



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION



Office of Water Management

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.*

Session Objectives (con't)

- Use the policy to make decisions about follow-up actions and compliance determinations.
- Answer any additional questions about the PN revisions.

Accessing PN Webpage

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

ONLINE SERVICES

Log In
About DEP
Newsroom
DEP Programs A - Z
Air

Welcome Department
DEP is large...
...drinking water...
...that waste is ha...
...advanced energy technology and help the commonwealth's citizens prevent
...pollution and comply with Pennsylvania's environmental regulations...

Access DEP Main Home Page
Click on "P" for Public Notification

PN Main Page

The screenshot displays the Pennsylvania Department of Environmental Protection website. At the top left is the state logo and the text "pennsylvania DEPARTMENT OF ENVIRONMENTAL PROTECTION". A navigation bar includes "pennsylvania PA", "PA STATE AGENCIES", "ONLINE SERVICES", and a search box. Below the navigation bar is a breadcrumb trail: "Home > Water > Bureau of Safe Drinking Water > Drinking Water Management > Public Drinking Water > Public Notification".

The main content area is titled "Public Notification" and features a list of links:

- [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 Guidances, Handbook and Regulations](#)
- [2010 PN Revisions Training Resources](#)

To the right of this list is a circular image of a water faucet with water flowing. Below the list is a section titled "General Information About Public Notification (PN)" with the sub-heading "When and why was the public notification (PN) rule revised?". The text explains that the PN rule became effective on May 6, 2002, and was revised in August 2002 and May 9, 2009. It notes that direct delivery requirements for Tier 1 public notices became effective May 10, 2010.

On the right side of the page is a "Bureau of Safe Drinking Water Topics" sidebar with a tree structure:

- ▼ Bureau of Safe Drinking Water Topics
 - ▼ Bureau of Safe Drinking Water
 - ▼ Drinking Water Management
 - ▶ Drinking Water Regulations, Standards & Resources
 - ▶ Regulations
 - ▼ Public Drinking Water
 - Public Notification
 - Fluoride
 - Bottled, Vended, and Bulk Water Systems
 - Emerging Contaminants
 - Surface Water Filtration
 - Drinking Water Electronic Lab Reporting System
 - Drinking Water Emergencies
 - Lead in Drinking Water
 - Chloramine in Drinking Water
 - Arsenic in Drinking Water
 - Consumer Confidence Reports
 - CCR Violations Report Field Descriptions
 - ▶ Waterborne Diseases
 - ▶ Private Water Wells
 - ▶ Operator Certification

A left-hand navigation menu lists various departments: Log In, About DEP, Newsroom, DEP Programs A - Z, Air, Energy, Environmental Cleanup & Brownfields, Mining, Oil and Gas, Radiation Protection, Waste, and Water. Under the "Water" category, several bureaus are listed, including the Bureau of Safe Drinking Water.

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?

Item #2: Tier 1 PN Templates

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](#)

Item #4: PN Guidances

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.

Item #5: PN Training Resources

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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