NEW JERSEY WATER ENVIRONMENT ASSOCIATION PRESENTS

THE 2017 FALL TECHNOLOGY TRANSFER SEMINAR
SEPTEMBER 11, 12, 13, 14, 2017
AT THE
SHERATON EATONTOWN
6 INDUSTRIAL WAY, EATONTOWN, NJ 732-542-6607

Celebrating
102 years

NEW JERSEY WATER ENVIRONMENT ASSOCIATION OFFICERS
Thomas Grenci - President
Robert DeBlock - President Elect
John Reardon - Vice President
Robert Sokolowski - Treasurer
John J. Lagrosa - Executive Director
James De Block - Deputy Executive Director
Attention Professional Engineers

**New Jersey and New York Professional Engineers**

The New Jersey Water Environment Association (NJWEA) is an approved provider by the New Jersey State Board of Professional Engineers and Land Surveyors and the New York State Board for Engineering and Land Surveying for offering continuing professional competency credits (CPCC) for Professional Engineers that are licensed in those states. The NJWEA believes that several of the courses we offer will meet the respective Board’s requirements for CPCC because of the review process and administrative controls we have that each proposed course must go through before being offered to Professional Engineers. These courses include “NJPE” and/or “NYPE” in the course description. However, all issues that may arise on the acceptability of a course will be between the individual and the Board. The Professional Engineer should retain the program book and his/her certificates received after the completion of the technical sessions issued by the NJWEA. The NJWEA will continue to maintain records of the courses offered and the names of attendees satisfactorily completing the courses.

**SPRING OF 2018**

The Sheridan Hotel has recently changed ownership and is undergoing major upgrades and remodeling. As a result of this construction, the NJWEA 2018 Spring Technology Transfer Seminar will be held at their sister location:

The National Conference Center and The Windsor Ball Room at the Holiday Inn East Windsor, NJ.

The venue is located at 399 Monmouth Street, East Windsor, NJ 08520

NJWEA will send updates via Constant Contact Email to all members

Information is also available at

www.njwea.org

www.windsorballroom.com

www.nccmeetings.com

NJWEA and the our friends at the Sheridan and the National Conference Center/ Windsor Ballroom are already busy working together to ensure that we deliver another outstanding Technology Transfer Seminar in March 2018!!

See you there!
MONDAY, SEPTEMBER 11, 2017

GENERAL SESSION

8:15 am  Welcome & Opening Remarks
Fran Bonaccorso, Chairman, S&TT Committee
Tom Grenci, President, NJWEA

Monday, September 11, 2017
SESSION I – Supervisory Issues
Course #03-07 17 01 3-0 (5.0 TCH)  W&WW
CPWM Course NJWEA-DLGS-1003, 4 Hr. Mgmt., 1 Hr. Ethics
Moderators:  Frank Pestana, Executive Director – North Bergen MUA
             Jason Chase, Harper Haines Fluid Control, Milford, CT

8:30 am  Cyber Security Awareness Training
         Mark Pfeiffer, Assistant Director, Bloustein Local Government Research Center, Rutgers

9:30 am  Coffee Break (Included)

9:45 am  Ethics Considerations for Public Entity Employees
         Michael Witt, Esq., Partner, Chasan Lamparello Mallon & Cappuzzo, PC

10:45 am  Leadership Training: “6 Steps to a Winning Team”
          Tom Maier, ActionCoach Business Coaching

11:45 am  Lunch (included)

1:30 pm  Succession Planning: “Who will run your utility tomorrow?”
         Claire Baldwin, D.P.S., CPF, Senior Management Consultant, CDM Smith

2:30 pm  Building a resilient workforce for sustainability
         Claire Baldwin, D.P.S., CPF, Senior Management Consultant, CDM Smith

3:30 pm  Session Ends
Monday, September 11, 2017
SESSION II  Secondary Treatment – Design/Upgrades/Controls (AM Session)  
“Intelligent Wastewater Pumps” (PM Session)

Course #03-07 17 02 2-0  (5.0 TCH) WW  
CPWM Course NJWEA-DLGS-1005, 5 Hr.Tech

Moderator: Stephen Dowhan, Superintendent, JMEUC  
James Wancho, P.E., Vice President, PS&S

8:30 am  Secondary Treatment 101  
Craig Spencer, CDM Smith

9:00 am  Township of Parsippany-Troy Hills WWTP Upgrade  
Craig Spencer, CDM Smith

9:30 am  Sequencing Batch Reactors – Design & Operation  
David J. Silverman, P.E., Manager, PSI Process and Equipment

10:00 am  Coffee Break (included)

10:15 am  Advancements in Biological Nutrient Removal (BNR)  
David J. Silverman, P.E., Manager, PSI Process and Equipment

10:45 am  Ammonium –Based Aeration Control  
Robert Smith, P.E., Applications Engineer, YSI/Xylem Inc.

11:15 am  Aeration System Upgrades at the Joint Meeting of Essex & Union Counties Secondary Treatment Process  
Nolan Towers, P.E., CME Associates

11:45 am  Lunch (included)

1:30 pm  “Intelligent Wastewater Pumps – The Next Pump Industry Breakthrough”  
Session will include concurrent Hands-on and Classroom Presentations

Speakers to include:

1) Mark Deisher from Flygt - Xylem Inc.
2) John Corkery Pumping Services, Inc PSI
3) Denis Rehse Pumping Services, Inc PSI
4) Roger Parkhurst Pumping Services, Inc PSI
5) Marty Striefler Pumping Services, Inc. PSI

3:30 pm  Session Ends
Monday, September 11, 2017

SESSION III  Capital Improvements Planning and Delivery

Course #03-07 17 03 3-0 (5.0 TCH) W&WW  NYPE, NJPE & PAPE

CPWM Course NJWEA-DLGS-1005, 2.5 Hr.Tech, 2.5 Hr. Mgmt

Moderator: Jay Surti P.E., Director Engineering, Suez

Robert C. Fischer, Director, Bayshore Regional Sewerage Authority

8:30 am  Reducing Capital and Operating Costs with a Combined Blower Building Project at the Bayshore Regional Sewerage Authority

John Wojnas, P.E., Senior Principal Engineer, Hazen and Sawyer

9:15 am  Controlling Odors and Corrosion Using a BioAir Unit at the West Keansburg Pump Station

John Siczka, P.E., Senior Technologist, Ch2m; Josh Hutson, P.E. Principal Project Manager, Ch2m

10:00 am  Coffee Break (included)

10:15 am  Blower Improvements helps the Burbank Water Reclamation Plant (CA) realize operational efficiency and cost savings

Jay Surti, P.E., Director Engineering, Suez

11:00 am  An Innovative Approach to Capital Planning and Safety Improvement

Tom Burgess, CSP, CIH, T&M Associates

11:45 am  Lunch (included)

1:30 pm  The Importance of Utility Master Plans in the Township of Lakewood

Justin Flancbaum, Executive Director, Lakewood Township MUA; Christine Ballard, P.E., Vice President, T&M Associates

2:15 pm  Blending Grey and Green Infrastructure

Donal Barron, P.E., Program Manager, Jacobs

3:00 pm  Climate Ready Pump Stations

Michael Ruppel, Executive Director, South Monmouth RSA; Rina Dalal, EIT, Senior Staff Designer, T&M Associates

3:30 pm  Session Ends
Monday, September 11, 2017
SESSION IV - DPW/Municipal Workshop – Fall 2017
Course #03-07 17 04 3-0 (5.0 TCH W&WW)
CPWM Course NJWEA-DLGS – 1006   5 Hr. Tech
Moderators: Dan Carey, American Public Works Assn. of New Jersey
Adam Ezumov, Vice President Sales, Jet Vac Equipment
Carl Bowles, CPWM, CRP, Past President APWANJ

This session will highlight Hydro Excavation techniques. The benefits and detriments of Hydro Excavation and include an overview of equipment provided by Jet-Vac Equipment of Bloomingdale, New Jersey.

The session will also discuss the use of jetting and vacuuming equipment, and the techniques of its utilization for pump station, wet well, man hole cleaning, and maintenance. Some of this discussion will venture to explain alternative uses of equipment and modification of tools and apparatus to facilitate success in the diverse environment of the water and wastewater industry. This portion of the session will include an overview of equipment provided by Jet-Vac Equipment LLC of Rockaway, New Jersey.

The session will begin at 8:00 am and continue until a morning break as determined by the moderators.

There will be refreshments served during the morning break.

Lunch will be served at 11:45 am and the session will begin again at 1:30 pm. The day’s technical session will conclude at 3:30 pm.
MONDAY AFTERNOON SESSION, September 11, 2017
SESSION V – Valve Selection, Vacuum Priming Systems and Pre-Engineered Pump Stations

Course #03-07 17 05 3-0 NYPE (2.0 TCH W&WW) NYPE, NJPE & PAPE CPWM Course NJWEA-NJWEA-DLGS-1007 2 Hr. Tech

Moderators:
Michael Roy, P.E., Old Bridge MUA
Bryan Atieh, P.E., Hazen and Sawyer

4:30pm  Valve Selection For Wastewater Operations
Fred Haines, Pres. Harper Haines Fluid Control

5:15pm  Vacuum Priming System Basics – Sizing and Operation
Fred Haines, Pres. Harper Haines Fluid Control

6:00pm  Modular Factory Built, Pre-Engineered Pump Station Technologies
Fred Haines, Pres. Harper Haines Fluid Control

6:30 pm  Session Ends

Another Chance for PE
Credits On Monday Night!!
LOOK DOWN!!
TUESDAY, SEPTEMBER 12, 2017

GENERAL SESSION 8:15 am  Welcome & Opening Remarks
Fran Bonaccorso, Chairman, S&TT Committee
John Reardon, Vice-President, NJWEA

Tuesday, September 12, 2017
SESSION I  Industrial Waste Management — Fall 2017
Course: #03-07 17 06 2-0 (5.0 TCH) WW
CPWM Course: NJWEA-DLGS-1008, 5.0 Hr. Tech NJPE/ PAPE Credits Applied for
Moderator:  Scott Hubbard, CHM, Compliance Manager, ECM
Ellen Twigg, Senior EHS&S Manager, MEDTRONIC, Inc.

This Industrial Session, put together by ECM, Environmental Compliance Monitoring of Hillsborough, NJ will discuss a variety of technical topics but will have an industrial focus. The speakers and specific topics will be announced via Constant Contact and the NJWEA website. The topics will include compliance based, and regulatory hinged presentations by Industrial Wastewater, Remediation, Compliance, and Operational Professionals.

Tuesday, September 12, 2017
SESSION II - Wastewater Operations - Fall 2017
Course #03-07 17 07 2-0 (5.0 TCH WW)
CPWM Course NJWEA-DLGS-1009, 5 Hr. Tech
Moderator:  Joseph Polomene, PE, Associate, Sherwood Logan & Associates
Jason Chase, Harper Haines Fluid Control

8:30 am  Digester Basics
Robert T. Abbott, President, JDV Equipment Corporation

9:00 am  Pump Station Stand-by Pumping and Power in one Package
Stan Rockovich, Xylem Technologies

10:00 am  Coffee Break (included)

10:15 am  Low Pressure Sewer Systems
Jeff Riley, PCS Pump & Process

11:00 am  Blueprint Columbus Green Infrastructure Workforce Development
Training Program: Working Together, Working in Neighborhoods
Cynthia Jacobsen, Regional Client Service Manager, T&M Associates

11:45 am  Lunch (included)

1:30 pm  Valve Technology & Automation
Bill Richardson, President, Raritan Valve & Automation

2:30 pm  Know the Flow
Chuck Royer - Sr. Sales Representative, Dave Heiner Associates, Inc.

3:30 pm  Session Ends
Tuesday, September 12, 2017
SESSION III – UST Underground Storage Tank - Fall 2017
Course #03-01 11 06 3-0 (5.0 TCH W&WW)
CPWM Course NJWEA-DLGS-145a, 5 Hr. Tech
Moderator: Kenneth S. Stoller, P.E., B.C.E.E., Q.E.P. - Consultant
Instructor: Daniel Toder, PG, LSRP- Hatch Mott MacDonald

Presented by the Site Remediation Committee

Topics Covered:
Overview of UST Regulations
Overview of Certification Law
Permitting, Financial Responsibility
Tank System Upgrades
UST Closure
UST Remediation

Session Begins 8:30 a.m.
Coffee Break 9:30 a.m.
Lunch 11:45 am to 1:30 p.m.
Session Ends 3:30 p.m.

This Course is also approved by the Site Remediation Professional Licensing Board (Course No. 2012-004) for five (5) Regulatory LSRP Continuing Education Credits.
Stay Over With the NJWEA!!

The Sheraton Eatontown and the NJWEA are offering a discounted room rate with a COMPLIMENTARY meal coupon.

Sunday September 10, 2017 through Thursday September 14, 2017

$119.00 Traditional Guest Room will include Dinner for one at JR’s Restaurant & Lounge

(guests will receive dinner coupons upon check-in)

To make reservations to stay one, two, three or four nights with the NJWEA Call: 732-542-6500

Appetizer

Your choice of one

House Salad

Choice of Dressing

Or

Soup Du Jour

Entrée

Your Choice of one

Home Style Meatloaf

Mashed potatoes, vegetable and gravy

Chicken Parmesan

With linguine marinara

JR’s Burger

Choice of cheese and French Fries

Grilled Chicken Caesar Salad

Dessert

Apple Bread Pudding

Dinner includes a non-alcoholic beverage

Education and Fellowship all Wrapped into One!!
Tuesday, September 12, 2017

SESSION IV  Regulatory Updates

Course #03-07 17 08 2-0 (5.0 TCH) WW
CPWM Course NJWEA-DLGS-1010, 5.0 Hr. Gov
Moderator:  Chris Hoffman, PE, NJDEP
            Jim Wancho, PE, PS&S
8:30 am  Keeping Up with Day to Day Compliance
            Chris Gulics and Matthew Mee, PS&S
9:30 am  Coffee Break (included)
9:45 am  Latest Developments in the Pretreatment Program
            Nilesh Naik, NJDEP Division of Water Quality, Bureau of Pre-
            treatment and Residuals
10:15 am  Electronic Reporting of NJPDES Information: Where We Were, Where
            We Are, and Where We Are Going
            Jason Lonardo, NJDEP Division of Water Quality, Bureau
            of Pretreatment and Residuals, Office of Permit Management
11:00 am  Updates to the New Jersey Environmental Infrastructure Pro-
            gram
            Eugene Chebra, NJDEP Division of Water Quality
11:45 am  Lunch (included)
1:30 pm  New Jersey Stormwater Regulations Overview
            Tom Decker, PE, Jacobs
2:30 pm  The State of CSO Control
            Leisha Pica, PE, Jacobs
3:30 pm  Session Ends

TUESDAY AFTERNOON SESSION, September 12, 2017

SESSION V – Professional Engineering Ethics and Case Studies

Course #03-01 17 08 3-0 NYPE (2.0 TCH WWW) NYPE, NJPE & PAPE
CPWM Course NJWEA-DLGS-965 - 2 Hr. Ethics
CPS Credit PA/NY/NJ PE – 2 credit hours

Moderator: Michael Roy, P.E., Old Bridge MUA
Instructor: Rene E. Barnes, Esq., General Counsel PS&S
NJWEA

PACP/MACP/LACP Training and Certification!

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

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

Pay Jack Doheny Company Directly for this class and indicate attendance on the registration form to NJWEA.

For room reservations call 732-542-6500 and ask Denise for the NJWEA group rates

PACP Training and Certification:

Monday—Tuesday, September 11 –12, 2017 from 8:30am – 3:30pm
$840.00 per participant - 5 Wastewater TCH’s awarded per day
This is a Prerequisite to the MACP/LACP
Includes refreshments, lunch

PACP Training and Recertification: PACP is a prerequisite to MACP/LACP

Monday—Tuesday, September 11 –12, 2017 from 8:30am – 3:30pm
$490.00 per RECERTIFICATION participant - 5 Wastewater TCH’s awarded per day
Includes refreshments, lunch

MACP/LACP Training and Certification:

Wednesday—September 13, 2017 from 8:30am—3:30pm
$195.00 per participant - 5 Wastewater TCH’s awarded
WEDNESDAY, SEPTEMBER 13, 2017

GENERAL SESSION

8:15 am Welcome & Opening Remarks
Fran Bonaccorso, Chairman, S&TT Committee
Robert De Block, President Elect, NJWEA

SESSION I - Safety Workshop - Fall 2017

Course #03-07 17 09 3-1 (5.0 TCH Safety)
CPWM Course NJWEA-DLGS - 1011, 5Hr. Tech

Moderators: Harry E. Smith III, President, Certified Health and Safety LLC.
Rick Stafford, Safety Officer, JMEUC
Harry Ladisheff, Operator Bayshore Regional S.A.

Morning Session 8:30 am  Trenching and Shoring – Are we doing it right?

As you may know in today’s work place, way to many workers are getting injured or killed by cave ins or struck by digging equipment. We will cover the basics in understanding the soil types and their dynamics, protection systems, and the precautions we can take to go home every day. An average of one (1) worker is killed each day due to trench cave ins. Those who attend will gain and understanding and recognize the importance of following the OSHA 29 CFR 1926.45 to 453 Trenching and Shoring (Excavations) requirements and the importance of wearing proper Personal Protective Equipment (PPE). The proper and safe Work Zone set up, the ability to effectively identify and utilize barrier devises such as blockades, barrels, cones, equipment, and vehicles will be covered in discussion only as it pertains to the Trenching and Shoring operation.

Presenter/s: Harry E. Smith III, President, Certified Health and Safety LLC, NJWEA Safety Committee Staff and Special Demo from Exeter Supply Co. Inc.

8:30 am – Attendance and Introductions – Program Begins

9:45 am – Break

10:00 am – Program resumes

11:45 am Lunch (included)

Afternoon Session @ 1:30 pm: Spill Control and Containment

The proper selection, deployment, use, and disposal of chemical spill materials and/or equipment.

2:30 pm Spill Control and Containment- A hands-on review and Demo of the many types of Spill Kits, Pads, Socks, Speedy Dry

Presenter/s: Rick Stafford – Safety Officer, Joint Meeting and Essex and Harry E. Smith III, President, Certified Health and Safety LLC

3:30 pm Session End
Wednesday, September 13, 2017

SESSION II Collection System O&M — Fall 2017

Course #03-07 17 10 2-0 (5.0 TCH) WW

CPWM Course NJWEA-DLGS-1012, 5.0 Hr.Tech

Moderator: Louis C. Lambe, Passaic Valley Sewerage Commission
Joseph Polomene, P.E., Sherwood Logan & Associates

8:30 am Introduction To Program and Committee Update
Louis C. Lambe, PVSC

8:45 am Low Cost of Ownership for your CCTV Crawler
Bruce Kosensky, Regional Sales Manager, Envirosight

9:15 am Sewage Transfer System over Hilly Terrain; Lessons Learned
Sami Sarrouh, P.E., T&M Associates

10:00 am Coffee Break (included)

10:15 am Rehab of Wastewater Pump Stations After Superstorm Sandy
L. Ceren Aralp, PE, ENV-SP, Mott MacDonald

11:00 am Good Odor Treatment, Good Neighbors – Testing the Latest WW Pumping Stations’ Technologies, Bill Meinert, PE, OBG

11:45 am Lunch (included)

1:30 pm I&I Best Practices and Case Study
Peter Frick, ADS Environmental Services

2:15 pm Data Handling/Evaluation
Greg Sanford, JACOBS

2:55 pm Find & Fix Delivery Approaches
Tom Porzio, JACOBS

3:30 pm Session Ends
Wednesday, September 13, 2017
SESSION III - NJWEA/AEA Management Seminar - Fall 2017
Course #03-07 17 11 3-0 (5.0 TCH W & WW)
CPWM Course NJWEA-DLGS – 1013  5Hr. Mgmt

Moderators:
  Brian J. Valentino, MPA, ICMA-CM, Executive Director, WMUA
  Peggy Gallos, Association of Environmental Authorities
  Richard Eustace, Bordentown Sewerage Authority

Intro to Environmental Professional Development Academy

Session begins 8:30 am

The AEA-NJWEA joint session will feature a scaled down version of the AEA Environmental Professional Development Academy (EPDA), a cohort-based management training program.

Attendees will be introduced to 4-track curriculum which focuses on administration, finance, human resources and operations.

Lunch begins 11:45 am

The following presenters are previous EPDA enrollees:

Brian J. Valentino, MPA, CEAS, ICMA-CM
  Executive Director, Western Monmouth Utilities Authority

Richard D. Buchy, CEAS
  Lines Maintenance Supervisor, Ocean County U.A.

Philip Russo, CEAS
  Engineering Services Division, Western Monmouth U.A.

Robert Snyder, CEAS
  Manager of Operations, Plainfield Area Regional S.A.

James B. Carr, CEAS
  Manager of Engineering Services, Western Monmouth U.A.

Anthony Dimino, CEAS
  Plant Operations Division, Western Monmouth U.A.

Session ends 3:30 pm
Wednesday, September 13, 2017

SESSION IV – Professional Engineer Continuing Ed. Training (Day Session) — Fall 2017
Design/Build, Mixing Fundamentals, Solids Capture, Sludge Thermal Hydrolysis and Activated Sludge Modeling.

Course #03-07 17 12 2-0 NYPE (5.0 TCH WW) NYPE, NJPE & PAPE
CPWM Course NJWEA-DLGS-1014  5.0 Hr. Tech

Moderators:
  Michael Roy, P.E., Old Bridge MUA
  Kenneth S. Stoller, P.E., B.C.E.E., Q.E.P. - Consultant
  Srinivas Gidugu, P.E., HAKS

8:30 am  Design/Build 101 For Consultants
  Joseph J. Corrado, P.E., BCEE, Vice President, CH2M

9:30 am  Coffee Break (included)

9:45 am  Mixing Fundamentals and Applications
  Zach Militello, LIGHTNIN Municipal Market Manager

10:45 am  Running Clean and Why – The “Solids Capture” Story
  Daniel Fronhofer, V.P., BDP Industries

11:45 am  Lunch (included)

1:30 pm  How Sludge Thermal Hydrolysis Will Lead to Net Zero Energy at WWTPs
  Kyriacos Pierides, PhD., P.E., Exec. V.P., Amay Assoc

2:30 pm  Overcoming Unique Challenges in Large CSO Outfall Rehabilitation
  Kevin Wynn, P.E., Associate, Mott MacDonald

3:30 pm  Session Ends

WEDNESDAY AFTERNOON SESSION, September 13, 2017
SESSION V – Professional Engineer Continuing Ed. Training (Eve Session)— Fall 2017
Pipe Rehabilitation, Maintaining Pumping During Superstorm Sandy

Course #03-07 17 13 2-0 NYPE (2.0 TCH WW) NYPE, NJPE & PAPE
CPWM Course NJWEA-NJWEA-DLGS-1015  2 Hr. Tech

Moderators:
  Michael Roy, P.E., Old Bridge MUA
  Srinivas Gidugu, P.E., HAKS

4:30 pm  Increase Operational Efficiency With Pipe Rehabilitation
  Michael McAloon, P.E., Suburban Consulting

5:30 pm  Maintaining Pumping Capacity Before, During and After Superstorm Sandy
  Michael Samuel, P.E., President, R3M Engineering
  Michael Ramos, Chief Engineer, Xylem
THURSDAY, SEPTEMBER 14, 2017

GENERAL SESSION
8:15 am  Welcome & Opening Remarks
Fran Bonaccorso, Chairman, S&TT Committee
Robert Sokolowski, Treasurer, NJWEA

Thursday, September 15, 2017
SESSION I  Utility Administration— Fall 2017
Course #03-07 17 14 3-0 (5.0 TCH)  W&WW
CPWM Course NJWEA-DLGS-1015, 5.0 Hr. Mgmt
Moderator:  Tom Grenci, President, NJWEA
            Robert De Block, President Elect, NJWEA
            John Reardon, Vice President, NJWEA
            Robert Sokolowski - Treasurer, NJWEA

This session, moderated by the NJWEA Officers, will seek to delve into
topics that currently challenge Administrators in the Water and
Wastewater Industry. The moderators and discussion leaders will present
talking points based on facts, events, issues and specific challenges.
Sensitive or protected information will not be disclosed. The session will
allow for discussion and opportunities for attendees to share what they
have done or what they would have done if they were in the presenter’s or
someone else’s shoes.

The session will begin at 8:30 am and have a coffee/refreshment break as
directed by the moderators.

The morning session will conclude at 11:45 am at which time a lunch
break will commence.

The afternoon session will commence at 1:30 pm and conclude at 3:30
pm.
Thursday, September 14, 2017

SESSION II – Laboratory Workshop - Fall 2017

Course #03-07 17 15 2-0 (5 TCH WW)
CPWM Course NJWEA-DLGS – 1017, 3 Hr. Tech, 2 Hr. Govt

Moderators: Chris Nally, President, American Aquatic Testing, Inc.
Jennifer P. Marques, Laboratory Manager, PVSC

8:30 am  Office of Quality Assurance updates
Deborah Waller, Office of Quality Assurance, NJDEP

10:15 am  Coffee Break (included)

10:30 am  Importance of TOC Measurement in Wastewater
Cassandra Rosina, Regional Sales Manager, HACH

11:15 am  Wet Weather and Bioassays
Jennifer Louden, Laboratory Supervisor, Raritan Twp MUA

11:45 am  Lunch (included)

1:30 pm  Biological and Chemical Analysis of the RBC’s at the CMCMUA Wastewater Treatment Facilities
Emily Zidanic, Wastewater Program Engineer, Cape May County MUA

2:30 pm  Using the Microscope to Evaluate Activated Sludge Health and Activity
Danielle Sharp, CET Inc.

3:30 pm  Session Ends
Thursday September 14, 2017

SESSION III Maintenance Workshop — Fall 2017

Course #03-07 17 16 3-0 (5.0 TCH) W&WW

CPWM Course NJWEA-DLGS-1018, 5.0 Hr.Tech

Moderator: Roman Wisniewski, Maintenance Manager, JMEUC
            John Gardner, Sales, Bendlin Inc.
            Chris Garaffa, Sales, PCS Pump and Process

8:30 am  Lightning Protection Systems
          Francis Goger, President
          Baker Lightning Rod company

9:15 am  Generator Maintenance and Testing
          Brent Kephart, Vice President/General Manager
          P3 Generator Services

10:00 am Coffee Break (included)

10:15 am Facility Maintenance Coatings and Applications
          Michael Tynio, Water & Wastewater Representative
          The Sherwin Williams Company

11:00 am Increasing Equipment Life
          R.J. Francois, Technical Advisor
          Interflon USA

11:45 am Lunch (included)

1:30 pm  Odor Control Solutions
          Dan L. Falkman, National Account Manager
          Syneco Systems Incorporated

2:10 pm  The Basics of Concrete
          CME Consulting and Municipal Engineers

2:50 pm  Heavy Equipment Maintenance
          Felix Adrian, Construction Service Tech. Communicator
          Foley Incorporated, Cat Equipment Dealer

3:30 pm  Session Ends
Thursday, September 14, 2017

SESSION IV Biosolids Workshop — Fall 2017

Course #03-07 17 17 2-0 NYPE (5.0 TCH) WW NYPE, NJPE & PAPE
CPWM Course NJWEA-DLGS-1019, 5.0 Hr.Tech

Moderator: Joshua Palombo, MBA, Cape May County Utilities Authority
Lisa Oberreiter, Passaic Valley Sewerage Commission

8:30 am  Co-Digestion of Organic Solid Waste at WWTPs—Pretreatment Options
Joerg Blischke, Senior Process Engineer, Black and Veatch

9:00 am  The Economic Benefits of 15 Years of Energy Optimization of Sludge Thickening Centrifuges
Jim Hanson, P.E., Product Specialist, GEA Westfalia Separator

9:30 am  Coffee Break (included)

9:45 am  Advanced Drying Technology—Achieving Class A for Less
Tid Griffin, CEO, Gryphon Environmental

10:15 am  Potential Benefits of Thermo Chemical Hydrolysis for Sludge Pre-treatment and Re-feed
Robert Sharp, PhD, Senior Consultant, Hazen and Sawyer

10:45 am  Digester Gas Utilization: CHP or RNG
Joseph Marino, PE, Greeley and Hansen

11:15 am  Philadelphia Water Department’s Renewable Bio-Fuels Facility Combines Biogas-to-Energy and Biosolids-to-Energy Utilizing a Public-Private Partnership
Elliot Pomeranz, Area Sales Director, Synagro

11:45 am  Lunch (included)

1:30 pm  Equipment Selection for Dry Chemical and Polymer Addition in Biosolids Applications
Joseph Krudys, Acri
don

2:00 pm  Composting of Aged Reed Bed Biosolids for Beneficial Reuse: a Case Study in New Jersey
Elizabeth Ravit, PhD, Rutgers University

2:30 pm  Innovations or Not in Biosolids Dewatering and Drying
Terry Goss, Biosolids Technology Leader, AECOM

3:00 pm  Augmented Aerobic Digestion: Learn How Sludge Gets Rid of Your Sludge
Bryen Woo, Product Manager, Ovivo

3:30 pm  Session Ends
MAIL TO: NJ Water Environment Association Registrar
PO BOX 737
Woodland Park, NJ 07424  Tel: (973) 239-9200 - Fax: (973) 239-9239

REGISTRANT NAME: ______________________________________

NEW MEMBER or MEMBERSHIP RENEWAL: YES____  NO _____

NOTE: THESE ARE PRE-REGISTRATION FEES  -   ON-SITE REGISTRANTS ADD $12.00

"REGISTRANT MUST CHECK ALL SESSIONS THEY PLAN TO ATTEND"

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<td>Supervisory Issues</td>
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<td>___II</td>
<td>Unit Process-Secondary</td>
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<td>___III</td>
<td>Capital Improvements</td>
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<td>DPW/ Municipal Work Shop</td>
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<td>___V</td>
<td>Professional Engineers</td>
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<td>___VI</td>
<td>PACP Cert./Recert Consult page 12</td>
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</tbody>
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<thead>
<tr>
<th>Wednesday, September 13, 2017</th>
<th>Thursday, September 14, 2017</th>
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<tbody>
<tr>
<td>Sess. #</td>
<td>Description</td>
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<tr>
<td>___I</td>
<td>Safety Workshop</td>
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<td>___II</td>
<td>Collection System O&amp;M</td>
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<td>___III</td>
<td>NJWEA/ AEA Seminar</td>
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<td>___IV</td>
<td>Professional Engineer</td>
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<td>___V</td>
<td>Evening of Engineering</td>
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<td>___VI</td>
<td>MACP/LACP Consult page 12</td>
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</tbody>
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IF YOU ARE NOT A CURRENT NJWEA MEMBER YOU MUST CIRCLE ONE
MEMBERSHIP CHOICE EXCEPT AEA

NEW OR RENEWAL PWO MEMBERSHIP: $107.00
NEW/RENEWAL PROFESSIONAL MEMBERSHIP: $172.00
YOUNG PROFESSIONAL RENEWAL: $57.00
Seminar and Technology Transfer Committee (alphabetical)

Chairpersons: Francis Bonaccorso Assistant Superintendent, Joint Meeting Essex & Union Co. and Joanne Mancuso Township of Parsippany-Troy Hills WWTP
Matthew Bodzioch Training Coordinator, Joint Meeting Essex & Union Co.
Joseph Bonaccorso Project Manager, CME Associates
Albert J. Capuzzi Mid-Atlantic Practice Leader, JACOBS
Dan Carey, Accurate Waste Services
Steve Dowhan Superintendent, Joint Meeting of Essex & Union Counties
James De Block President, DeBlock Environmental Services
Robert De Block Vice President, DeBlock Environmental Services
Rick Eustace Executive Director, Bordentown Sewerage Authority
Robert Fischer Executive Director, Bayshore Regional Sewerage Authority
Darlene Galbraith Registrar, NJWEA
John Gardner, Regional Sales Manager, Bendlin Inc.
Srinivas Gidugu Project Manager, HAKS
Chris Hoffman, P.E. Research Scientist I, NJDEP
Scott Hubbard CHM, Compliance Manager, ECM Inc.
Shawn Kaciupski Shift Supervisor, Joint Meeting Essex & Union Co.
Soulmaz Khojasteh Executive Director, Franklin Township SA
Richard Kunze Consultant
Harry Ladisheff Operator, Bayshore Regional Sewerage Authority
Jack Lagrosa Executive Director, New Jersey Water Environment Association
Louis Lambe Superintendent Line Operations, PVSC
Carrie-Anne Lyons Lyons Environmental
Donna Lyons Laboratory Supervisor, Lyons Environmental
Terry McHugh Owner, All’s Clear Services
Peter A. Nese Retired
Lisa Oberreiter Process Scientist, PVSC
Christopher Pabst Asst. Project Manager Joint Meeting Essex & Union Co.
Dennis Palmer Executive Director, Landis SA
Henry Penley Retired
Donna Peteja Laboratory Manager/IPP Coordinator Two Bridges Sewerage Authority
Frank Pestana Executive Director, North Bergen Municipal Utilities Authority
Joseph Polomene, P.E. Sherwood Logan & Associates
Glen Riscen, Asst. Operations Manager, Joint Meeting of Essex & Union Counties
Michael Roy P.E. Old Bridge Municipal Utilities Authority
John Schneekloth P.E. Mott MacDonald
Robert Sokolowski NJWEA Treasurer
Rick Stafford Safety Manager Joint Meeting Essex & Union Co.
Kenneth Stoller P.E., B.C.E.E., Q.E.P—Consultant
Jay Surti Senior Project Technologist CH2M
Bruce Smith NJWEA Comptroller
Harry Smith President, Certified Health and Safety
Charles Theodora Asst. Superintendent Bayshore Regional Sewerage Authority
Ellen Twigg, Senior EHS&S Manager, MEDTRONIC, Inc.
Ramon Vara Retired
James Wancho P.E. Vice President Paulus, Sokolowski & Sartor
Roman Wisniewski Maintenance Manager Joint Meeting of Essex and Union Counties
Antoni Wyczesany Electrical Forman Joint Meeting of Essex and Union Counties
Faxed Registrations Must Include Credit Card or Purchase Order Information To Receive Pre-Registration Rate

PRE-REG. BY MAIL MUST BE RECEIVED BY September 7, 2017
PRE-REGISTRATION BY FAX ENDS September 8, 2017
NO CANCELLATIONS ACCEPTED AFTER September 6, 2017
Non-member Registrations will receive either a ONE YEAR PROFESSIONAL OR PWO MEMBERSHIP OR RENEWAL in the NJWEA and WEF if eligible

PLEASE PRINT CLEARLY OR TYPE REG. DATE: ________________
Last Name: _________________________________________________
First Name: _________________________________________________ (as it appears on NJDEP License)
Middle Initial: _______ Social Security No: ___ / ___ /_________
Billing Address Is: HOME WORK (circle one)
Company Name: _____________________________________________
BILLING ADDRESS:___________________________________________
City _________________________________________________________
State: _______ Zip ________
Phone: (_______)__________________________________________
Facsimile: (_______)________________________________________
NJDEP Operator License No. ________________________________(one license only, include zeros)
Licensed Operator Classification (i.e. S1,T4, etc.) __________________

PAYMENT METHOD/Check/PO/Credit Card

Please make enclosed check or voucher payable to: "N J W E A"
PAYMENT AMOUNT DUE: (From Page One) _____________________
☐ Check Enclosed ☐ PO/Voucher
PO NUMBER: _______________________________________________
CREDIT CARD INFORMATION:
☐ VISA ☐ MasterCard
NAME AS IT APPEARS ON CC: _________________________________
Card No: _____________________________________________________________________
Expiration Date:________________________________________________________________
CVV2 # (Last 3-digits on the signature area of the card)________
Signature: _____________________________________________________________________
Approval # (For Office Use): _________________________________________________

SUBMIT BOTH PAGES FOR REGISTRATION PG 2 OF 2