



IOWA WATER CENTER
at IOWA STATE UNIVERSITY

An Invitation to the Western Iowa Source Water Protection and Collaboration Workshop

Location - *The Hole N' The Wall Lodge*
14396 Diamond Avenue, Akron, IA 51001
Phone: 712-568-1010
URL: <http://www.holenthewalllodge.com/>

Date - *September 3, 2009*

Do you want to learn more about protecting your drinking water supplies?

The workshop objective is to provide a collaboration opportunity for local municipal officials and planners, land use planners, water district members, water system owners and operators, and other individuals who are interested in addressing drinking water resource challenges. The following items will be addressed:

- Local source water protection projects
- New techniques for identifying contaminant sources
- Funding opportunities to support drinking water source protection

This one day workshop will include presentations and working sessions. Featured speakers and discussion panel members include agricultural conservation practice experts, drinking and ground water professionals, and state and federal agency staff.

The workshop is **free** and Certified Operator training contact hours are included for drinking water treatment plant operators. Limited overnight housing is available at the Lodge to workshop participants who must travel long distance; rooms are available on a first-come, first-served basis. For more information on housing and to make your reservation, please contact The Hole N' The Wall Lodge. Alternate lodging can be found in Sioux City (35 miles away) and Le Mars (23 miles away).

Workshop Partners: The U.S. Environmental Protection Agency, the Iowa Department of Natural Resources, Iowa Department of Public Health, U.S. Department of Agriculture Natural Resources Conservation Service, Iowa Department of Agriculture and Land Stewardship, Iowa Department of Education, Iowa Water Center, and Pheasants Forever.

To register for the workshop, please send your name, affiliation, mailing address, phone number, fax number, and email address in an email message, a fax, or a note to:

Mr. Chi Ho Sham, Ph.D.
The Cadmus Group, Inc.
57 Water Street, Watertown, MA 02472
Phone: 617-673-7156 Fax: 617-673-7356
Email: ChiHo.Sham@cadmusgroup.com

There is no registration fee if you register before August 20, 2009. After that date, a \$20 late fee, payable to Pheasants Forever, will be imposed. Please register at your earliest convenience.



**Western Iowa Source Water Protection and Collaboration Workshop
At Hole N' The Wall Lodge, Akron, IA
September 3, 2009
Agenda**

Objective: The objective of this workshop is to provide a collaboration opportunity for local municipal officials, land use planners, water district members, water system owners and operators, and other individuals who are interested in addressing drinking water resource challenges.

9 to 9:15 AM – Welcome, Logistics, Overview of Workshop

9:15 to 10 AM – “Nitrate in Drinking Water - What are the Health Concerns?”

Dr. Peter Weyer, Associate Director of the Center for Health Effects of Environmental Contamination

10 to 10:45 AM – “Hydrogeology Basics for Protecting Underground Sources of Drinking Water in Western Iowa”

Bob Drustup, Sr. Environmental Engineer, Iowa Department of Natural Resources (IDNR), Contaminated Sites Section

10:45 to 11 AM – Break

11 to 12 NOON – “From Source Water Assessment to Protection with a Case Study of Remsen, IA”

Dr. Chi Ho Sham, Senior Scientist, The Cadmus Group and Steve Pick, Remsen Utilities Director, Remsen

12 noon to 1:15 PM – Lunch (provided)

Lunch time presentation “Source Water Protection Efforts at Remsen, IA”

Daniel Cook, Sr. Environmental Specialist, IDNR, Contaminated Sites Section

1:15 to 2:15 PM – Interactive Panel and Audience Discussion on Collaboration Opportunities to Protect Your Drinking Water Sources

Panel Members: IDNR Source Water Protection Program (Becky Ohrtman), IDNR Water Supply Program (Dennis Alt), Iowa Department of Public Health (Stuart Schmitz), Natural Resources Conservation Service (Marty Adkins), City of Remsen (Steve Pick), and Pheasants Forever (John Linquist)

2:15 to 3:15 PM – Panel Presentation and Interactive Audience Discussion on Identification of Funding/Finance Opportunities to Implement Your Source Water Protection Efforts

Panel Members: IDNR Drinking Water/Clean Water State Revolving Fund program (Patti Cale-Finnegan), Iowa Department of Agriculture and Land Stewardship (TBD), U.S. Department of Agriculture (USDA) Rural Development – State Office (Penny Douglas), Iowa Department of Economic Development (Hank Manning), and Pheasants Forever (John Linquist)

3:15 to 4 PM – Open Question & Answer Session on How to Identify Local Opportunities and Partners for Source Water Protection; Next Steps and Determination of Future Actions; Evaluation and Wrap Up