilities, Bayville, NJ
- 2:30 p.m. "Non-destructive Testing of NYC Force Mains", Krish Ramalingam- Project Manager, Applied Research Program- NYCDEP
- 3:00 p.m. "Would You Like Sludge With Those Eggs?"
Aisha Niang & Fred Treffeisen, Malcolm Pirnie- White Plains, NY
- 3:30 p.m. "Secondary Clarifier Design & Operations", David Kinnear- Wastewater Technical Director, HDR- Charlotte, NC

Wastewater Management Planning – 2008

(1:30 p.m. to 4:00 p.m.)
NJDEP No. 03-02 08 16 2-0 (TCH Hrs: 2.5 WW)
CPWM No. NJWEA-DLGS-400 Mgmt.: 1 Gov.: 1.5 Hrs.

Moderators:

- William J. Muszynski, P.E., Water Resources Management Branch Manager, Delaware River Basin Commission
Jerry J. Notte, P.E., Vice President, Regional Manager, MWH Americas, Inc.,
- 1:30 p.m. "Water Quality Management – New Jersey Update", Larry Baier, Director of the Watershed Management Division, New Jersey Department of Environmental Protection
- 2:00 p.m. "A Water Quality Plan for PCBs in the Delaware Estuary", Thomas J. Fikslin, Ph.D., Modeling, Monitoring and Assessment Branch Manager, Delaware River Basin Commission
- 3:00 p.m. "Wastewater Management Planning- Lessons from the NJ Highlands", Daniel J. Van Abs, Ph.D., PP/AICP, Senior Director of Planning and Science at the New Jersey Highlands Council
- 3:30 p.m. "Wastewater Management Planning in Somerset County, Past-Present-Future", Justin D. Mahon, Jr., Senior Project Engineer, Malcolm Pirnie, Inc.

Incident Command System - ICS 300

(1:00 p.m. to 4:00 p.m.)
NJDEP No. 03-02 08 17 3-0 (TCH Hrs: 3 W& WW)
CPWM No. NJWEA-DLGS-401 Mgmt.: 3 Hrs.

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

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: Scott Hubbard, CHMM, ECM, Inc.
Tom Greci, ECM, Inc.

Instructors: Scott Hubbard, CHMM, ECM, Inc.

David Twigg, Verizon Wireless

Ellen R. Lovell, SIEMENS Hearing Instruments, Inc.

Melvin Turner, Field Environmental Instruments, Inc.

Morning Session:

Course/OSHA HAZWOPER Overview

"What's New with OSHA/HAZWOPER?"

Types of Hazards, Exposure Criteria Confined Space Entry

Spill Response and FE Usage

Working Lunch: "Personal Protective Equipment"

Afternoon Session:

DOT HazMat Shipping Overview

Air Monitoring Instrumentation

Respiratory Protection

HAZWOPER "Obstacle Course"

Heat/Cold Stress

Health & Safety Review/Quiz

Respirator Fit Testing

THURSDAY MAY 1, 2008

Industrial Operators Workshop - Overcoming Challenges of Industrial Wastewater Operations

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

NJDEP No. 03-02 08 18 2-0

CPWM No. NJWEA-DLGS-402 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. "Benefits and Applications of Using Maintenance Automation Software at Wastewater Plants", Ted Martland, Vice President, Mainsaver Software

9:15 a.m. "Monitoring, Communications and Data Collection", Sree Velicheti, P.E., President, EXP Inc.

9:45 a.m. **Exhibit Area Presentation - "Chlorine Chemistry for the Industrial Operator", Chuck Royer, Dave Heiner Associates**

10:45 a.m. "Overcoming the Perfect Storm- Lessons Learned on Staffing, Design, Production Unit Start-up, Training and Schedule for Successful Start-up of a Complex Industrial Wastewater Treatment and Water Reuse Facility", Stacey Fredenberg, Project Engineer, Malcolm Pirnie

11:15 a.m. "Field Sampling at industrial Sites", Bruce Manganiello, Operations Manager, ECM Inc.

11:45 a.m. "NJ Groundwater Sampling 101—for the Wastewater Operator", John Ifkovits, Senior Hydrogeologist, Malcolm Pirnie

12:15 p.m. "Groundwater Treatment Case Study- a 10 Year Journey", Kevin Pope, Blue Environmental & George Hollerbach, Principal, Quantum Management Group

Collection System Operators Workshop - This Collection System Has Been Rated ----?

(8:15 a.m. to 12:45 p.m.) (TCH Hrs: 4.0 W & WW)

NJDEP No. 03-02 08 19 2-0

CPWM No. NJWEA-DLGS-403 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. "Pipe Assessment / Manhole Assessment Certification Programs", Irvin Gemora, Executive Director, National Association of Sewer Service Companies

9:00 a.m. "Collection System Inspector Training & Certification", Gerry Muenchmeyer, President, Muenchmeyer Associates, Inc.

9:45 a.m. "Improper Hydraulic Cleaning Methods", Walter Jenness, Regional Sales Manager, Jet - Vac, Inc.

10:30 a.m. EXHIBIT AREA / BREAK

11:00 a.m. "Lessons Learned - Urban Sewer Pipeline Rehabilitation", Donald Conger, CH2M Hill

11:45 a.m. "Lessons Learned - Sanitary Sewer Force Main Rehabilitation", Mario Bonaccorso, Superintendent, Long Hill Township

12:15 p.m. "WEF CSC Private Property Virtual Library - Update", Bruce Cohen & James Paluch, WEF / NJWEA Collection Systems Committee

12:45 p.m. CERTIFICATE DISTRIBUTION

Water Reuse

(8:30 a.m. to 12:30 p.m.)

NJDEP No. 03-02 08 20 3-0 (TCH Hrs: 3.5 W&WW)

CPWM No. NJWEA-DLGS-404 Tech.: 3 Gov.: 0.5 Hrs.

Moderators:

Michael A. Dimino, P.E., Executive Director, Western
Monmouth Utilities Authority

Simone Christie, CDM

- 8:30 a.m. Welcome and Session Overview, Michael A. Dimino, P.E., Executive Director, WMUA
- 8:50 a.m. "New Jersey Reuse: Program Status and Regulatory Update", Joseph Corleto, NJDEP Reuse Task Force, Permit Coordination Program, NJ Department of Environmental Protection
- 9:20 a.m. "Water Reuse-The New York City Experience", Warren Liebold, Director, Technical Services/Conservation, Bureau of Customer Services, New York City Department of Environmental Protection
- 9:50 a.m. "Green Building, LEED and Water Reuse: The Future of Water Reuse in America", Edward Clerico, President, Alliance Environmental, LLC
- 10:20 a.m. Break
- 10:50 a.m. "Development of the First Non-Potable Municipal-Wide Irrigation System in New Jersey", George Rest, P.E., Senior Vice President, O'Brien & Gere Engineers, Inc.
- 11:35 a.m. "Water Quality Considerations for Implementation of Water Reuse", Joseph Jacangelo, Ph.D., National Technical Director, MWH Americas, Inc.
- 12:15 p.m. Discussion

Nitrogen and Phosphorus Removal

(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. 03-02 08 21 2-0 (TCH Hrs: 3 WW)

CPWM No. NJWEA-DLGS-405 Tech.: 3 Hrs

Part II: NJDEP No. 03-02 08 22 2-0 (TCH Hrs: 2 WW)

CPWM No. NJWEA-DLGS-406 Tech.: 2 Hrs

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. "Raritan TMDL – Phosphorus and Nitrogen Impacts", James F. Cosgrove, P.E., Principal, Omni Environmental LLC
- 9:20 a.m. "Biological Phosphorus Removal – Theory and Application in a Five Stage Bardenpho Process", Andrew J. Higgins, Ph.D., P.E., Chief Engineer, American Water – Applied Water Management Group
- 10:00 a.m. Break

- 10:45 a.m. "Chemical Phosphorus Removal at Plants Discharging to the Potomac River", Sudhir Murthy, Ph.D., Manager, Process Development, District of Columbia Water & Sewer Authority
- 11:15 a.m. "Lowering Phosphorus to <0.01 mg/L Cost Effectively", James Yates, Eastern Regional Sales Manager, Blue Water Technologies, Inc.
- 11:45 a.m. "A Case Study Evaluation of Biological vs. Chemical Phosphorus Removal", Jacob Rainwater, P.E., Sr. Project Engineer, Metcalf & Eddy, Inc.
- 12:30 p.m. Lunch Break
- 2:00 p.m. "Achieving Nitrogen Removal for Beneficial Reuse", Charles Norkis, P.E., Executive Director, Cape May County MUA
Co-Authors: Manley C. Solheim, Chief Engineer, CCMUA, Charles N. Hurst, Branch Manager, Metcalf & Eddy
- 2:30 p.m. "Integrated Fixed Film Activated Sludge Hits the 80 mgd Benchmark", Michael Wilson, P.E., Senior Technologist, CH2M Hill
- 3:00 p.m. "Recent Experiences with Biological Filters for Nitrogen Removal", Glenn Thesing, P.E., Process Manager, I. Kruger, Inc.
- 3:30 p.m. "Designing and Operating Innovative Technology in the Face of Adversity (Construction) at the City of Salisbury WWTP", William J. Meinert, P.E., Vice President, O'Brien & Gere Engineers, Inc.

Safety Workshop – Heavy Equipment

Safety

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

NJDEP No. 03-02 08 23 3-1

CPWM No. NJWEA-DLGS-407 Tech.: 4.5 Hrs.

Moderators: John M. Saville

Speaker: John M. Saville, Senior Loss Control Specialist, Commerce Risk Control Services

8:15 a.m.

1. General Duty
 2. Most common Injuries
 3. Contributing Causes of Injury
 4. Available Solutions
 5. Prevention
 6. Controls
 7. Work site Analysis
 8. Employee Involvement
 9. Employee Awareness Training
 10. Communication
 11. Equipment operator responsibilities
- 10:45 a.m.
12. Equipment Hazards (**In Exhibit Area**)
 13. Blind Spots (**In Exhibit Area**)
- 11:45 a.m.
14. Fall Hazards
 15. Rollover Hazards

16. Electrical Hazards
17. Kinds of Equipment
18. Boom Truck
19. Dump truck
20. Back Hoe
21. Aerial Lifts
22. Cranes & Hoists
23. Forklifts
24. Recent Fatality (Traffic)
25. Safe Work Practices
26. Maintenance
27. Pre operation requirements
28. Overloading

Microconstituents in Wastewater

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

NJDEP No. 03-02 08 24 2-0

CPWM No. NJWEA-DLGS-408 Tech.: 2 Hrs.

Moderators:

Michael A. Dimino, P.E., Executive Director, Western

Monmouth Utilities Authority

Kevin Aiello, Middlesex County Utilities Authority

- 2:00 p.m. Welcome and Session Overview, Michael A. Dimino, P.E., Executive Director, WMUA
- 2:10 p.m. "Microconstituents & Endocrine Disruptors-Why the Concern and How They Can Be Controlled", Joseph Cleary, HydroQual, Inc.
- 2:45 p.m. "Microconstituents: The Perspective of the Research Based Pharmaceutical Industry", Mary Buzby, PhD, Merck & Co., Inc.
- 3:20 p.m. "Treatment Technology Review: Micronutrient Removal", Mary Sadler, Arcadis
- 3:55 p.m. Discussion

Grand Finale Reception:

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

The Tercels

Doo Wop,

Nostalgia from the 50s to the Present Day

FRIDAY MAY 2, 2008

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,
 Joseph F. Bonaccorso,
 Francis Bonaccorso,
 Timothy D. Bradley, P.E.
 Bryan Christiansen
 Simone Christie
 Ron Conte
 James DeBlock,
 James DeLaura, P.E.
 Michael A. Dimino, P.E.
 Steve Dowhan
 Joe Fallon
 Robert C. Fischer
 Russell A. Franks
 Thomas Greci,
 Jerome A. Harris,
 Ken Hrasdzira
 Russell Johnson,
 Douglas S. Johnstone
 John J. Lagrosa,
 Thomas Laustsen, P.E.
 Sheldon S. Lipke, P.E.
 Donna Lyons
 Chris Manak
 William J. Muszynski,
 Pete Nese
 Jerry Notte, P.E.
 Kelly O'Connor, P.E.
 Jim Paluch
 Tom Patterson
 Henry Penley
 Manuel Ponte, P.E.
 Stephen Rozewski
 Lance Salerno
 John Saville
 Karl E. Schreiter,
 Michael Simone, P.E.
 Robert Sokolowski
 Kenneth S. Stoller,
 Peter F. Strom, Ph.D.
 William Toffey
 Jeff Williams
 Roman Wisniewski