



LAB TECHNOLOGY DAY 2017

THURSDAY – MAY 4, 2017

NCSU MCKIMMON CENTER, RALEIGH

Sponsored by:

North Carolina Waterworks Operators Association (NCWOA) -
Drinking Water Lab Analyst Certification Committee

North Carolina American Water Works Association -
North Carolina Water Environment Association
(NC AWWA-WEA) Wastewater Lab Analyst Committee

State Laboratory of Public Health / Lab Certification

NC DWR Lab Certification Unit



2017 WASTEWATER PROGRAM

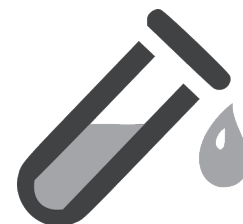
- 8:00 – 8:30 Registration
- 8:00 – 4:00 Exhibit Hall Open
- 9:00 – 9:30 Certification Updates - *Dana Satterwhite, NC DEQ /DWR*
- 9:30 – 10:30 A Story of Regulatory Success: How the Town of Cary and Winston Salem/Forsyth County Partnered with NC DEQ/DWR and EPA Officials to Improve Analytical Standards for Thermally Dried Biosolids - *Kelly Spainhour, Town of Cary – Chris Shamel, Winston Salem/Forsyth County, and Dana Satterwhite, NC DEQ/DWR*
- 10:30 – 11:00 Break in the Exhibit Hall
- 11:00-11:45 BOD and How Results Can Be Trending Using COD and TOC – *Kris Kadlecek, HACH*
- 11:45 – 12:30 BNR Process and Process Control – *Dave Wankmuller, Hazen Sawyer*
- 12:30 - 1:30 Lunch Provided in the Exhibit Hall
- 1:30 – 2:15 “Ethics and Data Integrity for Environmental Labs” – *Gary Francies, NC DEQ/DWR*
- 2:15 – 3:00 The New MDL Procedure – *Todd Crawford, NC DEQ/DWR*
- 3:00 – 3:30 Break in the Exhibit Hall
- 3:30 – 4:00 Hurricane Matthew- Preparing, Actions During, and Recovery After
Scott McCoy, Fayetteville Public Works Commission
- 4:00 – 5:00 Sampling Procedures both Grab and Composite – *Vinnie Bryant, Clearwater, Inc.*
- 5:00 Certificates of Attendance for Wastewater program handed out in the lobby



Program has been Pre-approved for 6 contact hours by the Wastewater Commission

2017 DRINKING WATER PROGRAM

- 8:00 – 8:30 Registration
- 8:00 – 4:00 Exhibit Hall Open
- 9:00 – 9:45 Legiolert, An Enzymatic Method for the Detection of *L. pneumophila* In Water and Cooling Towers – *Gil Dichter, IDEXX*
- 9:45 – 10:15 Break in the Exhibit Hall
- 10:15 – 10:45 The New MDL Procedure – *Todd Crawford, NC DWR*
- 10:45 – 11:30 Ethics and Data Integrity for Environmental Laboratories – *Gary Francies, NC DWR*
- 11:30 – 12:30 Lunch Provided in the Exhibit Hall
- 12:30 - 1:30 Lost in Translation: Refocusing on Critical Concepts in ICP Analysis
Rick Mealy, WI DNR (teleconference)
- 1:30 – 2:15 The Revised Total Coliform Rule – *TBD, NC DWR*
- 2:15 – 2:45 Break in the Exhibit Hall
- 2:45 – 3:15 Thermometer Calibrations – *Chris Goforth, NC DHHS*
- 3:15 – 3:45 Optimization of Powdered Activated Carbon for Taste and Odor Removal
Rachel Monschein and Erin Lee, Town of Cary
- 3:45 – 4:15 Hurricane Matthew – Drinking Water Impacts and System Recovery
Chad Ham, Fayetteville Public Works Commission
- 4:15 – 5:00 A New EPA Approved Method for the Analysis of Turbidity – *Pam Moss, HACH*
- 5:00 Certificates of Attendance for Drinking Water program handed out in the lobby



Program has been Pre-approved for 6 contact hours by the NCWTFO Certification Board

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REGISTRATIONS MUST BE RECEIVED BY APRIL 28, 2017

PLEASE SHARE THIS REGISTRATION FORM WITH OTHER "LAB RATS" AT YOUR FACILITY

NAME (First, Middle, Last): _____

TAG NAME: _____ SS # (for contact hours): Last 4 digits only XXX-XX _____

EMPLOYER: _____

MAILING ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

PHONE: _____ FAX: _____

EMAIL: _____

YOU MUST MARK ONE OF THE FOLLOWING:

_____ I WANT A CERTIFICATE OF ATTENDANCE FOR DRINKING WATER.
*MY NC DRINKING WATER CERTIFICATE NUMBER IS (OPERATOR ID #): _____

_____ I WANT A CERTIFICATE OF ATTENDANCE FOR WASTE WATER.
*MY NC WASTEWATER OPERATOR CERTIFICATE NUMBER IS: _____

*If you do not have a certificate number you STILL MUST check either Drinking Water or Wastewater and put "N/A" in space provided for the Certificate number. This is to assist us with room seating.

**IF YOU HAVE AN OPERATOR ID CARD FOR DRINKING WATER OR WASTEWATER
PLEASE BRING IT WITH YOU TO REGISTRATION - IT WILL BE SCANNED**

Statement of Contact Hours: Attendee must attend the entire program (9:00am to 5:00pm) in order to receive a Certificate of Attendance for 6 contact hours. You will receive credit for EITHER Wastewater or Drinking Water. Please be sure to mark the appropriate block on your registration form.

COST = \$60.00 per person

Please make checks payable to "NCWOA" or "North Carolina Waterworks Operators Association." We accept Checks, Cash, Credit Cards & Money Orders. We do NOT accept PO#s or credit card information over the phone.

Please mail/fax/scan payment and registration form to:

Cindy Gall, Comptroller
NCWOA
PO Box 4519
Emerald Isle, NC 28594
Phone: 252-764-2094 x 2
Fax: 252-764-2095
Email: cindy@ncwoa.com

By CC: ___ Visa ___ MC ___ Am Ex ___ Discover

Name on Card: _____

CC#: _____

Expiration Date: ___ Mo, ___ Year, CSC# _____

Cardholder Signature: _____

If cardholder is other than attendee, what email address should the CC receipt be sent to? _____

To ensure that you receive the emailed receipt, please add cindy@ncwoa.com to your email address book.

NCWOA USE: Amt _____ CK# _____ E S Processed: _____

Heather Cagle, Administrator
North Carolina Waterworks Operators Association
PO Box 4519
Emerald Isle, NC 28594

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NEWPORT, NC



JOB BOARD!

Are you looking for a new, bright employee?

Or, are you are looking for that perfect job with the right employer?

If your answer is yes, bring several copies of your job posting or your resume to Lab Tech Day. We will have a "Job Posting" Board near the entrance to the exhibit hall all day.

REGISTRATION INSTRUCTIONS

REGISTRATION FORM: Please complete one form per person. Please print or type. This form must be accompanied by a payment for the correct registration fee. We accept checks, credit cards, cash, & money orders. Please make checks / money orders payable to "NCWOA" or "North Carolina Waterworks Operators Association". We do not accept Purchase Orders. Please be sure to enter all information requested on the form. Incomplete forms will delay your registration or may be returned. All attendees must be pre-registered and paid in advance.

CONFIRMATION/ACKNOWLEDGEMENT OF REGISTRATION: All participants who pre-register will receive a receipt/acknowledgement of their registration by mail. This acknowledgement will include specific information on the site and directions/map.

CERTIFICATES OF ATTENDANCE: All participants will receive a certificate of attendance at the conclusion of the event. This certificate will document attendance for use in demonstrating contact hours for professional growth requirements for certified water OR wastewater treatment operators.

Each participant must be present for the entire event to receive credit. Each participant must pick up their own certificate at the conclusion of the event. No certificates will be given out early, to another individual, or mailed.

REFUNDS: We will issue a refund (minus a \$15 administrative fee), if the refund is requested, in writing, at least 7 working days prior to the event. Substitutions may be made. Please inform us as soon as possible of substitutions so that the appropriate certificates of attendance may be generated.

SOCIAL SECURITY NUMBERS (SS#): NCWOA's seminar attendance/contact hour tracking program uses your SS# as a unique identification number for our use only. However, in recognition of your identity security we are only asking for the last 4 digits. We do NOT use your SS# for any other purpose. Your SS# will NOT be given out to anyone. If you will not allow us to use your SS#, please indicate "refused" on the SS# line. While we will be happy to register you, we cannot guarantee accurate tracking of your attendance at these events.