

# SMALL SYSTEMS BULLETIN

MINNESOTA RURAL WATER ASSOCIATION  
-July 2016-

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Dear Lori,

Welcome to this edition of the *Small Systems Bulletin*. The purpose of this bulletin is to keep you informed on issues concerning your water system. We issue this bulletin quarterly. Topics covered in the bulletin include: operation and maintenance, treatment, backflow/cross-connections, regulations, operator training, management, and many others. Dates and locations of future workshops are included.



If you have suggestions about topics that you would find helpful give us a call at 800-367-6792 or send us an email at [kyle.kedrowski@mrwa.com](mailto:kyle.kedrowski@mrwa.com) or [jennifer.koenig@mrwa.com](mailto:jennifer.koenig@mrwa.com). Maybe you had a unique experience at your water system that you would like to write about and submit for the bulletin. We're always looking for volunteer writers! We hope this bulletin will be of assistance to you in operating your water system. **Watch for this quarterly newsletter and we'll see you at a future small system training workshop!**

## The Dreaded Flushable

by Rick Allen

**These are the new plague in our wastewater systems.**

What is a flushable? According to Webster, "FLUSHABLE" is anything that will not plug a toilet when you push the handle. That being said, many things are flushable, such as kid's toys, peoples dentures, blankets, jewelry and money, etc. Of course money and jewelry (real gold) are always acceptable when found in your bar screens. Another definition is anything that fits through a 4 inch pipe. Many things will fall into this category, including 2X4s or, in the case of one municipality, even a car fender. [Read more>>>](#)



Join Our

Mailing List

## Congratulations to the following:

**nontransient noncommunity and nonmunicipal community water operations specialists for passing the water certification exam!**

### Class C

- Edward Daoust - MCF Willow River
- Jordan Fuchs - GNP Company
- Justin Kurtz - GNP Company
- Eugene Peters - MCF Moose Lake
- David Thaemert - Hazelden Foundation

## Class D

- Guy Albers - MCF Faribault
- Lee Allex - Davis Family Dairies
- Stephen Bartolus - ISD No. 2142
- Franklin Birch - Country Home Trailer Park
- Andrew Clark - Gold'n Plump
- Craig Comes - Lac Qui Parle Valley High School
- Stephen Dennison - First District Association
- Jay Ellis - Greystone MHP, LLC
- Jason Fischer - Del Monte Foods, Inc.
- Nathan Fueston - Bluefin Bay
- Robert Hansen - ISD No. 911
- John Holtzman - Bluefin Bay
- Francis Karl - Minnesota Department of Corrections
- Jason Krenz - Del Monte Foods, Inc.
- Benjamin Marx - International Paper Shakopee Container
- Ben Peterson - AI-Corn
- Doug Piepgras - Clearwater Forest, LLP
- Charles Schmitt - I.F.P.
- Todd Shaw - 3M Cottage Grove
- James Stodola - MCF Stillwater
- Jacob Stone - Stillwater Area Public Schools

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## The QUIZ SPOT

**1. Which of the following terms refers to excessive internal pressure, which may be several times the normal operating pressure and can seriously damage hydropneumatic tanks, valves, and the piping network?**

- a. Air charge
- b. Flow rate pressure
- c. Water hammer
- d. Hydraulic charge

**2. The Health Department requires a minimum of how much free chlorine residual at distant points of the distribution system?**

- a. 0.01 ppm
- b. 0.2 ppm
- c. 1.0 ppm
- d. 2.0 ppm

**3. What is the minimum water main pipe diameter for fire protection?**

- a. 12 inch
- b. 8 inch
- c. 6 inch
- d. 16 inch

*answers: 1-c, 2-b, 3-c*

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**YOU MUST PRE-REGISTER FOR THESE CLASSES:**

To register: Call our office at: 800-367-6792 - OR - Online at: [www.mrwa.com](http://www.mrwa.com)

*\*All Class D & E training sessions are subject to cancellation because of low attendance.*

*4 certification hours awarded for Class E training for full attendance and 8 certification hours awarded for Class D training for full attendance.*

## Upcoming Training Sessions

### Class E Training (8am - Noon)

**August 17, 2016 -**

Immanuel Lutheran Church & School  
4656 State 200 NW, Walker, MN

**October 25, 2016 -**

Two Harbors Community Building  
417 South Avenue, Two Harbors, MN

**November 22, 2016 -**

Cologne Community Center  
1211 Village Parkway, Cologne, MN

**December 6, 2016 -**

Hastings City Hall  
101 4th Street East, Hastings, MN

**December 14, 2016 -**

Minnesota Department of Health - Bemidji District Office  
705 5th Street NW, Suite A, Bemidji, MN

### Class D Training (8am - 5pm)

**September 14, 2016 -**

Maple Grove Public Works  
9030 Forestview Lane North, Maple Grove, MN

**September 27, 2016 -**

SJE-Rhombus  
22650 County Hwy 6, Detroit Lakes, MN

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Sincerely,

Kyle Kedrowski & Jennifer Koenig  
Minnesota Rural Water Association

Minnesota Rural Water Association, 217 12th Avenue SE, Elbow Lake, MN 56531

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