

Look for the Windmill

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Indiana Rural Water Association

presents

Lab Techniques, Procedures, and Analysis Water and Wastewater

RESERVE YOUR PLACE TODAY!!

**812-988-6961
FAX**

INDIANA RURAL WATER ASSOCIATION

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FEES, TIME and LOCATION:

Registration fees: IRWA Member — \$100 ♦ Non-Member — \$175

Time: 8:00am—4:30pm (local time)

(Registration begins at 7:30am — Workshop starts promptly at 8:00am)

Locations: **March 8, 2010 — Pinhook Park Center**
2801 Riverside Drive; South Bend, Indiana 46601

March 10, 2010 — Indiana American Water Corporate Office
555 East County Line Road; Greenwood, Indiana 46143

March 12, 2010 — Chandler Community Center
405 East Washington Street; Chandler, IN 47610

Presenter: Jeremy Still of HACH Company

REGISTRATION

Fax or mail today!

Lab Techniques, Procedures, & Analysis

Date: _____ Location: _____

System/Company Name _____

Representative _____ Position _____
(Please send in one registration form for each person attending.)

Address _____

City/St/Zip _____ County _____

Tel () _____ Fax () _____

E-mail _____ Fee Due \$ _____

Check Enclosed Pay on Site Bill Us (PO# _____) Credit Card

CREDIT CARD: Visa _____ MC _____ Discover _____ American Express _____

_____ Exp.: _____ - _____

NAME ON CARD: _____ Security: _____

SIGNATURE _____



Contact Hours Available
IDEM Approval Pending for
7.5 Technical Water and
7.5 Technical Wastewater

Integrity:

*“That’s when you’re
good even when
nobody’s looking!”*



Look for the Windmill

IRWA’s mission since our founding in 1968, has been to provide education and technical assistance to water and wastewater systems in Indiana. Our icon, the Windmill, continues to symbolize our mission and our commitment to this industry that we all so proudly serve.

Indiana Rural Water Association

presents

Lab Techniques, Procedures, & Analysis (Water and Wastewater)

This is an introduction to the analytical techniques and systems available for water quality measurements in drinking water and wastewater. Analytical techniques covered include colorimetry, electrochemistry, and turbidity. The course objectives will be met by presenting theory, incorporating practical applications of analytical techniques, and through “hands-on” experience with each testing parameter. Students are required to analyze water samples of known and unknown values.

The day will consist of:

- Set-up and Preparation of pH Electrode
- Set-up Digestions for Total N and Total P
- Intro to Colorimetry
- Chlorine Testing and Hands-on Lab (chlorine measurement—blank, sample, standard)
- Nutrient Testing and Hands-on Lab for Total N and Total P
- Introduction to pH and Hands-on Lab (electrode troubleshooting, maintenance, calibration, and storage)
- Intro to Turbidity and Hands-on Lab (calibration and calibration verification; low level sample measurement techniques)

PLEASE NOTE: Registration limited to 30 persons at each workshop location.

Indiana Rural Water Association Inc.
PO Box 679
Nashville, IN 47448

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Return Service Requested

WORKSHOP
Lab Techniques, Procedures & Analysis
(Water and Wastewater)
March 8, 10, and 12, 2010