

# FLORIDA RURAL WATER ASSOCIATION

2970 WELLINGTON CIRCLE WEST • SUITE 101 • TALLAHASSEE, FL 32309-6885  
(850) 668-2746  
<http://www.frwa.net>

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Dear FRWA Member:

The Florida Rural Water Association (FRWA) looks forward to working with your system to address your Inflow and Infiltration (I&I) concerns.

**In order for the FRWA staff to assist you in the smoke testing of your collection system, we request that you assemble the following materials prior to our arrival:**

1. **'LiquiSmoke' smoke product.** Liquismoke may be purchased from various suppliers including the *USA Blue Book*. If you choose to order from the *USA Blue Book*, you may contact them at (800) 548-1234  
Liquismoke One gallon jug Stock # 28459 Approx. \$50  
Five gallon bucket Stock # 28460 Approx. \$185
2. **Marking paint, wooden stakes, flags or other method of marking holes**
3. **Gasoline for the smoke blower**
4. **A camera and film or a camcorder** (if you desire photographs or tape)
5. **100 feet of 1/4 " or larger rope**
6. **At least six sewer plugs** (Large traffic cones work quite well, but can not be reused as cones, as we have to cut off the bases.)

In addition to compiling the list of materials, we will need you to provide the following: (We will confirm this prior to on-site trip to perform I&I reduction work.)

1. **Notification of the public, fire department, etc.** Non-notification of your customers could lead to a public relations and publicity problem. The Florida Rural Water Association is not liable for customer reactions to use of equipment or the assistance it offers. You may want to contact each customer individually, as well as include in your local paper, (see attached sample notification). Proof of notification will be required prior to starting work.
2. **Provide two or three people to be used as spotters during the smoke testing.** At least two helpers will be needed, who are capable of opening and closing manholes and carrying the smoke blowing machine from the truck to the manhole
3. **Involvement and assistance by the Fire Department can be very beneficial.**
4. **If you require cataloging of the collection system,** we ask that you number each manhole and provide a map to FRWA personnel. You will also be asked to provide multiple copies of the attached "Manhole Identification Sheet" (one for each manhole).

Upon completion of all requested items, please contact FRWA at (800) 872-8207 to schedule an appointment for FRWA to spend a day with your system to train your personnel or complete smoke testing depending upon system size. Most likely, you want to consider a three-day window to perform smoke testing in case weather doesn't allow testing on a specific day scheduled.

Again, FRWA looks forward to hearing from you and working with you on this worthwhile, important project.

Sincerely,  
FRWA Wastewater Section