PN Website Items and Policy on Loss of Positive Pressure Situations

2015 AWWA/WWOAP SE Meeting
Presented by Deb Rotz
Session Objectives

• Identify selected items are available on the PN website.
• Discuss why the Loss of Positive Pressure policy was developed.
• Walk through the policy and discuss the associated AWWA Standard C-651-05 – *Disinfecting Water Mains*. 
• Use the policy to make decisions about follow-up actions and compliance determinations.

• Answer any additional questions about the PN revisions.
Accessing PN Webpage

Access DEP Main Home Page

Click on "P" for Public Notification
Public Notification

- General Information about Public Notification (PN)
- PN Certification Form
- Tier 1 PN Templates
- Boil Water Advisory (BWA) Resources
- Tier 2 PN Templates
- Tier 3 PN Templates
- Health Effects Language for PN
- O&M Plan and ERP Templates
- Automatic Telephone Dialing Service Purchase Considerations
- EPA Contaminant Fact Sheets
- PN Guidelines, Handbook and Regulations
- 2010 PN Revisions, Training Resources

General Information About Public Notification (PN)

When and why was the public notification (PN) rule revised?

The PN rule became effective on May 6, 2002 and was published in Chapter 109 in August 2002. PN requirements were revised to provide for different delivery deadlines of notices based on the persistence of the violations and the seriousness of any potential adverse health effects that may be involved. In 2009, DEP revised the PN Rule to improve the delivery of Tier 1 public notices and the planning requirements under the Operation and Maintenance (O&M) plan and Emergency Response Plan (ERP). The revisions were published in Chapter 109 on May 9, 2009. Click here (PDF) to view a summary of the revisions. Note that the direct delivery requirements for Tier 1 public notices become effective May 19, 2010. All other revisions are effective May 9, 2009.
Item #1: PN Certification form

What information is required in the PN Certification?

The PN Certification form fulfills the certification requirements for PN. It must be submitted to DEP within 10 days of the required PN delivery time frame.

How can PWSs prepare for PN before a violation or situation occurs?
**Tier 1 PN Templates**

All Tier 1 PN Notices are located on DEP's eLibrary.

**Failure of a key water treatment process involving filtration or disinfection** (3800-FM-BSDW0494)
Template and instructions for completing a Tier 1 notice for the failure of a key water treatment process involving filtration or disinfection.

**Failure of a key water treatment process involving nitrate removal** (3800-FM-BSDW0495)
Template and instructions for completing a Tier 1 notice for the failure of a key water treatment process involving nitrate removal.

**GUDI sources** (3800-FM-BSDW0496)
Template and instructions for completing a Tier 1 notice for GUDI sources.

**Failure to Meet Disinfection Treatment Requirements for GW and SW systems** (3800-FM-BSDW0151)
Template and instructions for completing a Tier 1 Notice for the failure to meet disinfection treatment requirements for groundwater and surface water systems.

**Presence of E. coli in a Groundwater Source when 4-log Treatment of Viruses is not Provided** (3800-FM-WSFR0150)
Template and Instructions for completing a Tier 1 Notice for the Presence of E. coli in a Groundwater Source when 4-log Treatment of Viruses is not Provided.

**Failure to provide the level of Cryptosporidium Treatment that is appropriate for the System’s Bin Classification** (3800-FM-WSFR0153)
Template and instructions for completing a Tier 1 Notice for the failure to provide the level of Cryptosporidium Treatment that is appropriate for the System’s Bin Classification.
Item #3: O&M and ERP Templates

O&M Plan and ERP Templates

- Emergency Response Plan for Public Water System
- Operation and Maintenance Plan for Public Water System
PN Guidances, Handbook and Regulations

Policy for Determining When Loss of Positive Pressure Situations in the Distribution System Require One-Hour Reporting to the Department and Issuing Tier 1 Public Notification (PDF) (383-2129-004) -- DEP’s technical guidance for evaluating and responding to possible contamination of water distribution systems during loss of positive pressure situations. This guidance includes the criteria for one hour reporting and Tier 1 Public Notification.

Policy for Issuing and Removing Water Supply Warnings (PDF) (383-2129-005) -- DEP’s technical guidance for issuing and removing water supply warnings. This guidance includes EPA’s health advisory levels and acute health effects language. Water suppliers are required to insert acute health effects language into a Tier 1 PN when EPA health advisory levels are exceeded.

PN Handbook for Community Water Systems (PDF) -- DEP’s comprehensive handbook that describes all public notice requirements including the PN revisions that were published in the PA Bulletin on 05/09/09.

2012 Edition of the Drinking Water Standards and Health Advisories -- U.S. Environmental Protection Agency

PA DEP Public Notification Revisions Regulations Final Rulemaking (5/9/09) -- PN Revisions Final Rulemaking was published in the PA Bulletin on 05/09/09. The Chapter 109 rule revisions are effective May 9, 2009 except those published under 109.408(d) (New direct delivery requirements for Tier 1 public notices) which will become effective May 10, 2010.
2010 PN Revisions Training Resources

2010 PN Revisions Training Workbook -- This workbook contains the course material from the 2010 PN Revisions course for water suppliers.

2010 PN Revisions Training Q & A (Word) -- This document summarizes specific questions DEP received during the 19 PN Revisions training sessions that occurred in 2010.
Loss of Positive Pressure Policy

• Reviewing the workbook
• Reviewing the Policy
• Completing a scenario
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