

PRESORTED
STANDARD
U.S. POSTAGE
PAID
PELLA, IA
PERMIT NO. 89



WATER TREATMENT WORKSHOP

August 3 – Cherokee

Western Iowa Tech CC
200 Victory Drive

August 4 – New Hampton

City Community Center
112 East Spring Street

August 10 – Ottumwa

Bridgeview Center
102 Church Street

August 12 – Creston

Supertel Inn & Conference Center
800 Laurel Street

Course Sponsored by:

McClure Engineering Company



Iowa Rural Water Association

AGENDA

The Iowa Rural Water Association and McClure Engineering Company invite you to attend an upcoming Water Treatment Workshop. These one day educational workshops will begin with an overview of current water treatment issues and address current rules and regulations. Discussion will also include availability and use of different treatment options, and the importance of capital improvement plans for water treatment systems.

Attendees of this workshop will be eligible for 5 CEU hours in Water Treatment.

All training is FREE.

However, there is a \$10.00 CEU processing fee.

- 8:30 – 9:00..... Registration, Coffee
- 9:00 – 10:00..... Overview of Current Water Treatment Issues: Surface & Groundwater Systems – McClure Engineering Co.
- Long Term 2 Enhanced Surface Water Treatment Rule (LT2ESWTR)
 - Disinfection/Disinfection Byproducts (D/DBP) Rule
 - Lead & Copper Rule
 - Nitrates
 - Radionuclides
 - Groundwater Disinfection Rule
- 10:00 -10:30 Improving your Chemical Feed Systems – McClure Engineering Co.
- 10:30 -10:45 Break
- 10:45 -11:30 UV Disinfection & Applications – MC2/Trojan
- 11:30 -12:00 Coagulation & Flocculation – Vessco
- Chemistry of Coagulation
 - Mixing Options
 - Flocculation Options
- 12:00 – 12:30..... Lunch [Courtesy of McClure]
- 12:30 -1:15 Clarification & Filtration – Vessco
- Sedimentation
 - DAF
 - High Rate Clarifiers
 - Granular Media Filters
- 1:15 -2:00 Membrane Processes & Applications – Gurney /Pall Corp
- 2:00 - 2:15 Break
- 2:15 - 3:00 CIP the Importance of a Strong Game Plan – McClure Engineering Co.
- 3:00 - 3:15 CEU's

WATER TREATMENT WORKSHOP REGISTRATION

Name: _____

City/System: _____

Address: _____

Phone: _____

Fax: _____

E-mail: _____

Please mark the class you will be attending.

- August 3 - Cherokee
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- August 10 - Ottumwa
- August 12- Creston

**Register on-line at
www.iowaruralwater.org
or**

**Complete registration form and return
along with payment to:**

**Iowa Rural Water Association
4221 S. 22nd Ave East
Newton, IA 50208
Fax: 641-787-0331**

**QUESTIONS?
Call IRWA at 1-800-747-7782**

