

2012

Industrial Waste and Pretreatment Seminar



**March 5 and 6
Charlottesville, VA**



CONFERENCE PURPOSE

The Virginia Water Environment Association (VWEA) is bringing the latest information to Industry and POTW's on the major issues such as Pretreatment, Pollution Prevention and Regulatory Updates.

Distinguished speakers from the EPA, Virginia DEQ, academia, industry, public and private sector will participate at the conference.

WHO SHOULD ATTEND

Industrial environmental staff, laboratory personnel, municipal pretreatment engineers and operators, environmental compliance managers, environmental consultants, attorneys and regulators.

CONTINUING EDUCATION CREDITS will be offered for Wastewater Operators (7.0 hr.) and Professional Engineers (8.0 hr.), as shown after each topic title on the agenda (# for WWOs/# for PEs).

LODGING – DOUBLETREE HOTEL by HILTON, Charlottesville, VA

990 Hilton Heights Road
Charlottesville, Virginia
USA 22901

Tel: +1-434-973-2121

Fax: +1-434-978-7735

Room rate is \$119/night plus tax (Early Bird Special), single occupancy.

Please make your reservation directly with the Hotel by calling 1-800-494-9467 or online: <http://doubletree.hilton.com/en/dt/groups/personalized/C/CHOSHDT-VWE-20120305>

Please mention the VWEA Seminar when making your reservation. Deadline for the early rate is Feb. 13, 2012

QUESTIONS

Conference – Jim Johnston (540) 662-7097
Exhibits & Registration – Kathy Rabalais (804) 332-5286

DIRECTIONS TO THE DOUBLETREE HOTEL

FROM CHARLOTTESVILLE/ ALBEMARLE AIRPORT: Take Airport's Exit, go straight at the stop sign. Go approximately 1 mile to stop light, turn right onto Rt 29 South. Follow 29 South 2.6 miles. Turn right at first traffic light (Hilton Heights Road) after crossing the South Fork Rivanna River Bridge.

FROM INTERSTATE 66 (WASHINGTON, DC): Go West Route 29 South in Gainesville. (Exit 43) Note: This is the second exit for Route 29 South on Interstate 66 coming from Washington, DC. On Route 29, approximately 1.5 miles before you reach the Charlottesville city limits you will cross the South Fork Rivanna River Bridge. After crossing the bridge, turn right at the first traffic light onto Hilton Heights Road.

FROM INTERSTATE 64: Take exit 118-B. This exit will put you directly on the Route 29 North Bypass. You will stay on the bypass approximately 4.5 miles. The 29 Bypass will merge with the 250 Bypass, you will remain on the 29 Bypass until you see a sign for Washington, DC and 29 North. This exit will be on your right hand side. Take it and you will be directly on Route 29 North. Continue 3.5 miles, the Doubletree Hotel is located on the left (Hilton Heights Road) beside Sam's Club and Wal-Mart

This Program is being presented by VWEA as a service to its members. VWEA expressly disclaims any responsibility arising from the selection of program participants, program topics and materials and presentation of information, materials and opinions by program participants. Each attendee of the program shall be solely responsible for determining the adequacy, accuracy and reliability of any information, materials, and/or opinions presented by program participants. The information, materials and opinions presented by program participants represent their knowledge and views on the selected topics and do not necessarily reflect the position of VWEA.

AGENDA

Workshop – Monday March 5, 2012 WATER REUSE “What Flows Around Comes Around”

This half-day workshop will provide information on water reuse opportunities, regulations, strategies and new technologies.

Moderator: Jim Johnston **Assisting: Alex Tellez**

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| 1:00 pm | Introduction and Opening Comments – Jim Johnston, SCS Engineers |
| 1:15 pm | Overview of Water Reuse Opportunities (0.5/0.5) – Leita Bennett, Project Manager, Atkins Global |
| 1:45 pm | Updates on the DEQ Water Reclamation and Reuse Programs (0.5/0.5) – Valerie Rourke, Water Reclamation and Reuse Coordinator, VA DEQ |
| 2:15 pm | Water Reuse Experience at HRSD (0.5/0.5) – Kevin Parker, Environmental Scientist, HRSD |
| 2:45 pm | Networking Break |
| 3:15 pm | Impact of Boron Discharge Standard at Automotive Engine Plant (0.5/0.5) – Lucy Pugh P.E. Vice President, AECOM |
| 3:45 pm | Water Reuse Success at a Large Industrial Facility (0.5/0.5) – Steve Pierett, Environmental Manager, Volvo Trucks North America |
| 4:15 pm | Wastewater Reuse at a Petroleum Refinery (0.5/0.5) – Lucy Pugh, Vice President, AECOM |
| 4:45 pm | Adjourn to Social Exhibit Area |

Regulatory and Technical Development in Industrial Waste Management - Tuesday March 6, 2012

This full day workshop will feature speakers from government and industry who will provide important insights into current regulatory trends, challenges, and technical advances in industrial wastewater management.

Morning Session

Moderator: Abha Sharma **Assisting: Doug Brown**

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| 8:30 am | VWEA Welcome – Grace LeRose, VWEA President |
| 8:45 am | EPA Update on Water Reuse Strategies (0.5/0.5) – Robert K. Bastian, Senior Environmental Scientist, Office of Wastewater Management, US EPA |
| 9:15 am | DEQ Update (0.5/0.5) – Fred Cunningham, Water Permits and Compliance Manager, VA DEQ |
| 9:45 am | Upcoming Water Regulatory Challenges; Key Considerations (0.5/0.5) – Brooks Smith, Attorney, Hunton and Williams. |
| 10:15 am | Networking Break |
| 10:45 am | Managing and Treating Landfill Leachate (0.5/0.5) – Jim Johnston P.E., Senior Project Advisor, SCS Engineers |
| 11:15 am | Surviving Post-Implementation of a Designated Aquatic Life Use TMDL (0.0/0.5) – Dr. David Gruber, President, BMI |
| 11:45 am | PCB River Study and What’s Next (0.5/0.5) – Mark Richards, Environmental Engineer, VA DEQ |
| 12:15 pm | Lunch and 2012 Industrial Waste and Pretreatment Awards Presentation |

Afternoon Session

Moderator: Linda Newman **Assisting: Lola Guerra**

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| 1:15 pm | Integration of Design and Operations, Startup of a Large Membrane Bioreactor Plant (0.5/0.5) – Chris Hull, Manager, OMI |
| 1:45 pm | Update on Microconstituents in the Environment (0.5/0.5) – Deborah DeBiasi, State Pretreatment Coordinator, VA DEQ |
| 2:15 pm | Networking Break |
| 2:45 pm | Unique DAF Technology for Robust Pretreatment of Industrial Discharges to Municipal Nutrient Removal WWTP (0.5/0.5) – Shane Reid P.E, Project Manager, Reid Engineering. |
| 3:15 pm | Combining Industrial and Municipal Stormwater Inspections (0.0/0.5) – Scott Flanigan, Water Quality Manager, Chesterfield County |
| 3:45 pm | Adjourn |

Come join us for the evening social in the Exhibit Hall from 5:00pm to 7:00pm for hors d’oeuvres, a cash bar, door prizes, live music and of course, socializing!

REGISTRATION

March 5 - 6, 2012
DoubleTree Hotel - Charlottesville, VA

| TYPE OF REGISTRATION | On or Before February 13, 2012 | | After February 13, 2012 | |
|----------------------------|--------------------------------|------------|-------------------------|------------|
| | MEMBER | NON-MEMBER | MEMBER | NON-MEMBER |
| STUDENTS - with valid ID | \$ 25 | \$ 30 | \$ 35 | \$ 40 |
| WORKSHOP - March 5, 2012 | \$ 55 | \$ 65 | \$ 75 | \$ 80 |
| CONFERENCE - March 6, 2012 | \$ 135 | \$ 160 | \$ 160 | \$ 185 |
| WORKSHOP & CONFERENCE | \$ 140 | \$ 165 | \$ 175 | \$ 190 |

HOW TO REGISTER

Register ONLINE at:

<http://www.regonline.com/builder/site/?eventid=1032694>

Or on your cell phone by scanning the bar code below:



Register by MAIL or FAX:

If unable to register online, please download registration form at: www.vwea.org.

Mail registration form with check to:
VWEA, Industrial Waste and Pretreatment Committee
PO BOX 2324
Glen Allen, VA 23058

Fax credit card registrations to: (804) 545-0849

On-Site Registration Hours:

March 5, 2012 – 11:30 am to 5:00 pm

March 6, 2012 – 7:30 am to 1:00 pm

PAYMENTS/CANCELLATIONS/ SUBSTITUTIONS/ REFUNDS

Please make checks payable to VIRGINIA WATER ENVIRONMENT ASSOCIATION. In the event a paid registrant cannot attend, a substitute may attend at no additional charge. If substitution is not an option, refund request must be submitted in writing prior to February 24, 2012, and will incur a \$50.00 processing charge. Refunds cannot be made after February 24, 2010.