

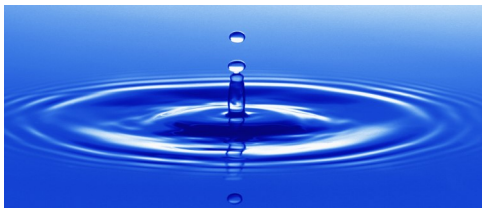
This Training Session Will increase your knowledge on identifying leaks on water mains or force mains for sewer. You will learn the theory of leak detection, how to identify a leak, and how to utilize available equipment for locating lines and leaks.

By attending, you will also learn how to conduct a water audit of your system. The audit will assist you in determining water loss, cost of water production, cross connections, and employing water conservation methods.

We will touch on some of the general aspects of conventional water rate setting methods and give you guidance on where to find more detailed information.

NOTE:

Please bring a high visibility vest if you have one available, as we will be conducting part of the class out in the distribution system and we may have to be in the streets at times.



Pre-Registration

Please e-mail MRWS “ASAP”
at: MRWS@Bresnan.net
w/Your Name & System You are
Attending from.

Session is FREE of Charge!



*This training session is designed for
“Awareness Training” and is not intended
to be your only source for information!*

Montana Rural Water Systems

Presents

2018 Leak Detection, Water Audits, And Water Loss Management Workshop

Speakers Include:

Cory Simonson
Utility Services

Nick Clos
MRWS Circuit Rider

Julie Allen
MRWS Water Training Specialist

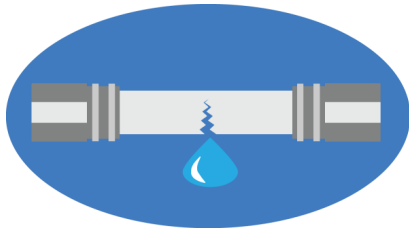
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No Registration Fee !!

Dates & Locations:

Libby, MT.
Tuesday, Sept. 11th, 2018
@
City of Libby
Ponderosa Room
952 E. Spruce St
Libby, MT 59923



ADA Meeting Announcement Statement:

MRWS will make reasonable accommodations for persons with disabilities who wish to participate in this public training. If you would like to request an accommodation, contact Julie Allen at least 5 days prior to the event to advise us of the nature of the accommodation that you need.

Montana Rural Water Systems

925 7th Avenue North
Great Falls, MT. 59405

Phone: 406-454-1151

Fax: 406-454-3116

E-mail: mrws@bresnan.net

Website: www.mrws.org

For additional information contact:
Julie Allen @ 406-438-2070

Morning Session

8:00 AM Registration

8:30 AM - Water Loss Management

- ⇒ Controlling Water Loss
- ⇒ Water Conservation
- ⇒ Reducing Water Costs

10:00 AM - Water Audits

- ⇒ Water Audits—Why, How, Where
- ⇒ Reducing Water Loss/Costs
- ⇒ Setting Water Rates—Why, How

11:00 AM - Cross Connection/Backflow

- ⇒ Identifying Cross Connections
- ⇒ Types of Devices



(12:00 - 1:00 PM - Lunch on Your Own)

Afternoon Session (1:00—4:30 pm)

Introduction and questions:

- ◆ What experience does your Utility have in conservation audits & utility locating
- ◆ Structured plan/approach to surface and repair

General discussion about leak behavior

- ◆ Not all leaks surface
- ◆ Various challenges with different soils and surfaces

New technology in utility locating:

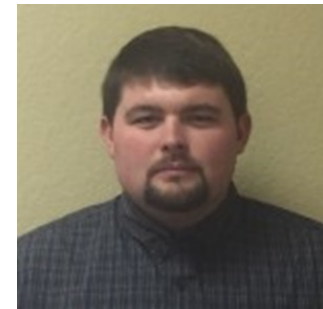
- ◆ **Importance of Maps**
 - ◆ GPS
 - ◆ Acoustic microphones
- ◆ **Correlators**
 - ◆ The good and the bad
 - ◆ Transmitters and receivers

Hands-on training with utility locating instruments, acoustic microphones, and Digital Correlators.

⇒ **Training Ends @ 4:30 pm**

About Our Speakers:

Cory Simonson joined USA as a Field Technician in 2009 and currently works out of our Montana office, responsible for our Rocky Mountain and Great Plains states clients. Cory was promoted to Water Loss Consultant and acted as on-site project manager, coordinating with other technicians to maintain project continuity and quality assurance. He helped to develop and pilot our Segway survey methods. His primary responsibilities include consulting with clients on water conservation projects. In addition, he acts as technical adviser to USA field activity. He is a State of Montana Certified Operator: Water Distribution 2A, Water Treatment 3B. In his spare time, Cory likes to spend time in the outdoors hunting, fishing, and camping. He likes to work on projects, including re-building Toyota pickups.



NOTE: Due to the field portion of the training, morning & afternoon sessions may be swapped depending on weather conditions.