

DWN Topic Index
(updated August 2021)

Alarms and Shutdowns: January 2020

Alarm Shutdown Testing: Winter 2010–2011

ANSI/NSF Standard 60 for Drinking Water Chemicals: December 2009

Annual Fees: December 2018

Sampling Criteria for Lifting a **Boil Water Advisory:** June 2018

Baffling Factors: December 2018

Chain of Custody Forms: December 2009

Chapter 109

Chapter 109 Index: Winter 2010–2011

New Chapter 109 Resources: Fall/Winter 2012

Chemicals

Avoid Dangerous Cocktails – Verify Chemical Deliveries: June 2018

NSF Certification of Drinking Water Chemicals: Summer 2014

Treatment Chemical Delivery Steps to Consider: Summer 2014

Chlorine

Accurate Free Chlorine Data and Compliance: Winter/Spring 2012

Chlorine in New Rules: Summer 2010

Chlorine Residual Analysis and Method 334: Winter 2010–2011

Chlorine Analysis QA/QC: Winter 2010–2011

EPA-Approved Method for Free Chlorine Analysis: Summer 2014

Low Chlorine Residual versus No Chlorine Residual: Winter/Spring 2012

What Are Your Chlorine Readings Telling You?: Fall/Winter 2012

Circuit Riders: Spring/Summer 2013

Certified Operator Responsibilities as a Circuit Rider: January 2021

Compliance Timing: Fall/Winter 2012

Compositing: Summer 2015

Corrosion Control

Optimizing Sample Collection for Optimized Corrosion Control: Summer 2015
Optimizing Sample Collection for Optimized Corrosion Control: Winter 2016–2017

Consumer Confidence Reports (CCRs)

CCR Certifications: Fall 2013/Winter 2014
CCR Electronic Delivery Options: Spring/Summer 2013
CCR Reminder: Winter/Spring 2012
CCR Template Revisions: Summer 2010
Consumer Confidence Report (CCR) Reminders: Fall 2013/Winter 2014
Consumer Confidence Report Reminder: Summer 2017
Consumer Confidence Report Resources: July 2021

COVID-19

Information Resource for Public Water Suppliers During the COVID-19 Pandemic: July 2020

Cross-Connection Control

Cross-Connection Control/ Backflow Prevention Corner: Spring/Summer 2013
Cross-Connection Control/ Backflow Prevention Corner: Fall 2013/Winter 2014
Cross-Connection Control/ Backflow Prevention Corner: Summer 2014
Cross-Connection Control/ Backflow Prevention Corner: Winter 2014–2015

Disinfection Requirements Rule

DRR Sample Siting Plans: June 2018
Reporting Distribution Residuals: December 2018

Disinfection Byproducts: A few Case Studies: July 2021

Distribution System Investigations: January 2020

Distribution Water Quality: Summer 2017

Drinking Water Reporting System (DWRS) Updates: June 2011

Drinking Water State Revolving Fund (DWSRF): July 2021

Submit **Drought Contingency Plans** Online: Winter 2015–2016

Earthwise Academy Upgrades: June 2011

Electronic Reporting

Correcting Data Submitted to DWELR: Fall/Winter 2012
Correcting Record Errors in DWELR: Summer 2015
Data Integrity – The Importance of Data Reporting: June 2018
Don't Let Your Reporting Be Revolting: Summer 2017

Drinking Water Electronic Reporting System (DWELR): Winter 2010–2011
DWELR and Bounced Emails: Winter 2016–2017
Electronic Reporting of Monitoring Data: Winter 2010–2011
Electronic Reporting of Monitoring Data: Winter/Spring 2012
Eliminating DWELR Reporting Violations (3 Simple Steps): December 2018
Errors and Warnings in DWELR: Summer 2010
Important DWELR Update: Summer 2017
Important Lab Reporting Update: Winter 2016–2017
Lab Reporting for PWSs Using Surface Water or GUDI Sources: Winter 2015–2016
Managing Data Reporting: Winter 2008
New Analytical Codes: Summer 2010
PADWIS Data Inventory and Improving Compliance: December 2009
Uploading Chlorine Residual Data into DWELR: June 2011
Report Data Correctly to Reduce Violations: January 2021

Emergency Situations

Emergency Interconnections: Spring/Summer 2013
Emergency Notifications: December 2009
Emergency Preparedness Training Scheduled: Winter 2008
EPA Releases Tool for Water Utilities on Flood Resilience: Winter 2014–2015
Is Your Emergency Response Plan Up-to-Date?: December 2017
Plan Now for Emergency Responses: Winter 2014–2015
When Lightning Strikes: Fall/Winter 2012

EPA Method 334.0: December 2017

EPA Method 334.0 Video Tutorials: June 2018

Letting the Water Run: The Importance of **Flushing**: January 2021

General Update and **Fees**: December 2018

Annual **Fees**: December 2018

Revised Drinking Water Permit **Fees**: December 2018

Fresh County Air: July 2021

Giardia

Giardia Inactivation Calculation Spreadsheet: December 2018

One-Hour Reporting and PN When Calculating Giardia and Virus Inactivation: December 2018

A Closer Look at Giardia in Drinking Water: July 2020

Request of Designation of Treatment Segments for Calculation of 1-LOG Giardia

Inactivation: July 2021

Groundwater

Network for Groundwater Quality Monitoring: Summer 2015

Groundwater Source Protection: Summer 2010
Groundwater Rule Reminders: January 2021

Groundwater Rule

4-Log Treatment Compliance: Winter 2010–2011
Groundwater Rule in 2009: Winter 2008
Groundwater Rule Monitoring Requirements: Winter 2010–2011
Groundwater Rule Deadline Reminders: Fall/Winter 2012
GWR Compliance: Low Free Chlorine versus No Free Chlorine: Winter 2015–2016

Interconnections and USSP: January 2020

Labs

Laboratory Notification Requirements: December 2017
How Does Environmental Laboratory Accreditation Affect a PWS?: Winter 2015–2016
Lab 24-Hour Notification Postcard Replaced: Winter 2014–2015

LT2

LT2 – Now What?: Fall/Winter 2012
LT2 Rule – Round 2 Source Water Monitoring Begins: Winter 2014–2015
LT2 Rule – Round 2 Reporting Requirements for Small Systems: December 2018

Lead and Copper

2016 Lead & Copper Sampling: Winter 2015–2016
2019 Lead & Copper Sampling: December 2017
LCR Short-Term Revisions: December 2009
Lead and Copper Rule Reminders: Summer 2010
Preparing for 2019 Lead and Copper Monitoring: December 2017
Revised Lead-Free Definition: Spring/Summer 2013
We're Glad You Asked: Lead and Copper Rule Revisions (LCRR): January 2020

Pennsylvania's **Lead Ban Surveillance Act** Program: December 2009

Level 2 Assessments (Well Integrity): June 2018

Loss of Positive Pressure

Loss of Positive Pressure (LOPP) Situations: Winter 2014–2015
Loss of Positive Pressure (LOPP) Situations and Contamination Risks: Summer 2015

Maintenance

The Importance of Maintaining Your Filters: July 2020

Manganese

Health Advisory Levels: Manganese: January 2020

Improving Processes for Iron and Manganese Sequestration: July 2020

Monitoring

Avoiding Monitoring Violations: Winter 2014–2015

Monitoring Data & Sources: Spring/Summer 2013

Monitoring Requirements for PWSs with Multiple Sources: Summer 2015

Routine Performance Monitoring: Summer 2014

General Update and Fees: December 2018

General Update: **Nitrate Sampling**: December 2009

Notification Requirements: December 2017

Situations Requiring **One–Hour Reporting**: Fall/Winter 2012

One–Hour Reporting When Calculating Giardia and Virus Inactivation: December 2018

Operator Certification

2015 Operator Certification Exams: Winter 2014–2015

Accelerated Certification: Winter/Spring 2012

Certified Operators and Process Control Decisions: Winter 2016–2017

Certified Operator Handbook: Spring/Summer 2013

Change of Operator (Key Considerations): December 2017

Operator Certification Annual Service Fee: Summer 2015

Op Cert Regulations Finalized: Winter 2010–2011

Operator Certification Program Training Sessions: June 2011

Operator Certification Program Annual Fee and Available Operator Report: Fall/Winter 2012

Op Cert Training Revisions: Fall 2013/Winter 2014

Operator Misconduct Advisory: Winter 2015–2016

Review of Op. Cert. Program: Winter 2015–2016

Small Water System Resource: Contracting a Certified Water Operator (Circuit Rider) is Now Available on eLibrary: Summer 2017

Maintaining an Effective **Operator’s Daily Log**: January 2020

Value of **Operational Treatment Schematics**: July 2020

What is an **Operator-in-Responsible-Charge?**: January 2020

Outreach Assistance Provider (OAP) Program: December 2018

PaWARN

PaWARN: December 2009

PaWARN Storm Assistance: Winter/Spring 2012

Assistance Available from PaWARN: Fall 2013/Winter 2014

A **PENNVEST** Refresher: Fall 2013/Winter 2014

Permits and Permitting

Permittee Obligations: December 2009

Permitting Requirement Reminder: Summer 2017

Essentials of **pH Analysis**: July 2021

Process Control Plans: Summer 2017

Public Notification

PN When Calculating Giardia and Virus Inactivation: December 2018

Public Notification Revisions: Winter 2008

Draft PN Guidance Documents Available: Winter 2008

PN for UCMR2 Monitoring: Winter 2008

“Problem Corrected” PN: December 2009

PN Questions/Answers: Summer 2010

Public Notification (PN) Responsibilities: Winter 2010–2011

Health Advisories and Public Notification – Spring/Summer 2013

Public Notification Requirements: Fall 2013/Winter 2014

Are You Sending Public Notices to the Right Places?: Summer 2014

Critical **Record Retention** for Public Water Suppliers: July 2021

Revised Total Coliform Rule

Common RTCR Deficiencies and Corrective Actions in Northeastern PA: Summer 2017

Helpful Hints for RTCR Level 1 Assessments: Winter 2016–2017

New Fact Sheet on RTCR Assessments: Winter 2016–2017

New RTCR Responsibilities for Systems and Laboratories: Summer 2017

Revised Total Coliform Rule: Spring/Summer 2013

Revised Total Coliform Rule: Summer 2014

RTCR and 1-Hour Reporting: Summer 2017

RTCR Assessments: Winter 2015–2016

RTCR Assessment Triggers: Winter 2016–2017

RTCR Level 1 Assessments – Getting it Right the First Time: Winter 2016–2017

RTCR Sampling Tips: Winter 2015–2016

RTCR Seasonal Systems Start-ups: Winter 2015–2016

RTCR Snapshot and Training Infor: Winter 2015–2016

RTCR Webinar Recording Available: Winter 2016–2017

Sanitary Defects and Corrective Actions under the RTCR: Winter 2016–2017

Sampling

2012 Sampling Requirements: Winter/Spring 2012

Proper Bacteriological Sampling: Summer 2015
Sample Siting Plans: December 2009
The Importance of Properly Sampling for Bacteria: July 2021

Revised **Sanitary Survey Process**: Fall/Winter 2012

Security

Campground Owners Beware: Fall 2013/Winter 2014
Vandalism Leads to Criminal Charges: Summer 2010
Water System Threats: Fall 2013/Winter 2014

Completing a **Service Line Inventory**: Are Your Records in Order?: July 2021

Small Water Systems

Small Water Systems Source Water Protection: Winter 2014–2015
Small Water System Resource: Contracting a Certified Water Operator (Circuit Rider) is Now Available on eLibrary: Summer 2017
Source Water Protection Programs and Monitoring Waiver Applications: June 2011

Stage 2 Disinfectants/Disinfection Byproducts Rule

Stage 2 DBP Rule Update: Winter 2008
Stage 2 Disinfectants/Disinfection Byproducts Rule Overview: Winter/Spring 2012
Stage 2 DBPR Reminders: Spring/Summer 2013
Stage 2 Compliance Monitoring: Routine or Reduced: Fall 2013/Winter 2014
Additional Monitoring Under Stage 2 D/DBPR: Fall 2013/Winter 2014
Operational Evaluation Level (OEL) Reports for Stage 2 DBPR: Fall 2013/Winter 2014
Disinfectants, Disinfection Byproducts and Operational Evaluation Levels: January 2021
Reduce DBP formation by Optimizing Pre-Filtration Processes: January 2021

Standard Operating Procedures

SOPs – Worth Taking the Time: Fall 2013/Winter 2014
Basic Requirements for Standard Operating Procedures: Winter 2014–2015
Standard Operating Procedures: July 2020

Statistical Process Control: Summer 2010

The Importance of **System Mapping**: January 2020

Avoiding Pitfalls in **System Specific Management** Plans: July 2020

Tracking and Accounting for Your Water: Fall 2013/Winter 2014

Trending Your Data: What Do the Numbers Say About Your System?: January 2020

Waivers

Deciding Whether or Not to Apply for Waivers: June 2011
Helpful Hints on Monitoring Waiver Applications: June 2011
Monitoring Parameters that are Not Waived: Winter 2010–2011
Monitoring Waivers 2017–2019: Winter 2016–2017
Waivers Overhauled: Winter 2010–2011
Preparing an Effective Renewal Application for Monitoring Waivers: January 2021

Waste Disposal and Chlorine Residual Analyzers: December 2009

Water Allocation

The Water Allocation Permitting & Compliance Program: Spring/Summer 2013
Chapter 110 Reporting: Spring/Summer 2013

New **Water Audit** Fact Sheet: Summer 2015

Water Rates: A Measure of Your Water System's Past, Present and Future: Summer 2017

Water System Modifications: Winter 2008

Wells

Well Abandonment: December 2009
Why Well Pits Can Be Bad: Winter 2014 – 2015
Protecting a Small Community Water System Well: Summer 2014
Zone 1 Wellhead Protection Areas: Winter 2015–2016
Level 2 Assessments (Well Integrity): June 2018
All's Well that Ends Well: Well Abandonment: July 2021