

**NEW JERSEY WATER
ENVIRONMENT ASSOCIATION
PRESENTS**

**THE 2008 FALL TECHNOLOGY
TRANSFER SEMINAR
SEPT 29 - OCT 2, 2008**



**NEW JERSEY
WATER ENVIRONMENT ASSOCIATION
OFFICERS**

Blake Maloney.....President

Robert Sokolowski.....President-Elect

Robert C. Fischer.....Vice President

Rocco Maeillano.....Treasurer

John J. Lagrosa.....Executive Director



Featured Speaker

“2007 Stockholm Water Prize Laureate”

**Dr. Perry McCarty, Silas H. Palmer Professor
Emeritus, Stanford University**

*The New Jersey Water Environment Association is honored to have
Dr. Perry McCarty, Silas H. Palmer, Professor Emeritus, Stanford Univ.
Lecture at our Fall Seminar.*

Prof. McCarty has over 300 publications and is coauthor of the textbooks, *Chemistry for Environmental Engineering and Science* and *Environmental Biotechnology-Principles and Applications*. He is a member of the National Academies with membership since 1971 on three Councils, two Boards and 19 committees. He has an Honorary membership in the Water Environment Federation and the American Water Works Association and Fellow with the American Association for the Advancement of Science and the American Academy of Microbiology.

In March of last year, Professor McCarty was named the 2007 Stockholm Water Prize Laureate. In its citation, the Nominating Committee wrote:

“Professor Perry L. McCarty is awarded the 2007 Stockholm Water Prize for pioneering work in developing the scientific approach for the design and operation of water and wastewater systems. He has established the role of fundamental microbiology and chemistry in the design of bioreactors. Professor McCarty has defined the field of environmental biotechnology that is the basis for small-scale and large-scale pollution control and safe drinking water systems”

Professor Mc Carty will be speaking in our Wastewater O&M session Tuesday in a talk titled, *“Water Challenges Past, Present and Future”* starting at 2:15 pm. He will speak once more on Wednesday at 9 am in a talk titled *“Anaerobic treatment technologies for Municipal, Industrial and Agricultural Wastes”*.



*The best courses, at the best
location, for the best price.*

MONDAY, SEPTEMBER 29, 2008

GENERAL SESSION

8:15 am Welcome & Opening Remarks
Robert Fischer, Chairman, S&TT Committee
Thomas Riccardi, General Manager, Sheraton-Eatontown

Monday, September 29, 2008

SESSION I — “UST” Underground Storage Tank Re-Certification

Approved for Water & Wastewater TCH, Course # 03-09 03 07 3-0 (5.0 TCH)
CPWM Course NJWEA-DLGS-145a, 5 Hr. Tech.

Presented by the Site Remediation Committee

“Underground Storage Tank Refresher”

Starts 8:30 a.m. Ends 3:00 p.m.

This Seminar is approved by New Jersey Department of Environmental Protection as satisfying the requirements of P.L. 1991, Ch.12 for Re-Certification

For more information contact Jack Lagrosa at (201) 296-0021

Monday, September 29, 2008

SESSION II– ICS 100 and NIMS IS 700

Approved for Water and Wastewater TCHs

Course # 03-08 08 01 3-0 (5.0 TCH)

CPWM Course NJWEA-DLGS-415, 5 Hr. Mgmt

Moderator: Harry Smith III, Certified Health and Safety Services LLC

ICS 100 and NIMS IS700 Required Training

ICS 100 is the basic Incident Command System course and NIMS 700 is the national level basic course. The courses are required for government and municipal employees to be in compliance with the Governors Executive Order # 50, Oct 2004. All states were required to implement this by a Presidential Order is sued though the Department of Homeland Security, HSPD-5 not later than 12/2007.

Students will be required to go online to complete the test and download their FEMA certificate.

This Course begins at 8:30 and ends at 3:00 pm

Monday, September 29, 2008

SESSION III System-Wide Issues

Approved for Water and Wastewater TCHs

Course # 03-08 08 02 3-0 (5.0 TCH)

CPWM Course NJWEA-DLGS-415, 3 Hr. Mgmt, 2 Hr. Gov

Moderator: Stephen Dowhan, JMEUC

- 8:30 am *Homemade GIS, The Toms River MUA Story*
Thomas Horn, P.E., Executive Director Toms River MUA
Doug Terry, Manager of Operations, Toms River MUA
- 9:30 am *When Lightning Strikes!!! How to Conduct an IT system Vulnerability*
C.S. Morehouse, P.E., President, Morehouse Engineering Inc.
- 10:00 am Coffee Break
- 10:15 am *When Lightning Strikes!!! (cont.)*
C.S. Morehouse, P.E., President, Morehouse Engineering Inc.
- 11:00 am *Aerial Photogrammetric Applications in Wastewater Engineering*
Kurt Lutz, Dir. Of Operations, Cert. PhotoGrammetrist
Robinson Aerial Surveys
- 11:45 am Lunch (included)
- 1:00 pm *What's New in Air Regulations*
Gabrielle Moore, P.E., Camp Dresser and McKee Inc.
- 1:30 pm *Water Quality Management Planning Rule Changes*
Raymond Ferarra, Omni Environmental
- 2:00 pm *NJPDES Rule Readoption & Amendments*
Tony Dilodovico, CMX
- 2:30 pm *Proposed Changes to NJDEP Operator Licensing Regulations*
Joe Bonaccorso, JMEUC
- 3:00 pm Session Ends

TUESDAY, SEPTEMBER 30, 2008

GENERAL SESSION

8:15 am **Welcome & Opening Remarks**
Robert Fischer, Chairman, S&TT Committee
Blake Maloney, President, NJWEA

Tuesday, September 30, 2008

SESSION I— Industrial Management Session -Fall 2008

Approved for Wastewater TCHs

Course # 03-08 08 03 2-0 (5.0 TCH)

CPWM Course **NJWEA-DLGS-416, 5 Hr.Tech**

Moderators: **James R. Wancho, VP, Paulus, Sokolowski and Sartor, LLC**
Natalie Pisarcik, RVRSA

8:30 am ***Implementing the Delaware Estuary PCB TMDL***
Thomas Fikslin, Delaware River Basin Commission

9:30 am ***An Overview of Recent Water Quality Monitoring Programs in the NY/NJ Harbor***
Mick DeGraeve, Great Lakes Environmental Center

10:00 am ***Coffee Break (included)***

10:15 am ***PVSC Liquid Acceptance Program***
Gary Burns, PVSC

10:45 am ***Industrial WWTP: Anheuser-Busch Case Study***
Rich Guindon, Anheuser-Busch

11:15 am ***Alternative Energy***
Mike Belikoff, PS&S Energy Services Group

11:45 am **Lunch (included)**

1:00 pm ***Reducing Chemical Treatment of Cooling Tower Water – An Update***
David Schofield, Chardon Labs

1:30 pm ***Dairy Packaging WWTP Upgrade – A Case Study***
Laura Marcolini, Fuss & O'Neill Inc.

2:00 pm ***Microconstituents in Water Supplies and Wastewater and How to Control***
Joseph Cleary, HydroQual Inc.

2:30 pm ***Regulatory and Engineering Aspects of TDS Control***
Jurek Patoczka, Hatch Mott MacDonald

3:00 pm **Session Ends**

Tuesday, September 30, 2008

SESSION II— Wastewater O&M Session - Focus on Secondary Treatment

Approved for Wastewater TCHs

Course # 03-08 08 04 2-0 (5.0 TCH)

CPWM Course NJWEA-DLGS-417, 5 Hr. Tech

Moderators: **Helen Littleton, PhD, PE, BCEE, JMT Engineering**
Rocco Maiellano, Executive Director, Evesham MUA

8:30 am ***Maximize Primary and Secondary Clarifier Capacity***

Dave Kinnear, PhD, PE, Vice President, HDR Engineering, Inc.

This presentation compares different techniques presently applied to maximize primary and activated sludge secondary clarifier efficiency. Those attending will gain a better understanding of the benefits and detriments of applying these techniques.

10:00 am **Coffee Break (included)**

10:15 am ***Progress in the Search for Low-shear, High Solids Dewatering Alternatives***

K. Richard Tsang, Ph.D, PE, BCEE, Vice President, CDM

This presentation describes the need of mechanical biosolids dewatering and current practice with belt filter press and centrifuges as well as the issues of high shear, high chemical dose, and odor.

11:00 am ***Design of Highly Effective Screen and Grit Removal Facilities***

Bob Wimmer, PE, Vice President, JMT Engineering

This presentation reviews updated screenings and grit removal technology. Strategies and challenges associated with removal efficiency, reliability and robustness in particular, will be discussed.

11:45 am **Lunch (included)**

1:00 pm ***Fundamentals of Wastewater Microbiology and Microscopic Examination of Several Wastewater Treatment Plants Samples.***

Professor F. Peter Strom, Rutgers University

This seminar will teach fundamentals of wastewater microbiology and filament identification through microscopic activated sludge sample examination for several plants and your own plant samples brought to this seminar. Hands on group evaluation will be conducted.

2:15 pm ***WATER CHALLENGES: Past, Present and Future***

Dr. Perry McCarty, Silas H. Palmer Professor Emeritus

Dept. of Civil & Environmental Engineering, Stanford University

This presentation provides a broad overview of climate change and how the wastewater industry might address reducing its impact on fossil fuel usage, primarily through anaerobic treatment and alternative treatment plant design.

3:00 p.m. **Session ends**

Tuesday, September 30, 2008

SESSION III — Supervisory Issues - Fall 2008

Approved for Water & Wastewater TCHs

Course # 03-08 08 05 3-0 (5.0 TCH)

CPWM Course NJWEA-DLGS-418, 5 Hr. Mgmt

Moderators: Brian Bigler, Ex. Dir., Secaucus MUA

Fran Bonaccorso, Asst. Superintendent, Bayshore Regional SA

8:30 am *Performance Management & How To Manage Employees*

Michelle Romanenko, CEC

10:00 am Coffee Break (included)

10:15 am *When an Emergency Occurs-Proper Procedures for Declaring an Emergency*

John Napolitano, Esq.

10:45 am *Document, Document, Document*

Jessie Phillips, HR Strategist

11:45 am Lunch (included)

1:00 pm *Document, Document, Document (Continued)*

Jessie Philips, HR Strategist

3:00 pm Session Ends

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: **The Seminar and Technology Transfer Committee**

: Chairman Robert Fischer *Executive Director, Bayshore Regional S.A.*

: Christie Arlotta *P.E., Environmental Engineer, CDM*

: Brian Bigler *Executive Director, Secaucus M.U.A*

: Francis Bonaccorso *Asst. Superintendent, Bayshore Regional Sewerage Auth.*

: Joseph Bonaccorso *Superintendent, Joint Meeting of Essex & Union Co*

: Steve Dowhan *Senior Project Manager, Joint Meeting of Essex & Union Co*

: James De Block *Vice President, D2L Associates*

: Rick Eustace *O&M Manager, Landis Sewerage Authority*

: Phil Habrukowich *Asst. Plant Supt, Passaic Valley Sewerage Commissioners*

: Chris Hoffman *Research Scientist I, New Jersey Dept. of Environ. Protection*

: Ken Hrasdzira *Safety Director, Passaic Valley Sewerage Commissioners*

: Richard Jenkins *Director of Special Projects, Bayshore Regional Sewerage Auth.*

: Russell K. Johnson *P.E., Vice President, Hatch Mott MacDonald I&E*

: Soulmaz Khojasteh *P.E., Project Manager, CME Associates*

: Harry Ladisheff *Safety Director, Bernards Township Sewerage Authority*

: (Continued on page 15)
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Tuesday, September 30, 2008

SESSION IV- Joint NJWEA/AEA Seminar - Fall 2008

Approved for Wastewater TCHs

Course # 03-08 08 06 2-0 (5.0 TCH)

CPWM Course NJWEA-DLGS-419, 3 Hr. Tech, 2 Hr. Gov

Moderators: Ellen Gulbinsky, Ex. Director, Assn. of Environmental Authorities

- 8:30 am *Overview of Session for the Day*
Ellen Gulbinsky, Assn. of Environmental Authorities
- 8:35 am *DRBC Special Protection Waters Rules: What do they Mean for Dischargers?*
William Muszynski Branch Manager Delaware River Basin Commission
- 9:05 am *Update on Projects at the Rutgers EcoComplex: Microturbines and Anaerobic Digesters*
Dave Specca, Acting Director, Rutgers EcoComplex
- 9:35 am *Nitrate Dilution Rules and Septic Impacts*
Tony DiLodovico, CMX Engineereing
- 10:00 am *Coffee Break (included)*
- 10:15 am *Using your Energy Smarts:Demand Response Procurement*
Richard Kunze, Ocean County UA
- 10:45 am *An Update on Pharmaceutical Waste in Wastewater*
Dr. Eileen Murphy, Director of Science Research and Technology, NJDEP
- 11:45 am *Lunch (included)*
- 1:00 pm *Applying Science, Legal Techniques and Persistence to get the Appropriate Phosphorus Limit*
Dr. Raymond Ferrara, Omni Environmental
Rocco Maiellano&Joe Rizzuto Evesham MUA
Edward Kondracki Esq.
- 3:00 pm *Session Ends*

For Information About NJ Water Environment Association Activities

Please Contact:

Jack Lagrosa, Executive Director

P.O. Box 1212, Fair Lawn NJ 07410-1212

Phone (201) 296-0021 Fax (201) 296-0031

ARTICLES & ADVERTISING FOR "NJWEA EFFLUENTS"OR "SCAN NEWSLETTER", CONTACT

Dr. Joseph Soporowski (732) 892-9279

Visit the NJWEA Website for up-to-date information on seminars, conventions, mini seminars, special events and much more @

www.njwea.org

WEDNESDAY, OCTOBER 1, 2008

GENERAL SESSION

8:15 am **Welcome & Opening Remarks**
 Robert Fischer, Chairman, S&TT Committee
 Robert Sokolowski, President-Elect, NJWEA

Session I — Safety Workshop - Fall 2008

Approved for Water & Wastewater Safety TCHs

Course # 03-08 08 07 3-1 (5.0 TCH)

CPWM Course NJWEA-DLGS-420, 5 Hr. Tech

Moderators: **Harry L. Ladisheff, Safety Dir. / Operator Bernards Township S.A.**
 Ken R. Hradzira, PVSC, NJWEA Chairman Safety Committee

8:30 am ***Roadside Equipment and Safety***
 Roland A. Conte, Superintendent, Fairlawn DPW
 An interactive course on depicting the hazards and safety precautions
 taken at a roadside worksite.

10:00 am ***Coffee Break (included)***

10:15 am ***Waterborne Pathogens***
 Bernie Rutkowski, Regulatory Compliance & Safety Toms River MUA
 A viable alternative to the blood borne pathogens standard for the
 water and wastewater operator, focusing on pathogens Pertinent to
 water, their transmission symptoms, consequences, and preventative
 measures.

11:45 am **Lunch (included)**

1:00 pm ***The Safety Compliance Scoop***
 Harry E. Smith III, CSM, Pres., Certified Health and Safety Services,
 An outline of the current OSHA /NJ PEOSHA requirements – regulatory
 And best practices, the hot spots and current inspection trends,
 job Hazard assessments, management and employee responsibilities,
 along With staff buy in.

3:00 pm **Session Ends**



UPCOMING EVENT



81st Annual Water Environment Federation WEFTEC
McCormick Place * Chicago Illinois * October 18—22

See www.njwea.org for more details

Wednesday, October 1, 2008

SESSION II— Collection System O&M - Fall 2008

Mis“sewer”laneous Appurtenances

Approved for Wastewater TCHs

Course # 03-08 08 08 2-0 (5.0 TCH)

CPWM Course NJWEA-DLGS-421

Moderators: James J. Paluch, Asst. Supt. / Collection System Ops., JMEUC
Rob Noel, Asst. Supt. / GIS System Manager, EBSA

8:30 am *Protective Lining Systems*

Chip Johnson, Sprayroq

9:15 am *JET UP ! / Proper Pipeline Jetting*

Scott Paquet, NozzTeq, Inc.

10:00 am *Coffee Break (included)*

10:15 am *Vortex Flow Odor & Corrosion Control*

Rob Lee, IPEX

10:45 am *Infiltration Control w/Chemical Grouting, (Inc. Hands-On Field Demonstration)*

Marc A. Ancil, Logiball

11:45 am *Lunch (included)*

1:00 pm *Air Valve Application and Sizing*

Fred Haines, Harper International, Inc.

1:45 pm *21st Century Sewer Monitoring*

Greg Quist, Hadronex

2:15 pm *Collection System O & M Case Study: City of Passaic*

Thomas L. Patterson, Hatch Mott MacDonald

3:00 pm *Session Ends*



UPCOMING EVENT



3rd Annual “Water For People Wine Tasting Event”

Friday, October 10th at 8:00 PM

“SOHO on George” in New Brunswick

Call Christie Arlotta at 732-590-4690 for details

Wednesday, October 1, 2008

SESSION III— Clean Energy, Energy Efficiency and Sustainable Development

Approved for Water & Wastewater TCHs

Course # 03-08 08 09 3-0 (5.0 TCH)

CPWM Course NJWEA-DLGS-422, 3 Hr. Tech, 2 Hr. Mgmt

**Moderators: Helen Littleton, PhD, PE, BCEE, JMT Engineering/Drexel Univ.
Robert C. Fischer, Exec. Dir., Bayshore Sewerage Authority**

8:30 am Governments Role as Leader in Renewable Energy for NJ

The Honorable Robert Singer, NJ State Senator, District 30

9:00 am Anaerobic Treatment Tech. for Municipal, Industrial, & Agricultural Wastes

Dr. Perry McCarty, Silas H. Palmer Professor Emeritus

Dept. of Civil & Environmental Engineering, Stanford University

An overview with examples on the use of anaerobic treatment processes for Industrial, municipal, and agricultural wastes for the production of biofuels.

10:00 am Coffee Break (included)

**10:15 am Policies and Incentives on Renewable Energy and Energy Savings
For Municipalities and Industry in N.J.**

Larry Barth, CORE Program Manager, NJ Clean Energy Program

This presentation provides information of detailed NJ BPU incentives and available grant particular on renewable biogas energy and energy saving plan for municipal and Industrial clients.

**10:45 am Energy Efficiency Improvements at Washington Suburban Sanitary
Commission Treatment Plants**

Bob Wimmer, PE, Vice President, JMT Engineering

This presentation provides information and case studies on energy savings and pay-back plans at several WSSC treatment plants. Capital investment for energy saving and operational strategies at WWTPs in particular will be discussed.

11:45 am Lunch (included)

**1:00 pm Fundamentals of Blower Design and Strategies to Minimize Energy
Consumption**

Alex Lequio, PE, Regional Manager, Turblex- A Siemens Company

**2:00 pm An Overview on Updated Anaerobic Digestion Technology, Renewable
Biogas Production and Carbon Footprint Reduction**

Helen Littleton, PhD, PE, BCEE, JMT Engineering / Drexel Univ.

3:00 pm Session ends

Wednesday, October 1, 2008

SESSION IV NYPE Session

Heating/Ventilation, Pipe Inspection and Security Topics

Approved for Water & Wastewater TCHs

Course # 03-08 08 10 3-0 (5.0 TCH)

CPWM Course NJWEA-DLGS-423, 5 Hr. Tech

Moderators: Manuel Ponte, P.E., ARCADIS U.S., Inc.
Michael Roy, P.E., Old Bridge MUA

- 8:30 am *Heating, Ventilating and Air Conditioning - 101*
James Rossetti, P.E., Rossetti Engineers
- 9:30 am *Ventilation Guidelines for Treatment Facilities*
Jason LaBarge, Senior Scientist, ARCADIS
- 10:00 am Coffee Break (included)
- 10:15 am *Blower Applications and Selection*
David Innes, New York Blower
- 11:15 am *Innovative Approaches for Ventilation and Gas Dispersion*
Thomas McCann, DynaTech Sales
- 11:45 am Lunch (included)
- 1:00 pm *Applications of PCCP use in Wastewater*
Thomas Metcalfe, PE, R3M Engineering
- 1:30 pm *Large Diameter Pipe Inspection*
Brian Rohan, PE, Rohan Engineering
- 2:00 pm *Design of Grease Interceptors*
Chas Tevis, Lowe Engineering
- 2:30 pm *Cyber Security*
Michael Grossano, FBI
- 3:00 pm Session Ends



UPCOMING EVENT



Technology Transfer Seminar at the Sheraton-Eatontown

March 1—4, 2009

THURSDAY, OCTOBER 2, 2008

GENERAL SESSION

8:15 am **Welcome & Opening Remarks**
 Robert Fischer, Chairman, S&TT Committee
 Vice President, NJWEA

Thursday, October 2, 2008

SESSION I - Utility Administration - Fall 2008

Approved for Water & Wastewater TCHs
Course # 03-08 08 11 3-0 (5.0 TCH)
CPWM Course NJWEA-DLGS-424, 5 Hr. Mgmt
Moderator: Frank Pestana, Exec Dir., North Bergen MUA

8:30 am *The Role of the Consulting Engineer in Authority Administration*
 Fletcher Platt, P.E., Executive Vice President, Hatch Mott MacDonald

9:15 am *Innovative Web Applications for Public Utilities*
 Michael Melham, AlphaDog Solutions, Inc.

10:00 am *Coffee Break (included)*

10:15 am *E-mails: "Be Careful"*
 John Napolitano, Esq., Johnson & Conway LLP

11:00 am *Government Auctions: How to Buy & Sell Equipment Online*
 Ian Aronovich, Government Auctions Guide

11:45 am *Lunch (included)*

1:00 pm *How to Jump from Paper to a Digital World*
 Greg Copeland, Filebank Inc.

2:00 pm *Traditional and Online Sale of Public Property*
 Joseph Valenti, Bureau Chief, Div. of Local Government Services
 Daniel Kaminski, Div. of Local Government Services

3:00 pm *Session Ends*

Important Reminder

All Licensed Operators holding a Level 1 or Level 2 license will need to have 18 TCHs by October 1, 2009 or risk losing their license.

All Level 3 and Level 4 licensed Operators will need to have 36 TCHs by

Thursday, October 2, 2008

SESSION II — Laboratory Workshop - Fall 2008

Approved for Water & Wastewater TCHs

Course # 03-08 08 12 3-0 (5.0 TCH)

CPWM Course NJWEA-DLGS-425, 2.5 Hr. Tech, 2.5 Hr. Gov

**Moderator: Melissa Motyl, Staff Engineer, CH2M Hill
 Jean Manigold, RVSA**

- 8:30 am *The MRF Reference Manual – Understanding Its Development and Maximizing Its Use***
 Nancy Kempel, NJDEP-Bureau of Point Source Permitting, Region 2
 Susan Perez, NJDEP-Bureau of Point Source Permitting, Region 2
 Anthony Pilawski, NJDEP-Pretreatment and Residuals
- 10:00 am Coffee Break (included)**
- 10:15 am *Toxicity Testing: The How and Why of Test Type, Design and Conduct***
 Chris Nally, American Aquatic Testing, Inc.
 Michele Potter, NJDEP-Office of Quality Assurance
- 11:45 am Lunch (included)**
- 1:00 pm *Quality Control for Plant Operator Laboratory Analysis***
 Debra Waller, NJDEP-Office of Quality Assurance
- 2:00 pm *Evaluating Data Integrity Issues in Your Laboratory***
 Debra Waller, NJDEP-Office of Quality Assurance
- 3:00 pm Session Ends**

The NJWEA has committed itself to provide quality programs to help licensed operators satisfy their TCH requirements. The NJWEA is also committed to assist the management of New Jersey's treatment plants to receive accreditation for courses they provide for their employees.

As a member of the New Jersey Water Environment Association, you automatically receive discounted registration fees, and the NJWEA maintains a database of your completion of qualifying NJWEA courses, seminars and workshops. If you are not a member, this is the perfect time to join.

For further information contact:

- Chris Hoffman, Chairman, NJWEA Education Committee, (609) 984-6840
- Jack Lagrosa, Executive Director, NJWEA
(201) 296-0021 or jlagrosa@njwea.org
- Full retired and paid-up NJWEA/WEF members (only), please contact Jack Lagrosa at
(201) 296-0021 for info about reduced rate registration.
- Licensed operators will receive 1.0 TCH for each full or partial year of membership in the NJWEA/WEF (not sections). Max - 3.0 TCH per 3 year TCH period

Thursday, October 2, 2008

SESSION III — Maintenance O&M - Fall 2008

Approved for Water & Wastewater TCHs

Course # 03-08 08 13 3-0 (5.0 TCH)

CPWM Course NJWEA-DLGS-426, 5 Hr. Tech

Moderators: Phil Habrukowich, Asst. Plant Superintendent, PVSC
Roman Wisniewski, Joint Meeting of Essex and Union Counties

- 8:30 am *Pumping and Pump Maintenance 101*
John Corkery, *Pumping Services Inc.*
- 10:00 am Break
- 10:15 am *Aeration Blowers and Blower Maintenance 101*
James Cook, Multistage Centrifugal Blowers.
- 11:00 am *Polymer Feed Systems and Feed System Maintenance*
Rich Fiedler, G.P.Jager Associates.
- 11:45 pm Lunch
- 1:00 pm *Identification & Maintenance of Bearings*
John Fowler, Senior Territory Manager, SKF Bearings
- 1:45 pm *Chemical Storage Tank Selection*
Ray Varela, Field Engineer, Design Plastics
- 2:30 pm *Plant Valves-Understanding Them & Maintaining Them*
Roman Wisniewski, Plant Maintenance Manager, JMEUC
- 3:00 pm Session ends

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- The Seminar and Technology Transfer Committee (continued)**
-
- Jack Lagrosa *Executive Director, New Jersey Water Environment Association*
 - Helen Littleton *Ph.D., P.E., BCEE, JMT Engineering / Drexel University*
 - Donna Lyons *Laboratory Supervisor, D2L Associates, Inc.*
 - Rocco Maeillano *Executive Director, Evesham Municipal Utilities Authority*
 - Terry McHugh *Owner, All's Clear Services*
 - Peter A. Nese *Vice President, CH2MHILL*
 - Anne Napolitano *PMK/ Birdsall*
 - James Paluch *Asst. Superintendent / Collection System Operations, JMEUC*
 - Henry Penley *Superintendent, Old Bridge MUA*
 - Donna Peteja *Laboratory Manager/IPP Coordinator Two Bridges S.A.*
 - Frank Pestana *Executive Director, North Bergen Municipal Utilities Authority*
 - Manuel Ponte *P.E., Vice President, ARCADIS US., Inc.*
 - Michael Roy *Old Bridge Municipal Utilities Authority*
 - Robert Sokolowski *Executive Director, Franklin Township Sewerage Authority*
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Thursday, October 2, 2008

SESSION IV: Biosolids - Fall 2008

Approved for Wastewater TCHs

Course # 03-08 08 14 2-0 (5.0 TCH)

CPWM Course NJWEA-DLGS-427, 5 Hr. Tech

Moderators: Peter A. Nese, P.E., Vice President, CH2M HILL
Soulmaz Khojasteh, P.E., Project Manager, CME Associates

- 8:30 am *Stamford Connecticut's Waste-To-Energy Demonstration Facility*
Brian Gackstatter, P.E., Senior Project Manager, CH2MHILL
- 9:15 am *Unique Side-By-Side Pilot Testing of Belt Filter Press and Centrifuge Requires Careful Planning, Organization and Control by Authority Staff*
William T. Suchodolski, P.E., Manager of Engineering, OCUA
- 10:00 am Coffee Break
- 10:15 am *Belt Filter Press Produces Similar Performance to Centrifugation: Side-By-Side Dewatering Results from Three Anaerobic Digested Biosolids @ OCUA*
William T. Suchodolski, P.E., Manager of Engineering, OCUA
- 11:00 am *Incinerator Failures and Their Prevention*
Christopher Doelling, Incinerator Specialist, Chavond-Barry Engineering
- 11:45 am Lunch (Included)
- 1:00 pm *Greenhouse Gas Mitigation in WWTPs – Beyond Anaerobic Digestion*
Dimitrios Katehis, PhD, PE, Principal Technologist, CH2M HILL
- 1:45 pm *Evaluation of Electrodewatering for Solids Processing at the Western Branch Facility, Washington Suburban Sanitation Commission*
Dr. Mohammad Abu-Orf, National Biosolids Technology Leader,
Metcalf & Eddy/AECOM
- 2:30 pm *Biosolids End-Use Trends in the New Jersey – Prelude to Solids Management Study for Millville*
Nalan Tepe- Sencayir, Project Engineer, Metcalf & Eddy/AECOM
- 3:00 pm Session Ends

MAIL TO: NJ Water Environment Association Registrar

PO BOX 233

CEDAR GROVE, NJ 07009 Tel: (973) 239-9200 - Fax: (973) 239-9239



REGISTRANT NAME: _____

NEW MEMBER or MEMBERSHIP RENEWAL: YES ___ NO ___

NJWEA/WEF MEMBER ID # _____ REGISTRANT CERTIFIES HE OR SHE IS QUALIFIED FOR PWO MEMBERSHIP AND WORKS AS A HANDS ON OPERATOR or MAINTENANCE TECH or LAB TECH IN A SEWERAGE SYSTEM OR WATER TREATMENT PLANT SYSTEM OR COLLECTION/DISTRIBUTION SYSTEM: YES: _____ NO: _____

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

"REGISTRANT MUST CHECK ALL SESSIONS THEY PLAN TO ATTEND"

Monday, September 29, 2008		
Ses. #	Description	<u>MEMBER FEE</u>
___I	UST Re-Certification	\$179.00**
___II	ICS 100 & 700	\$59.00
___III	System Wide Issues	\$59.00

Tuesday, September 30, 2008		
Ses. #	Description	<u>MEMBER FEE</u>
___I	Industrial Management	\$59.00
___II	Wastewater O&M	\$59.00
___III	Supervisory Issues	\$59.00
___IV	Joint NJWEA/AEA	\$119.00

UST MEMBER ON-SITE ADD \$31 UST NON-MEMBER FEES \$289 PREREG, \$299 ONSITE

Wednesday, October 1, 2008		
Ses. #	Description	<u>MEMBER FEE</u>
___I	Safety Workshop	\$59.00
___II	Collection Systems O&M	\$59.00
___III	Energy Efficiency	\$59.00
___IV	NYPE Training	

Thursday, October 2, 2008		
Ses. #	Description	<u>MEMBER FEE</u>
___I	Utility Administration	\$59.00
___II	Lab Workshop	\$59.00
___III	Maintenance O&M	\$59.00
___IV	Biosolids	\$59.00

IF YOU ARE NOT A CURRENT NJWEA MEMBER YOU MUST CIRCLE ONE MEMBERSHIP CHOICE

NEW OR RENEWAL PWO MEMBERSHIP: ADD \$74.00
NEW OR RENEWAL ACTIVE MEMBERSHIP: ADD \$112.00

Multi-day Registrants May take one Discount

MULTI DAY DISCOUNT (2 DAYS) DEDUCT: \$1.00
MULTI DAY DISCOUNT (3 DAYS) DEDUCT: \$2.00
MULTI DAY DISCOUNT (4 DAYS) DEDUCT: \$3.00

PAYMENT AMOUNT DUE: (SUM & ENTER ON PG 2) _____

SUBMIT BOTH PAGES FOR REGISTRATION PG 1 OF 2

Faxed Registrations Must Include Credit Card or Purchase Order

Information To Receive Pre-Registration Rate

PRE-REG. BY MAIL MUST BE POSTMARKED BY September 22, 2008

PRE-REGISTRATION BY FAX ENDS September 23, 2008

NO CANCELLATIONS ACCEPTED AFTER September 23, 2008

Non-member Registrations will receive either a
ONE YEAR ACTIVE OR PWO MEMBERSHIP OR RENEWAL
in the NJWEA and WEF if eligible

PLEASE PRINT CLEARLY OR TYPE REG. DATE: _____

Last Name: _____

First Name: _____

Middle Initial: _____ Social Security No: XXX / XX / _____

Billing Address Is: HOME WORK (circle one)

Company Name: _____

BILLING ADDRESS: _____

City _____

State: _____ Zip _____

Phone: (_____) _____

Facsimile: (_____) _____

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: _____

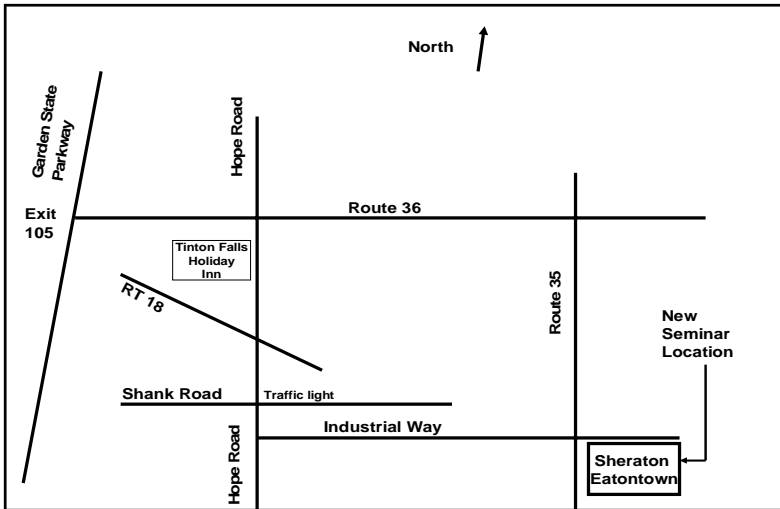
Approval # (For Office Use): _____

LOOK → NEW LOCATION SHERATON—EATONTOWN

6 INDUSTRIAL WAY, EATONTOWN, NJ 732-542-6607

FROM THE GARDEN STATE PARKWAY TAKE EXIT 105 TOWARDS EATONTOWN. AT THE FIRST TRAFFIC LIGHT TURN RIGHT ONTO HOPE ROAD. AND CONTINUE THROUGH THE FIRST TRAFFIC LIGHT AT SHANK ROAD. MAKE A LEFT ONTO INDUSTRIAL WAY AND STAY ON INDUSTRIAL WAY THROUGH ROUTE 35. THE SHERATON EATONTOWN IS DIRECTLY ON THE RIGHT AFTER ROUTE 35

AS AN ALTERNATE AT EXIT 105 STAY ON ROUTE 36 EAST TO ROUTE 35 SOUTH SHERATON EATONTOWN IS ON LEFT IMMEDIATELY AFTER INDUSTRIAL WAY (TAKE JUG HANDLE TO CROSS ROUTE 35)



EARN LICENSING CREDITS

New Jersey Water Environment Association

CPWM Hours-NJ Department of Community Affairs

4 Day Program Will Earn 20 Contact Hours/20.0 TCH

3 Day Program Will Earn 15 Contact Hours/15.0 TCH

2 Day Program Will Earn 10 Contact Hours/10.0 TCH

1 Day Program Will Earn 5 Contact Hours/5.0 TCH

To Earn TCH and/or CPWM Hours

Attendees Must Sign In AND Sign Out of the Sessions

Those completing Certified Programs will receive Certificates

The NJWEA is authorized to provide credit hours for

Certified Public Works Managers

