

## Drinking Water Website



### Objectives:

The purpose of this session is to:

- Highlight selected areas of the Drinking Water website.
- Provide steps for finding topics on the Drinking Water website.

### Drinking Water Management Home Page

#### Search Criteria:

Visit DEP's home page at:

[http://www.portal.state.pa.us/portal/server.pt/community/dep\\_home/5968](http://www.portal.state.pa.us/portal/server.pt/community/dep_home/5968)

Click on the DEP Programs A – Z link on the left.

Click on "D" for drinking water.

Click on the "Drinking Water" link.

The screenshot shows the Pennsylvania Department of Environmental Protection (DEP) website. At the top left is the DEP logo, which includes a stylized sun and water. To the right of the logo is the text "pennsylvania" in a large font, with "DEPARTMENT OF ENVIRONMENTAL PROTECTION" in a smaller font below it. Below the logo and text is a navigation menu with the following items: "About DEP", "Newsroom", "DEP Programs A - Z", "Air", "Energy", "Mining", and "Oil & Gas". A callout box with an arrow points to the "DEP Programs A - Z" link. To the right of the navigation menu is a search bar with the text "DEP Search (keyword)" and a "GO" button. Below the search bar is a "Log In" link. The main content area of the page has a dark background with the text "Welcome to the Pennsylvania Department of Environmental Protection" in a large, bold font. Below this text is a paragraph of introductory text: "DEP is largely responsible for administering Pennsylvania's environmental laws and regulations. Each day, the department works to reduce air pollution; make sure our drinking water is safe; protect the water quality in our rivers and streams; make sure that waste is handled properly; support revitalization; promote advanced energy commonwealth's citizens prevent pollution and a's environmental regulations."

# DEP programs A-Z

DEP Programs A-Z

Click on the "D" for Drinking Water

Click on "Drinking Water" link

<p><a href="#">DAM SAFETY</a></p> <p><a href="#">DAMS</a></p> <p><a href="#">DATA EXCHANGE</a></p> <p><a href="#">DATA SOLICITATION 2012</a></p> <p><a href="#">DECOMMISSIONING AND SURVEILLANCE DIVISION</a></p> <p><a href="#">DEEP MINE SAFETY</a></p> <p><a href="#">DEP GREENPORT</a></p> <p><a href="#">DIESEL</a></p>	<p><a href="#">DMS</a></p> <p><a href="#">DOCK ST. DAM</a></p> <p><a href="#">DOD AGREEMENT</a></p> <p><a href="#">DFEP</a></p> <p><a href="#">DRINKING WATER</a></p> <p><a href="#">DRINKING WATER CCR DATA</a></p> <p><a href="#">DRINKING WATER REPORTING SYSTEM</a></p> <p><a href="#">DROUGHT</a></p>
--	--

Home > Water > Water Standards and Facility Regulation > Drinking Water Management

## Drinking Water Management

**What's New.....**

9/7/11

**NEW** DEP has created the [Monitoring Plan for the Disinfectants-Disinfection Byproducts Rules Form and Instructions](#) files (3800-FM-WSFR0473). These 2 separate files contain a Stage 2 D/DBP monitoring plan template and instructions for completing this template. The instructions provide the regulatory requirements and deadlines for completing the monitoring plan.

Click on links under "What's New...." or under the links for subtopics the right

**Water Standards and Facility Regulation Topics**

- ▼ Water Standards and Facility Regulation
  - ▼ Drinking Water Management
    - ▶ -- Drinking Water Topics A-Z
    - ▶ -- Program Activities Reports
    - ▶ Regulations
    - ▶ Drinking Water Regulations, Standards & Resources
    - ▶ Waterborne Diseases
    - ▶ Public Drinking Water
    - ▶ Partnership for Safe Water
    - ▶ Filter Plant Performance Evaluation
    - ▶ Operator Certification
    - ▶ About Water Supply
    - ▶ Wastewater Management
    - ▶ Emergency Preparedness for Water and Wastewater Facilities

- Drinking Water home page contains a "What's New..." area and the right side banner contains links to subtopics under the Drinking Water pages.

## Drinking Water Topics A – Z link

### Search Criteria:

#### Visit DEP's home page at:

[http://www.portal.state.pa.us/portal/server.pt/community/dep\\_home/5968](http://www.portal.state.pa.us/portal/server.pt/community/dep_home/5968)

Click on the DEP Programs A – Z link on the left.

Click on "D" for drinking water.

Click on the "Drinking Water Topics A – Z" link on the right.

The screenshot shows the DEP website's "Drinking Water Management" section. On the right, a navigation menu titled "Water Standards and Facility Regulation Topics" includes a link for "Drinking Water Topics A-Z". A callout box points to this link with the text: "Click on the 'Drinking Water Topic A-Z' link to access the specific location of drinking water topics within the Drinking water web pages." Below the menu, a "What's New....." section contains two news items. The first, dated 8/24/11, mentions a "2011 Lead Ban Surveillance Report". The second, dated 6/14/11, mentions a "Drinking Water Topic Links A-Z" document. A second callout box points to this document with the text: "Click on the 'Drinking Water Topic Links A-Z' link to access the specific location of drinking water topics within the Drinking water web pages." The "What's New" section also includes a "Evaluation" sub-section with various links like "Operator Certification", "About Water Supply", "Wastewater Management", "Emergency Preparedness for Water and Wastewater Facilities", "Municipal Finance", "Water Quality Standards", and "Innovative Water Technology".

Drinking Water Management

Water Standards and Facility Regulation Topics

- ▼ Water Standards and Facility Regulation
  - ▼ Drinking Water Management
    - Drinking Water Topics A-Z
    - Program Activities Reports
    - ▶ Regulations
    - ▶ Drinking Water Regulations,

Click on the "Drinking Water Topic A-Z" link to access the specific location of drinking water topics within the Drinking water web pages.

What's New.....

8/24/11

**NEW** DEP has completed the [2011 Lead Ban Surveillance Report](#).

6/14/11

**NEW** DEP has created a file entitled [Drinking Water Topic Links A-Z](#). This file contains links to drinking water topics found primarily on DEP's drinking water web pages. Some topics like operator certification apply to wastewater operators too. There are a few links that connect to other sites outside of the drinking water web pages.

Evaluation

- ▶ Operator Certification
- ▶ About Water Supply
- ▶ Wastewater Management
- ▶ Emergency Preparedness for Water and Wastewater Facilities
- ▶ Municipal Finance
- ▶ Water Quality Standards
- ▶ Innovative Water Technology

- Drinking Water Topic Links A – Z document provides direct links to the specific drinking water topics.

**Search Criteria:**

Visit DEP's home page at:

[http://www.portal.state.pa.us/portal/server.pt/community/dep\\_home/5968](http://www.portal.state.pa.us/portal/server.pt/community/dep_home/5968)

Click on the DEP Programs A – Z link on the left.

Click on "D" for drinking water.

Click on the "Regulations" link on the right.

The screenshot shows the DEP Regulations Homepage. On the left, under "Drinking Water", there is a section for "New Regulations" with two entries: "Interim Enhanced Surface Water Treatment Rule (IESWTR)" and "Long Term 1 Enhanced Surface Water Treatment Rule (LT1ESWTR)". On the right, a "Water Standards and Facility Regulation Topics" menu lists various categories, including "Regulations" which contains a list of 9 specific rules. A central text box with arrows pointing to the "Regulations" menu item states: "There are currently 9 regulations that have their own separate pages."

- There are 9 regulations that have separate pages:
  - Lead and Copper Rule
  - Interim Enhanced Surface Water Treatment Rule
  - Long Term 1 Enhanced Surface Water Treatment Rule
  - Long Term 2 Enhanced Surface Water Treatment Rule
  - Stage 1 Disinfectants/Disinfection Byproducts Rule
  - Stage 2 Disinfectants/Disinfection Byproducts Rule
  - Filter Backwash Recycling Rule
  - Radionuclide Rule
  - Groundwater Rule
  
- In the future, we will combine all the Surface Water Treatment Rules under a "Surface Water" Rules page.
- We will combine all the Disinfectants/Disinfection Byproducts Rule under a "Disinfectants/Disinfection Byproducts" Rules page.

## Lead and Copper Rule Page

Search Criteria:

Visit DEP's home page at:

[http://www.portal.state.pa.us/portal/server.pt/community/dep\\_home/5968](http://www.portal.state.pa.us/portal/server.pt/community/dep_home/5968)

Click on the DEP Programs A – Z link on the left.

Click on "L" for lead and copper rule.

Click on the "Lead and Copper Rule" link.

Home > Water > Water Standards and Facility Regulation > Drinking Water Management > Regulations > Lead and Copper Rule

### Lead and Copper Rule

- [Overview of the Lead and Copper Rule \(LCR\)](#)
- [LCR Reference Guide](#)
- [LCR Monitoring](#)
- [Treatment Technique Requirements](#)
- [Lead Public Education](#)
- [Simultaneous Compliance](#)
- [Regulation and Guidance](#)

Water Standards and Facility Regulation Topics

- ▼ Water Standards and Facility Regulation
  - ▼ Drinking Water Management
    - ▼ Regulations
      - Lead and Copper Rule
        - Interim Enhanced Surface Water Treatment Rule
        - Long Term 1 Enhanced Surface Water Treatment Rule
        - Long Term 2 Enhanced Surface Water Treatment Rule

Links to various resources on these Lead and Copper Rule pages

- The Lead and Copper Rule pages were developed in 2011 and contain links to DEP and EPA resources.

### 1) Lead and Copper Rule Reference Guide document

Search Criteria:

Visit DEP's home page at:

[http://www.portal.state.pa.us/portal/server.pt/community/dep\\_home/5968](http://www.portal.state.pa.us/portal/server.pt/community/dep_home/5968)

Click on the DEP Programs A – Z link on the left.

Click on "L" for lead and copper rule.

Click on the "Lead and Copper Rule" link.

#### LCR Reference Guide

This [Lead and Copper Rule Quick Reference Guide \(PDF\)](#) is a general reference guide to the major provisions of the Lead and Copper Rule.

- This reference guide is found on the LCR page and provides an overview of the general requirements of the LCR.

## 2) Consumer Tap Notice for Lead Results and Certification form

Search Criteria:

Visit DEP's home page at:

[http://www.portal.state.pa.us/portal/server.pt/community/dep\\_home/5968](http://www.portal.state.pa.us/portal/server.pt/community/dep_home/5968)

Click on the DEP Programs A – Z link on the left.

Click on "L" for lead and copper rule.

Click on the "Lead and Copper Rule" link.

Click on the "LCR Monitoring" link at the top of the Lead and Copper Rule page.

**LCR Monitoring**

[Instructions and Template for Consumer Tap Notice for Lead Results](#) ←

Chapter §109.1104(b) requires community water systems to deliver a consumer tap notice of lead tap water monitoring results to persons served by the water at sites that are sampled. This document provides instructions and a template for this consumer tap notice. Additionally, the water supplier shall submit to DEP within 3 months of the end of the monitoring period in which lead tap monitoring was conducted a sample copy of the consumer notice of lead tap monitoring results along with a [certification form \(3800FM-WSFR0205\) \(Word\)](#) that the notices were distributed by mail or by another method approved by DEP. ←

Template and instructions for consumer tap notice of lead results and certification form

- As a result of the Lead and Copper Rule Short-term revisions, water suppliers are required to deliver a consumer tap notice of lead tap water monitoring results to persons served by the water at sites that are sampled.

## 3) Lead Public Education Links and Resources

Search Criteria:

Visit DEP's home page at:

[http://www.portal.state.pa.us/portal/server.pt/community/dep\\_home/5968](http://www.portal.state.pa.us/portal/server.pt/community/dep_home/5968)

Click on the DEP Programs A – Z link on the left.

Click on "L" for lead and copper rule.

Click on the "Lead and Copper Rule" link.

Click on the "Lead Public Education" link at the top of the LCR page.

## Lead Public Education (PE)

Community water systems and nontransient noncommunity water systems that exceed the lead action level in their 90th percentile value are required to deliver lead PE materials

### Lead Public Education (PE)

Applicability	Systems that exceed the Pb AL based on the 90th percentile value.
PE Material Content	<ul style="list-style-type: none"><li>• Must meet EPA requirements established under 40 CFR 141.95(a)(1) and (2). EPA has developed numerous documents and PE material templates that are located at this site: <a href="#">LCR Compliance Help</a>.</li><li>• NTNCWS and CWSs that receive DEP approval to follow the NTNCWs delivery methods may use the "<a href="#">Instruction &amp; template for NTNCWs Lead PE Poster</a>" (3800-FM-WSFR0137) (Word)</li></ul>
Delivery Method	<ul style="list-style-type: none"><li>• System must submit copies of PE materials to DEP prior to delivery.</li><li>• CWSs: deliver materials to bill-paying customers and post lead information on water bills, work in concert with local health agencies to reach "at-risk" populations (children, pregnant women), deliver to other organizations serving "at-risk" populations, provide press releases, include new outreach activities from §109.1104(a)(2)(i)(H), and post PE materials to website if system serves &gt; 100,00 people.</li><li>• NTNCWSs: Posting and distribution to all customers (can be electronic).</li></ul>

- Community water suppliers required to deliver a lead public education program should use the EPA link to access lead public education templates.
- Noncommunity water suppliers required to deliver a lead public education program can use the "Instructions & Template for NTNCWs Lead PE poster" link to complete their Lead PE poster.

## 4) LCR Short-term Revisions Summary document

Search Criteria:

Visit DEP's home page at:

[http://www.portal.state.pa.us/portal/server.pt/community/dep\\_home/5968](http://www.portal.state.pa.us/portal/server.pt/community/dep_home/5968)

Click on the DEP Programs A – Z link on the left.

Click on “L” for lead and copper rule.

Click on the “Lead and Copper Rule” link.

Click on the “Regulations and Guidance” link at the top of the LCR page.

### Regulations and Guidance

#### Subchapter K of Chapter 109

- This subchapter establishes treatment technique requirements that include requirements for corrosion control treatment, lead service line replacement and public education. These requirements are triggered, in some cases, by samples collected at consumers' taps which exceed a lead or copper action level.
- This subchapter applies to community water systems and nontransient noncommunity water systems. For purposes of this subchapter, the systems are classified as either large, medium or small, based on the population served by the system. A large water system serves more than 50,000 persons. A medium water system serves more than 3,300 and fewer than or equal to 50,000 persons. A small water system serves 3,300 or fewer persons.
- A community or nontransient noncommunity water system which is a consecutive water system shall comply with this subchapter regardless of the compliance status of any public water system from which finished water is obtained. Each interconnection with a public water system from which finished water is obtained is considered source water for the receiving public water system and is subject to the monitoring, corrosion control treatment and source water treatment requirements under this subchapter.

DEP has created a Lead and Copper Rule Short-term Revisions (LCRSTR) summary document that describes each revision and includes the Chapter 109 page number of the online Chapter 109 version. These revisions were published in the PA Bulletin on December 18, 2010 and are now incorporated into Chapter 109.

**Lead and  
Copper Rule  
Short-term  
Revisions  
(LCRSTR)  
document**

- The Lead and Copper Rule Short-term Revisions summary document is a 6-page document that describes each new revision to the existing Lead and Copper Rule. The revisions were published in the *PA Bulletin* on December 18, 2010. The Chapter 109 page numbers are included from the current online Chapter 109 document.

- Here's an example of what is included in the LCRSTR summary document.

#### **Consumer Tap Notice of Lead Results**

Under 109.1104(b)(1), a CWS must deliver a consumer tap notice of lead tap water monitoring results to persons served by the water at sites that are sampled.

The consumer notice must include:

- 1) Results of lead tap water monitoring for the tap that was sampled.
- 2) Lead health effects language.
- 3) List of steps consumers can take to reduce exposure to lead in drinking water.
- 4) Water system contact information.
- 5) Action Level and Maximum Contaminant Level Goal definitions. **Page 109-175**

Under 109.1104(b)(2), a water supplier shall provide the consumer notice within 30 days after the supplier learns of the tap monitoring results. **Page 109-175**

Under 109.1104(b)(3), the consumer tap notice shall be delivered to persons served at the tap that was sampled either by mail or by another method approved by DEP. The system shall provide notice to all persons served by the tap that was sampled, including consumers who do not receive water bills. **Page 109-175**

## Stage 2 Disinfection/Disinfection Byproducts Rule Page

Search Criteria:

Visit DEP's home page at:

[http://www.portal.state.pa.us/portal/server.pt/community/dep\\_home/5968](http://www.portal.state.pa.us/portal/server.pt/community/dep_home/5968)

Click on the DEP Programs A – Z link on the left.

Click on "D" for drinking water.

Click on the "Regulations" link on the right.

Click on the "Stage 2 Disinfectants/Disinfection Byproducts Rule" link on the right

### 1) Monitoring Plan and Instruction document

**Stage 2 D/DBP Job Aids**

[D/DBP Rules Monitoring and Reporting Requirements Summary](#)  
This job aid revises the Stage 1 D/DBP Monitoring & Reporting Requirements Quick Look Tables to incorporate the Stage 2 D/DBP Rule requirements. This document also adds the GWR and SWTR requirements for disinfectant residual. The job aid contains an individual table for each parameter. Each table contains the Maximum Contaminant Level (MCL), Maximum Residual Disinfectant Level (MRDL) or Minimum Residual Required (MRR), the number of required samples, sampling frequency and location, altered monitoring criteria (reduced or increased), reporting requirements, and compliance information.

[NEW Monitoring Plan for the Disinfectants-Disinfection Byproducts Rules Form and Instructions \(3800-FM-W9FR0473\)](#)  
These 2 separate files contain a Stage 2 D/DBP monitoring plan template and instructions for completing this template. The instructions provide the regulatory requirements and deadlines for completing the monitoring plan.

**Disinfection Byproducts Rule**

- Stage 2 Disinfectants/Disinfection Byproducts Rule
- Filter Backwash Recycling Rule

**New Stage 2 monitoring plan template and instructions**

- ▶ Partnership for Safe Water
- ▶ Filter Plant Performance Evaluation

- There's a new Stage 2 DBP monitoring plan template and instructions document.

# Drinking Water Regulations, Standards & Resources Page

Search Criteria:

Visit DEP's home page at:

[http://www.portal.state.pa.us/portal/server.pt/community/dep\\_home/5968](http://www.portal.state.pa.us/portal/server.pt/community/dep_home/5968)


Click on the DEP Programs A – Z link on the left.

Click on "D" for drinking water.

Click on the "Drinking Water Regulations, Standards & Resources" link on the right.

Home > Water > Water Standards and Facility Regulation > Drinking Water Management

## Drinking Water Management



**Water Standards and Facility Regulation Topics**

- ▼ Water Standards and Facility Regulation
  - ▼ Drinking Water Management
    - Program Activities Reports
    - ▶ New Regulations
    - ▶ **Drinking Water Regulations, Standards & Resources**
    - ▶ Waterborne Diseases
    - ▶ Public Drinking Water
    - ▶ Partnership for Safe Water
    - ▶ Filter Plant Performance Evaluation
    - ▶ Operator Certification
    - ▶ About Water Supply
    - ▶ Wastewater Management
    - ▶ Emergency Preparedness for Water and Wastewater Facilities
    - ▶ Municipal Finance
    - ▶ Water Quality Standards
    - ▶ Innovative Water Technology

**What's New.....**

3/25/11

**NEW** DEP has revised the [2011 Chapter 109 Index to Copper Rule Short-term Revisions \(LCRSTR\)](#) which were published in the *PA Bulletin* on [December 18, 2010](#). The LCRSTR revisions are highlighted in blue in the index.

---

3/25/11

**NEW** DEP has created a [Lead and Copper Rule Short-term Revisions \(LCRSTR\)](#) summary document that describes each revision and includes the Chapter 109 page number of the [online Chapter 109 version](#).


Click on the "Drinking Water Regulations, Standards & Resources" link

## PA Drinking Water Regulations, Standards and Resources

- [PA Drinking Water Regulations](#)
- [PA Drinking Water Standards](#)
- [Resources](#)

Water Standards and Facility Regulation Topics

- ▼ Water Standards and Facility Regulation
  - ▼ Drinking Water Management
    - ▶ Regulations
  - ▼ Drinking Water Regulations, Standards & Resources
    - Electronic Tools
    - Monitoring Waivers
    - External Links



- This page contains various resources about the Chapter 109 regulation, the Maximum Contaminant Levels (MCLs), and other resources.

### 1) Online Chapter 109:

Search Criteria:

Visit DEP's home page at:

[http://www.portal.state.pa.us/portal/server.pt/community/dep\\_home/5968](http://www.portal.state.pa.us/portal/server.pt/community/dep_home/5968)

Click on the DEP Programs A – Z link on the left.

Click on "D" for drinking water.

Click on the "Drinking Water Regulations, Standards & Resources" link on the right.

Under PA Drinking Water Regulations, click on the "online PDF version" link.

### Pennsylvania Drinking Water Regulations

- [Final Drinking Water Regulations Online](#) - Pennsylvania Code, Title 25 Chapter 109  
Click [here](#) for PDF versions of Chapter 109.
- **NEW** [2011 Chapter 109 Index](#)  
This index provides an outline of various topics within Chapter 109. The page numbers listed are those found in the [online PDF version](#).

The citations for the Lead and Copper Rule Short-term revisions (LCRSTR) which were published in December 2010 are highlighted in blue in the index.

- ▶ Waterborne Diseases
- ▶ Public Drinking Water
- ▶ Partnership for Safe Water
- ▶ Filter Plant Performance

Click on the "online PDF version" link

- ▶ Emergency Preparedness for Water and Wastewater Facilities

- This online version contains the same page numbers as the 2011 Chapter 109 index.

## 2) 2011 Chapter 109 index:

Search Criteria:

Visit DEP's home page at:

[http://www.portal.state.pa.us/portal/server.pt/community/dep\\_home/5968](http://www.portal.state.pa.us/portal/server.pt/community/dep_home/5968)

Click on the DEP Programs A – Z link on the left.

Click on "D" for drinking water.

Click on the "Drinking Water Regulations, Standards & Resources" link on the right.

Under PA Drinking Water Regulations, click on the "2011 Chapter 109 index" link.

### Pennsylvania Drinking Water Regulations

- [Final Drinking Water Regulations Online](#) - Pennsylvania Code, Title 25 Chapter 109  
Click [here](#) for PDF versions of Chapter 109.
- **NEW** [2011 Chapter 109 Index](#) ← Click on 2011 Chapter 109 index link  
This index provides an outline of various topics within Chapter numbers listed are those found in the [online PDF version](#).

The citations for the Lead and Copper Rule Short-term revisions (LCRSTR) which were published in December 2010 are highlighted in blue in the index.

## **2011 Chapter 109 index Example**

<b>C</b>	<b>MONITORING REQUIREMENTS</b> .....	109-24.2
109.301	General monitoring requirement.....	109-24.2
109.301(1)	Performance monitoring for filtration and disinfection .....	109-24.3
109.301(1)(i)(A)	Shall determine and record the turbidity level as follows: .....	109-24.3
109.301(1)(i)(A)(i)	For systems that operate continuously, at least once every 4 hours that the system is in operation except provided in clause (B) .....	109-24.3
109.301(1)(i)(A)(ii)	For systems that do not operate continuously, at start-up, at least once every 4 hours that the system is in operation and also prior to shutting down the plant, except as provided in clause (B).....	109-24.3
109.301(1)(i)(B)	May substitute continuous turbidity monitoring and recording...At a minimum, calibration with an EPA-approved primary standard shall be conducted at least quarterly .....	109-24.3
109.301(2)	Performance monitoring for unfiltered surface water and GUDI .....	109-25
109.301(3)	Monitoring requirements for coliforms.....	109-27
109.301(3)(i)	Frequency.....	109-27
109.301(3)(ii)	Repeat Monitoring .....	109-29
109.301(3)(iii)	Invalidation of total coliform samples .....	109-30
109.301(3)(iv)	Compliance determinations.....	109-31
109.301(3)(v)	Special purpose samples.....	109-32

- This is an example of the Chapter 109 index for a section of Subchapter C (Monitoring requirements).
- The yellow highlighting indicates that it was revised in 2009 under one of the five rules that were published that year. The rules are listed on the front page and on the heading of each page.
- The blue highlighting represents the Lead and Copper Rule Short-term revisions that were published in 2010.

### 3) Link to documents on eLibrary:

Search Criteria:

Visit DEP's home page at:

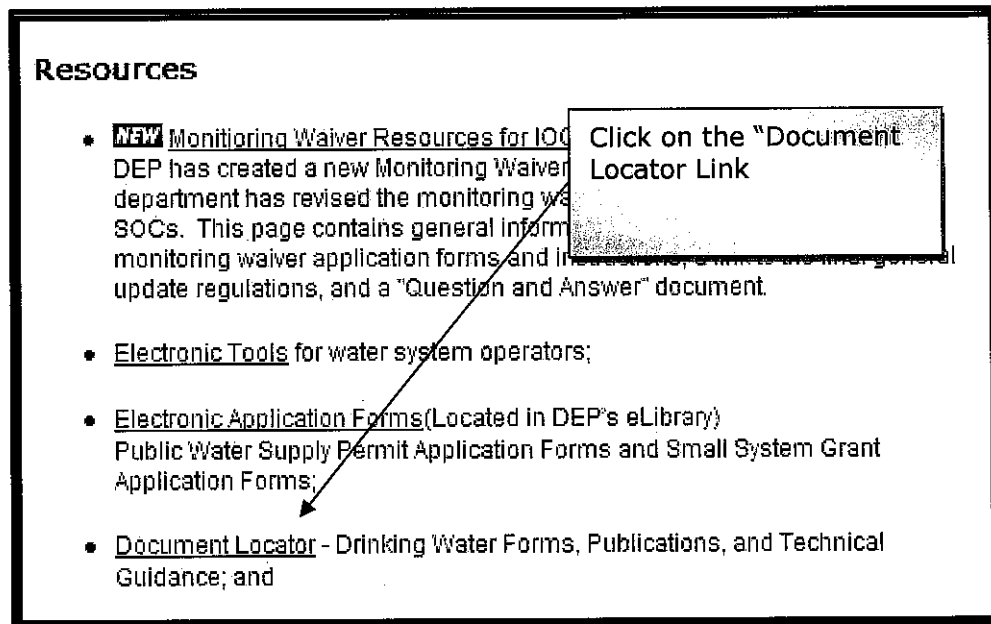
[http://www.portal.state.pa.us/portal/server.pt/community/dep\\_home/5968](http://www.portal.state.pa.us/portal/server.pt/community/dep_home/5968)

Click on the DEP Programs A – Z link on the left.

Click on "D" for drinking water.

Click on the "Drinking Water Regulations, Standards & Resources" link on the right.

Scroll down to the "Resources" section of the page.



**Resources**

- **NEW** [Monitoring Waiver Resources for IOG](#) - DEP has created a new Monitoring Waiver department has revised the monitoring wa SOCs. This page contains general information monitoring waiver application forms and information update regulations, and a "Question and Answer" document. Click on the "Document Locator Link
- [Electronic Tools](#) for water system operators;
- [Electronic Application Forms](#)(Located in DEP's eLibrary)  
Public Water Supply Permit Application Forms and Small System Grant Application Forms;
- [Document Locator](#) - Drinking Water Forms, Publications, and Technical Guidance; and

## Document Locator

**Document Locator**

DEP staff have developed publications, forms, fact sheets and technical guidance documents for the public and regulated community. To facilitate quick and easy access to these documents in the [eLibrary](#), staff in the Bureau of Water Standards and Facility Regulation have developed a "Document Locator" tool.

The documents have been divided into three main categories: Publications (fact sheets, booklets, pamphlets), Forms & Applications, and Technical Guidance. Each of these groups contain links to the available formats in DEP's eLibrary. The formats are in either PDF or Word. "PDF" (Portable Document Format) is an Adobe application. You must have Adobe Reader to use this format. The "Word" format is Microsoft's Word file format. You can obtain a Word Viewer by visiting Microsoft's [web site](#).

For any problems or questions concerning the Document Locator, contact Rhonda Manning at 717-772-4472.

To access the Bureau's documents, click on one of the following eLibrary category links:

- [Publications](#) (Books, Manuals, Reports, Brochures, or Fact Sheets)
- [Forms, Permits, & Applications](#)
- [Technical Guidance](#) (contains 10 numbers in the document number, no letters)

Click [here](#) to read the eLibrary Help page information that describes the document categories and their associated document numbers.

**Water Standards and Facility Regulation Topics**

- ▼ Water Standards and Facility Regulation
  - ▶ Drinking Water Management
  - ▶ Partnership for Safe Water
  - ▶ Filter Plant Performance Evaluation
  - ▶ Operator Certification
- ▼ About Water Supply
  - Division Missions
  - Document Locator
  - ▶ Performance Measures
- ▶ Wastewater Management
- ▶ Emergency Preparedness for

eLibrary category document types are listed here. Use the "here" link to read the eLibrary Help page.

The eLibrary categories are listed here with examples of what materials are classified under each category.

- Publications (books, manual, report, brochures or fact sheets)
- Forms, Permits, & Applications
- Technical Guidance (contains 10 numbers)

Use the "click here" Help page to help you find eLibrary documents.

### Monitoring Waivers Page

**Search Criteria:**

Visit DEP's home page at:

[http://www.portal.state.pa.us/portal/server.pt/community/dep\\_home/5968](http://www.portal.state.pa.us/portal/server.pt/community/dep_home/5968)

Click on the DEP Programs A – Z link on the left.

Click on "M" for monitoring waivers.

Click on the "Monitoring Waivers" link.

Home > Water > Water Standards and Facility Regulation > Drinking Water Management > Drinking Water Regulations, Standards & Resources > Monitoring Waivers

## Monitoring Waivers for IOCs, VOCs and SOCs

- [General Information about Monitoring Waivers](#)
- [Monitoring Waiver Application Form and Instructions](#)
- [General Update Regulations](#)
- [Questions and Answers](#)

Links to various resources on these Monitoring Waivers pages

### General Information About Monitoring Waivers

The department promulgated a general update to Chapter 109 (Safe Drinking Water) regulations on May 23, 2009. The purpose of the general update was to incorporate necessary federal requirements in order to obtain and/or maintain primacy for the Safe Drinking Water Program. Revisions to the department's monitoring waiver protocol were also necessary in order to obtain primacy.

All waivers issued for monitoring required through 2010 expired on Dec. 31, 2010. The upcoming compliance period marks the beginning of the next nine-year compliance cycle.

### Water Standards and Facility Regulation Topics

Water Standards and Facility Regulation Topics

- Monitoring Waivers
- External Links
- ▶ Waterborne Diseases
- ▶ Public Drinking Water
- ▶ Partnership for Safe Water
- ▶ Filter Plant Performance Evaluation
- ▶ Operator Certification
- ▶ About Water Supply
- ▶ Wastewater Management

This page includes:

- General Information about Monitoring Waivers
- Monitoring Waiver Application forms and instructions
- General Update Regulations
- Questions and Answers

Search Criteria:

Visit DEP's home page at:

[http://www.portal.state.pa.us/portal/server.pt/community/dep\\_home/5968](http://www.portal.state.pa.us/portal/server.pt/community/dep_home/5968)

Click on the DEP Programs A – Z link on the left.

Click on "C" for consumer confidence report.

Home > Water > Water Standards and Facility Regulation > Drinking Water Management > Public Drinking Water > Consumer Confidence Reports

## Consumer Confidence Reports

**Water Standards and Facility Regulation Index**

- ▼ Water Standards and Facility Regulation
  - ▼ Drinking Water Management
    - ▶ Regulations
    - ▶ Drinking Water Regulations, Standards & Resources
    - ▶ Waterborne Diseases
  - ▼ Public Drinking Water
    - Public Notification
    - Fluoride
    - Bottled, Vended, and Bulk Water Systems
    - Emerging Contaminants
    - Surface Water Treatment Plants Show Dramatic Improvement
    - Drinking Water Program Initiatives
    - Surface Water Filtration
    - Drinking Water Electronic Lab Reporting System
    - Drinking Water Emergencies
    - Lead in Drinking Water - Information for schools and Day Cares

### Annual Drinking Water Quality Reports

The links to water suppliers' Web pages in the table below are provided for easy access to information about the quality of the drinking water they serve to consumers. Water suppliers are listed alphabetically by system name.

Community water systems must mail or otherwise deliver a copy of a water quality report (Consumer Confidence Report) to each customer. Additionally, community water systems serving 100,000 or more people must post their current year's report to a publicly-accessible site on the Internet. Some community water systems serving fewer than 100,000 persons have also posted their reports on the Internet in a good faith effort to reach consumers who do not get water bills.

- [Detection and Violation Data](#) to help Pennsylvania community water systems prepare their annual Consumer Confidence Reports
- Forms now available:
  - [CCR Report Template and Instructions \(For Systems using only Groundwater Sources\)](#) [3800-FM-WSFR0113 \(Fill-in Form\)](#)
  - [CCR Report Template and Instructions \(For Systems using only Surface Water Sources\)](#) [3800-FM-WSFR0114 \(Fill-in Form\)](#)
  - [CCR Certification Form \(Blank Form\)](#), [3800-FM-WSFR0084](#)
- [CCR Completeness Checklist for Water Suppliers](#) (3800-FM-WSFR0085)
- [Consumer Confidence Handbook](#) (383-2129-003)
- More information from EPA can be found at their [CCR Homepage](#).
- To have a hyperlink to your Water System's Consumer Confidence Report added

**New CCR templates**

- Updated CCR templates and instructions that include new tables for entry point disinfectant residual and source water microbial reporting requirements.

## Consumer Confidence Reporting System:

Search Criteria:

Visit DEP's home page at:

[http://www.portal.state.pa.us/portal/server.pt/community/dep\\_home/5968](http://www.portal.state.pa.us/portal/server.pt/community/dep_home/5968)

Click on the DEP Programs A – Z link on the left.

Click on the "Drinking Water CCR data" link.

The screenshot shows the web interface for the Consumer Confidence Reporting System. At the top, the title "Consumer Confidence Reporting System" is displayed. Below the title is a navigation menu with three links: "Welcome", "Selection Criteria", and "Contact Us". The "Selection Criteria" link is highlighted. Below the navigation menu is a section titled "Select System(S) Based On" with three radio button options: "Public Water System ID", "Public Water System Name", and "County".

- Now resembles the Drinking Water Reporting System in its appearance and selection criteria.
- There are now several summary reports instead of a single CCR data report.
- These reports more accurately reflect your CCR reporting requirements such as minimum and maximum values to be reported as a range.
- There are two microbial summary tables:
  - Distribution microbial results
  - Source water microbial results (if required)
- There is now a turbidity report that summarizes the annual turbidity data that systems submit. You will still need to look at your individual turbidity data for reporting the highest individual value if it has not exceeded the maximum allowable turbidity limit.
- There are two disinfectant residual tables:
  - Entry point disinfectant levels
  - Distribution disinfectant levels
- There is information about how to find TOC data on Drinking Water Reporting System.

# Consumer Confidence Reporting System

[Welcome](#) | [Selection Criteria](#) | [Contact Us](#)

Report Selection page of Consumer Confidence Reporting System

## Report Selection - Philadelphia County

System Selected: PHILADELPHIA WATER DEPARTMENT

Select a Report: CHEMICAL

Select a Report Year: CHEMICAL

LEAD/COPPER  
 MICROBIAL  
 TURBIDITY  
 DISINFECTANT RESIDUAL  
 VIOLATIONS  
 TOTAL ORGANIC CARBON (TOC)

- Step 1: To view disinfectant residual results, click on the **Disinfectant residual report**.

# Consumer Confidence Reporting System

[Welcome](#) | [Selection Criteria](#) | [Contact Us](#)

Top page of Disinfectant Residual Report (Entry Point)

## ENTRY POINT & DISTRIBUTION DISINFECTANT TABLES

### 2010 Entry Point Disinfectant Residuals Table

PWSID	LOCATION ID	ANALYTE	HIGHEST VALUE REPORTED	LOWEST VALUE REPORTED	DATE OF LOWEST VALUE	MINIMUM RESIDUAL LEVEL REQUIRED
1510001	101	CHLORINE	336	2.01	10/10/2010	0.2
1510001	102	CHLORINE	26285	1.4718	10/10/2010	0.2
1510001	103	CHLORINE	3	1.9	05/25/2010	0.2

- Step 2: To find the **distribution disinfectant** results, scroll down to the bottom of the page.

### 2010 Distribution Disinfectant Residuals Table

PWSID	ANALYTE	MONTH OF HIGHEST AVG. RESULT	HIGHEST AVG. RESULT	LOWEST AVG. RESULT
1510001	CHLORAMINE	Feb	212	

Bottom of Disinfectant Residual Report (Distribution)

## Public Notification Pages

Search Criteria:

Visit DEP's home page at:

[http://www.portal.state.pa.us/portal/server.pt/community/dep\\_home/5968](http://www.portal.state.pa.us/portal/server.pt/community/dep_home/5968)

Click on the DEP Programs A – Z link on the left.


Click on "P" for public notification.

Click on the "Public notification" link.

Home > Water > Water Standards and Facility Regulation > Drinking Water Management > Public Drinking Water > 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 Template](#)
- [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 Questions and Answers](#)



Water Standards and Facility Regulation Topics

- ▼ Water Standards and Facility Regulation
- ▼ Drinking Water Management
  - ▶ New Regulations

Various resources on the Public Notification pages

Water Regulations, Resources

Diseases

ing Water

ification

Contaminants

– Surface Water Treatment Plants Show Dramatic Improvement

## PN Templates

- New Tier 1 and Tier 2 PN templates:

### Tier 1 PN Templates

Click [here](#) to see the Tier 1 PN Notices on DEP's eLibrary.

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 Meet 4-log Disinfection Treatment Requirements (3800-FM-WSFR0151)

Template and instructions for completing a Tier 1 Notice for the Failure to Meet 4-log Disinfection Treatment Requirements

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.

### Tier 2 PN Templates

Click [here](#) to see the Tier 2 PN Notices on DEP's eLibrary.

Failure to Conduct Required Cryptosporidium Monitoring For Any Three months Notice (3800-FM-WSFR0154)

Template and instructions for completing a Tier 2 notice for a filtered systems failure to conduct required cryptosporidium monitoring for any three months notice

Failure to Take Corrective Action Within Required Time Frame (3800-FM-WSFR0155)

Template and instructions for completing a Tier 2 notice for a filtered systems failure to take corrective action within required time frame

Filtered Systems Failure to Determine and Report Bin Classification (3800-FM-WSFR0156)

Template and instructions for completing a Tier 2 notice for a filtered systems failure to determine and report its bin classification

Unfiltered Systems Failure to Calculate and Report Mean Cryptosporidium Level Notice (3800-FM-WSFR0157)

Template and instructions for completing a Tier 2 notice for an unfiltered systems failure to calculate and report its mean Cryptosporidium level

## Steps for Finding Topics on DEP's website

### Steps for finding topics on DEP's website

**Step 1:** Go to DEP's home page:

[http://www.portal.state.pa.us/portal/server.pt/community/dep\\_home/5968](http://www.portal.state.pa.us/portal/server.pt/community/dep_home/5968)

**Step 2:** Select the DEP Programs (A – Z) link on the left column

**Step 3:** Click on the first letter of the program you are seeking

Examples:

- A – Arsenic
- C – Certification (Operator Certification)
- C – Chapter 109
- C – Consumer Confidence Report
- D – Drinking Water (various drinking water topics)
- D – Drinking Water CCR data
- D – Drinking Water Electronic Laboratory Reporting (DWELR)
- D – Drinking Water Reporting System (DWRS)
- E – Earthwise Academy (water and wastewater operator web courses)
- E – eLibrary (DEP forms, publications, and guidance documents)
- E – EMAPPA (GIS mapping)
- F – Filtration (surface water systems)
- F – Financial Assistance
- F – Fluoride
- G – Greenport (electronic reporting portal)
- L – Labs
- L – Lead and Copper Rule
- M – Maximum Contaminant Levels (MCLS)
- M – Monitoring Waivers (for IOCs, VOCs, and SOCs)
- O – Operator
- O – Outreach
- P – Private Wells
- P – Public Notification
- R – Regulations (proposed and final regs on Public Participation site)
- S – Source Water Area Protection (SWAP)
- S – Source Water Protection
- T – TAC Board
- W – Water Supplier Fact Sheets (eLibrary folders)
- W – WebOAS (optimization tool for filter plants)

**Step 4:** Click on the link to open the web page.



### **Key Points:**

To summarize, the key points of this session are:

- DEP's website contains a vast amount of information that water suppliers can use to help them comply with Chapter 109 requirements.
- Use this document to locate and bookmark the information you need.
- We will continue to inform you of the updates we make to our web pages. E-mail Deb Rotz at [drotz@pa.gov](mailto:drotz@pa.gov) to receive these updates.