

# Registration Form

Please print or type (Please Provide Name of Each Registrant)

Name \_\_\_\_\_  
Title \_\_\_\_\_  
Representing \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Telephone \_\_\_\_\_  
Fax \_\_\_\_\_  
E-mail \_\_\_\_\_

**May 23, 2018**  
**Ralph Engelstad Arena**  
**525 Brooks Ave. N.**  
**Thief River Falls, MN**

**Check one:**  
Member: \$125.00 \_\_\_\_\_  
Non-Member: \$150.00 \_\_\_\_\_

**Mail completed form by May 18, 2018**  
Minnesota Rural Water Association  
217 12th Avenue SE  
Elbow Lake, MN 56531  
800-367-6792  
218-685-5272 (FAX)

**PRE-REGISTRATION IS REQUIRED!**  
Space is limited so please register early!

**Refund policy:** Full refund will not be given unless MRWA is notified 48 hours in advance.

MINNESOTA RURAL WATER  
ASSOCIATION PRESENTS

Hands-on Training

## Line Tracing Training Session



**May 23, 2018**  
**Thief River Falls, MN**

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Sponsored by Minnesota Rural  
Water Association &  
MRWA Corporate Partners

# LINE TRACING TRAINING SESSION

**MRWA is hosting Line Tracing Training Sessions during the 2018 training season.**

The training will consist of classroom time as well as hands-on field time.

**Whether you have line tracing equipment currently or plan to purchase in the future, this class will greatly benefit you.**



All attendees will be encouraged to bring their locating equipment.

Demo equipment will also be provided for hands-on field use.

All aspects of locating, for both conductive and non-conductive pipes, will be covered.

The intent of this course is for experienced locators and inexperienced locators to leave this session with a greatly improved confidence and understanding of line tracing.

## AGENDA

### 8:00am-9:00am

Explanation of January 1, 2006, Office of Pipeline Safety - state statute for Right-of-way locating requirements.

### 9:15am-10:00am

Introductions to line tracing equipment and **new line tracing specification explanation.**

### 10:00am-10:45am

Conductive line locating.

### 10:45am-11:30am

Inductive line locating.

### 11:30am-12:00pm

Point and radio frequency sonde locating for non-conductive piping.

### 12:00pm-1:00pm

Lunch (Provided)

### 1:00pm-4:00pm

Concurrent hands-on stations throughout host city, including:

- Water service locating (copper/plastic)
- Sewer service locating (plastic/conductive)
- Water main locating (conductive)
- Tracer wire locating (plastic pipe)

### 4:00pm

End of Day

#### Sponsored by MRWA Corporate Partners:

**Diamond Plus Level:** CORE & MAIN

**Diamond Level:** Copperhead & Kodru-Mooney

**Ruby Level:** Adaptor, Inc.; AE2S; Apex Engineering Group; Bolton & Menk, Inc.; Calibrations and Controls, a subsidiary of First Systems Technology; Dakota Supply Group; Hawkins Water Treatment Group Inc.; HR Green, Inc.; HydroCorp.; Jasper Engineering & Equipment Co.; KIM Engineering, Inc.; Moore Engineering, Inc.; Stantec; Team Lab; Ulteig; and VEGA Americas.

**Emerald Level:** Bollig, Inc.; DC Braun Co.; Electric Pump; Flexible Pipe Tool Co.; Flow Measurement & Control; Hydro-Klean, LLC; KLJ; McQueen Equipment; Metering & Technology Solutions; MSA Professional Services; Quam; Raymond James; Sensus USA; Short Elliott Hendrickson Inc.; Thompson Automation & Specialty Services; Visu-Sewer, Inc.; Water Conservation Services, Inc.; and Wiseth Smith Nolting; WSB; and WSP USA.

#### Program Details:

**Date:** May 23, 2018

**Time:** 10:00am—2:00pm

**Cost:** \$125.00 members OR \$150.00 for non-members

**Where:** Ralph Engelstad Arena  
525 Brooks Ave. N.  
Thief River Falls, MN

Register by calling: 800-367-6792

**6 Water OR 6 Wastewater Certification Hours Awarded for full-day attendance.**