



Indiana Rural Water Association

presents

WATER and WASTEWATER PUMPS 101

RESERVE YOUR PLACE TODAY!!

**812-988-6961
FAX**

INDIANA RURAL WATER ASSOCIATION

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FEES, TIMES and LOCATIONS:

Registration fees: IRWA Member — \$30.00 ♦ Non-Member — \$60.00

Time: *March 25, 2010 — 10:30am-3:00pm (local time) — Lunch included*
(Registration begins at 10:00am — Workshop starts promptly at 10:30am)

Location: *High Dive Park Pavillion*
500 East Beardsley; Elkhart, IN 46516

Presenters: **PEERLESS-MIDWEST, INC.**
Jim Williams, President
Rod Helmuth, Technical Services Manager
Curt Kent, Project Manager



REGISTRATION

Fax or mail today!

Water & Wastewater Pumps 101

Date: March 25, 2010 Location: Elkhart, Indiana

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 _____



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.

Contact Hours Available
4 Water and 4 Wastewater
(IDEM approval pending)

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Information covered in this workshop will be:

- **Vertical Turbine Pumps for Water & Wastewater Applications** Vertical turbine pumps are used in numerous applications in the water/wastewater industry. This presentation will review the variety of pump configurations, materials of construction, applications, and an in-depth discussion of how to read and understand performance curves. Effects of speed change will be reviewed and the corresponding effects on pump performance.
- **Water & Wastewater System Controls Options** A general overview of industry trends for the control of all aspects of equipment and water/wastewater treatment systems.
- **Basic Pump Operation** This portion of the workshop will focus on troubleshooting and diagnosis of common and not-so-common problems. Packing and greasing requirements will be discussed as will proper adjustments. New materials, bearings, and construction that will prolong service cycles will also be presented.

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

U.S. Post Office
First Class
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Nashville, Indiana

Return Service Requested

WORKSHOP
WATER & WASTEWATER PUMPS 101
March 25, 2010 — Elkhart, Indiana