SUBPART A: GENERAL

Section

611.100 Purpose, Scope, and Applicability

611.101 Definitions

611.102 Incorporations by Reference

611.103 Severability

611.105 Electronic Reporting

611.107 Agency Inspection of PWS Facilities (Repealed)

611.108 Delegation to Local Government

611.109 Enforcement

611.110 Special Exception Permits

611.111 Relief Equivalent to SDWA Section 1415(a) Variances

611.112 Relief Equivalent to SDWA Section 1416 Exemptions

611.113 Alternative Treatment Techniques

611.114 Siting Requirements

611.115 Source Water Quantity (Repealed)

611.120 Effective Dates (Repealed)

611.121 Maximum Contaminant Levels

611.125 Fluoridation Requirement

611.126 Using Lead-Free Pipes, Fittings, Fixtures, Solder, and Flux for Drinking Water

611.130 Special Requirements for Certain Variances and Adjusted Standards

611.131 Relief Equivalent to SDWA Section 1415(e) Small System Variance

611.160 Composite Correction Program

611.161 Case-by-Case Reduced Subpart Y Monitoring for Wholesale and Consecutive Systems

SUBPART B: FILTRATION AND DISINFECTION

Section

611.201 Requiring a Demonstration (Repealed)

611.202 Procedures for Agency Determinations (Repealed)

611.211 Filtration Required

611.212 Groundwater under Direct Influence of Surface Water

611.213 No Method of HPC Analysis

611.220 General Requirements

611.230 Filtration Effective Dates (Repealed)

611.231 Source Water Limitation

611.232 Site-Specific Conditions (Repealed)

611.233 Treatment Technique Violations

611.240 Disinfection

611.241 Unfiltered PWSs (Repealed)

611.242 Filtered PWSs

611.250 Filtration

611.261 Unfiltered PWSs: Reporting and Recordkeeping

611.262 Filtered PWSs: Reporting and Recordkeeping

611.271 Protection during Repair Work (Repealed)

611.272 Disinfection Following Repair (Repealed)

611.276 Recycle Provisions

SUBPART C: USE OF NON-CENTRALIZED TREATMENT DEVICES

Section

611.280 Point-of-Entry Devices

611.290 Point-of-Use Devices or Bottled Water

SUBPART D: TREATMENT TECHNIQUES

Section

611.295 General Requirements

611.296 Acrylamide and Epichlorohydrin

611.297 Corrosion Control (Repealed)

SUBPART F: MAXIMUM CONTAMINANT LEVELS (MCLs) AND

MAXIMUM RESIDUAL DISINFECTANT LEVELS (MRDLs)

Section

611.300 State-Only MCLs for Inorganic Chemical Contaminants

611.301 Revised MCLs for Inorganic Chemical Contaminants

611.310 State-Only Maximum Contaminant Levels (MCLs) for Organic Chemical Contaminants

611.311 Revised MCLs for Organic Chemical Contaminants

611.312 Maximum Contaminant Levels (MCLs) for Disinfection Byproducts (DBPs)

611.313 Maximum Residual Disinfectant Levels (MRDLs)

611.320 Turbidity (Repealed)

611.325 Microbiological Contaminants

611.330 Maximum Contaminant Levels for Radionuclides

611.331 Beta Particle and Photon Radioactivity (Repealed)

SUBPART G: LEAD AND COPPER

Section

611.350 General Requirements

611.351 Applicability of Corrosion Control

611.352 Corrosion Control Treatment

611.353 Source Water Treatment

611.354 Lead Service Line Inventory and Replacing Lead Service Lines

611.355 Public Education and Supplemental Monitoring and Mitigation

611.356 Tap Water Monitoring for Lead and Copper

611.357 Monitoring for Water Quality Parameters

611.358 Monitoring for Lead and Copper in Source Water

611.359 Analytical Methods

611.360 Reporting

611.361 Recordkeeping

611.362 Monitoring for Lead in Schools and Child Care Facilities

611.363 Small Supplier Compliance Flexibility

SUBPART I: DISINFECTANT RESIDUALS, DISINFECTION BYPRODUCTS,

AND DISINFECTION BYPRODUCT PRECURSORS

Section

611.380 General Requirements

611.381 Analytical Requirements

611.382 Monitoring Requirements

611.383 Compliance Requirements

611.384 Reporting and Recordkeeping Requirements

611.385 Treatment Technique for Control of Disinfection Byproduct (DBP) Precursors

SUBPART K: GENERAL MONITORING AND ANALYTICAL REQUIREMENTS

Section

611.480 Alternative Analytical Techniques

611.490 Certified Laboratories

611.491 Laboratory Testing Equipment (Repealed)

611.500 Consecutive PWSs

611.510 Special Monitoring for Unregulated Contaminants (Repealed)

SUBPART L: MICROBIOLOGICAL MONITORING

AND ANALYTICAL REQUIREMENTS

Section

611.521 Routine Coliform Monitoring (Repealed)

611.522 Repeat Coliform Monitoring (Repealed)

611.523 Invalidation of Total Coliform Samples (Repealed)

611.524 Sanitary Surveys (Repealed)

611.525 Fecal Coliform and E. Coli Testing (Repealed)

611.526 Analytical Methodology (Repealed)

611.527 Response to Violation (Repealed)

611.528Transition from Subpart L to Subpart AA Requirements (Repealed)

611.531 Analytical Requirements

611.532 Unfiltered PWSs

611.533 Filtered PWSs

SUBPART M: TURBIDITY MONITORING AND ANALYTICAL REQUIREMENTS

Section

611.560 Turbidity (Repealed)

SUBPART N: INORGANIC MONITORING AND ANALYTICAL REQUIREMENTS

Section

611.591 Violation of a State-Only MCL

611.592 Frequency of State Monitoring

611.600 Applicability

611.601 Monitoring Frequency

611.602 Asbestos Monitoring Frequency

611.603 Inorganic Monitoring Frequency

611.604 Nitrate Monitoring

611.605 Nitrite Monitoring

611.606 Confirmation Samples

611.607 More Frequent Monitoring and Confirmation Sampling

611.608 Additional Optional Monitoring

611.609 Determining Compliance

611.610 Inorganic Monitoring Times

611.611 Inorganic Analysis

611.612 Monitoring Requirements for Old Inorganic MCLs

611.630 Special Monitoring for Sodium

611.631 Special Monitoring for Inorganic Chemicals (Repealed)

SUBPART O: ORGANIC MONITORING AND ANALYTICAL REQUIREMENTS

Section

611.640 Definitions

611.641 State-Only MCLs

611.645 Analytical Methods for Organic Chemical Contaminants

611.646 Phase I, Phase II, and Phase V Volatile Organic Contaminants

611.647 Sampling for Phase I Volatile Organic Contaminants (Repealed)

611.648 Phase II, Phase IIB, and Phase V Synthetic Organic Contaminants

611.650 Monitoring for 36 Contaminants (Repealed)

611.657 Analytical Methods for 36 Contaminants (Repealed)

611.658 Special Monitoring for Organic Chemicals (Repealed)

SUBPART P: THM MONITORING AND ANALYTICAL REQUIREMENTS

Section

611.680 Sampling, Analytical, and other Requirements (Repealed)

611.683 Reduced Monitoring Frequency (Repealed)

611.684 Averaging (Repealed)

611.685 Analytical Methods (Repealed)

611.686 Modification to System (Repealed)

611.687 Sampling for Maximum THM Potential (Repealed)

611.688 Applicability Dates (Repealed)

SUBPART Q: RADIOLOGICAL MONITORING AND ANALYTICAL REQUIREMENTS

Section

611.720 Analytical Methods

611.731 Gross Alpha

611.732 Beta Particle and Photon Radioactivity

611.733 General Monitoring and Compliance Requirements

SUBPART R: ENHANCED FILTRATION AND DISINFECTION:

SYSTEMS THAT SERVE 10,000 OR MORE PEOPLE

Section

611.740 General Requirements

611.741 Standards for Avoiding Filtration

611.742 Disinfection Profiling and Benchmarking

611.743 Filtration

611.744 Filtration Sampling Requirements

611.745 Reporting and Recordkeeping Requirements

SUBPART S: GROUNDWATER RULE

Section

611.800 General Requirements and Applicability

611.801 Sanitary Surveys for GWS Suppliers

611.802 Groundwater Source Microbial Monitoring and Analytical Methods

611.803 Treatment Technique Requirements for GWS Suppliers

611.804 Treatment Technique Violations for GWS Suppliers

611.805 Reporting and Recordkeeping for GWS Suppliers

SUBPART T: REPORTING AND RECORDKEEPING

Section

611.830 Applicability

611.831 Monthly Operating Report (Repealed)

611.832 Notice by Agency (Repealed)

611.833 Cross Connection Reporting (Repealed)

611.840 Reporting

611.851 Reporting MCL, MRDL, and other Violations (Repealed)

611.852 Reporting other Violations (Repealed)

611.853 Notice to New Billing Units (Repealed)

611.854 General Content of Public Notice (Repealed)

611.855 Mandatory Health Effects Language (Repealed)

611.856 Fluoride Notice (Repealed)

611.858 Fluoride Secondary Standard (Repealed)

611.860 Record Maintenance

611.870 List of 36 Contaminants (Repealed)

SUBPART U: CONSUMER CONFIDENCE REPORTS

Section

611.881 Purpose and Applicability

611.882 Compliance Dates

611.883 Content of the Reports

611.884 Required Additional Health Information

611.885 Report Delivery and Recordkeeping

SUBPART V: PUBLIC NOTIFICATION OF DRINKING WATER VIOLATIONS

Section

611.901 General Public Notification Requirements

611.902 Tier 1 Public Notice: Form, Manner, and Frequency of Notice

611.903 Tier 2 Public Notice: Form, Manner, and Frequency of Notice

611.904 Tier 3 Public Notice: Form, Manner, and Frequency of Notice

611.905 Content of the Public Notice

611.906 Notice to New Billing Units or New Customers

611.907 Special Notice of the Availability of Unregulated Contaminant Monitoring Results

611.908 Special Notice for Exceedance of the Fluoride Secondary Standard

611.909 Special Notice for Nitrate Exceedances above the MCL by a Non-Community Water System

611.910 Notice by the Agency on Behalf of a PWS

611.911 Special Notice for Cryptosporidium

SUBPART W: INITIAL DISTRIBUTION SYSTEM EVALUATIONS

Section

611.920 General Requirements

611.921 Standard Monitoring

611.922 System-Specific Studies

611.923 40/30 Certification

611.924 Very Small System Waivers

611.925 Subpart Y Compliance Monitoring Location Recommendations

SUBPART X: ENHANCED FILTRATION AND DISINFECTION –

SYSTEMS SERVING FEWER THAN 10,000 PEOPLE

Section

611.950 General Requirements

611.951 Finished Water Reservoirs

611.952 Additional Watershed Control Requirements for Unfiltered Systems

611.953 Disinfection Profile

611.954 Disinfection Benchmark

611.955 Combined Filter Effluent Turbidity Limits

611.956 Individual Filter Turbidity Requirements

611.957 Reporting and Recordkeeping Requirements

SUBPART Y: STAGE 2 DISINFECTION BYPRODUCTS REQUIREMENTS

Section

611.970 General Requirements

611.971 Routine Monitoring

611.972 Subpart Y Monitoring Plan

611.973 Reduced Monitoring

611.974 Additional Requirements for Consecutive Systems

611.975 Conditions Requiring Increased Monitoring

611.976 Operational Evaluation Levels

611.977 Requirements for Remaining on Reduced TTHM and HAA5 Monitoring Based on Subpart I Results

611.978 Requirements for Remaining on Increased TTHM and HAA5 Monitoring Based on Subpart I Results

611.979 Reporting and Recordkeeping Requirements

SUBPART Z: ENHANCED TREATMENT FOR CRYPTOSPORIDIUM

Section

611.1000 General Requirements

611.1001 Source Water Monitoring Requirements: Source Water Monitoring

611.1002 Source Water Monitoring Requirements: Sampling Schedules

611.1003 Source Water Monitoring Requirements: Sampling Locations

611.1004 Source Water Monitoring Requirements: Analytical Methods

611.1005 Source Water Monitoring Requirements: Approved Laboratories

611.1006 Source Water Monitoring Requirements: Reporting Source Water Monitoring Results

611.1007 Source Water Monitoring Requirements: Grandfathering Previously Collected Data

611.1008 Disinfection Profiling and Benchmarking Requirements: Requirements When Making a Significant Change in Disinfection Practice

611.1009 Disinfection Profiling and Benchmarking Requirements: Developing the Disinfection Profile and Benchmark

611.1010 Treatment Technique Requirements: Bin Classification for Filtered System Suppliers

611.1011 Treatment Technique Requirements: Filtered System Additional Cryptosporidium Treatment Requirements

611.1012 Treatment Technique Requirements: Unfiltered System Cryptosporidium Treatment Requirements

611.1013 Treatment Technique Requirements: Schedule for Compliance with Cryptosporidium Treatment Requirements

611.1014 Treatment Technique Requirements: Requirements for Uncovered Finished Water Storage Facilities

611.1015 Requirements for Microbial Toolbox Components: Microbial Toolbox Options for Meeting Cryptosporidium Treatment Requirements

611.1016 Requirements for Microbial Toolbox Components: Source Toolbox Components

611.1017 Requirements for Microbial Toolbox Components: Pre-Filtration Treatment Toolbox Components

611.1018 Requirements for Microbial Toolbox Components: Treatment Performance Toolbox Components

611.1019 Requirements for Microbial Toolbox Components: Additional Filtration Toolbox Components

611.1020 Requirements for Microbial Toolbox Components: Inactivation Toolbox Components

611.1021 Reporting and Recordkeeping Requirements: Reporting Requirements

611.1022 Reporting and Recordkeeping Requirements: Recordkeeping Requirements

611.1023 Requirements to Respond to Significant Deficiencies Identified in Sanitary Surveys Performed by USEPA or the Agency

SUBPART AA: REVISED TOTAL COLIFORM RULE

Section

611.1051 General

611.1052 Analytical Methods and Laboratory Certification

611.1053 General Monitoring Requirements for all PWSs

611.1054 Routine Monitoring Requirements for Non-CWSs That Serve 1,000 or Fewer People Using Only Groundwater

611.1055 Routine Monitoring Requirements for CWSs That Serve 1,000 or Fewer People Using Only Groundwater

611.1056 Routine Monitoring Requirements for Subpart B Systems That Serve 1,000 or Fewer People

611.1057 Routine Monitoring Requirements for PWSs That Serve More Than 1,000 People

611.1058 Repeat Monitoring and E. coli Requirements

611.1059 Coliform Treatment Technique Triggers and Assessment Requirements for Protection Against Potential Fecal Contamination

611.1060 Violations

611.1061 Reporting and Recordkeeping

SUBPART AG: INTERIM LEAD AND COPPER RULES

Section

611.1350 General Requirements

611.1351 Applicability of Corrosion Control

611.1352 Corrosion Control Treatment

611.1353 Source Water Treatment

611.1354 Lead Service Line Replacement

611.1355 Public Education and Supplemental Monitoring

611.1356 Tap Water Monitoring for Lead and Copper

611.1357 Monitoring for Water Quality Parameters

611.1358 Monitoring for Lead and Copper in Source Water

611.1359 Analytical Methods

611.1360 Reporting

611.1361 Recordkeeping

611.APPENDIX A Regulated Contaminants

611.APPENDIX B Percent Inactivation of G. Lamblia Cysts

611.APPENDIX C Common Names of Organic Chemicals

611.APPENDIX D Defined Substrate Method for the Simultaneous Detection of Total Coliforms and Escherichia Coli from Drinking Water (Repealed)

611.APPENDIX E Mandatory Lead Public Education Information for Community Water Systems

611.APPENDIX F Mandatory Lead Public Education Information for Non-Transient Non-Community Water Systems

611.APPENDIX G NPDWR Violations and Situations Requiring Public Notice

611.APPENDIX H Standard Health Effects Language for Public Notification

611.APPENDIX I Acronyms Used in Public Notification Regulation

611.TABLE A Total Coliform Monitoring Frequency (Repealed)

611.TABLE B Fecal or Total Coliform Density Measurements

611.TABLE C Frequency of RDC Measurement

611.TABLE D Number of Lead and Copper Monitoring Sites

611.TABLE E Lead and Copper Monitoring Start Dates (Repealed)

611.TABLE F Number of Water Quality Parameter Sampling Sites

611.TABLE G Summary of Section 611.357 Monitoring Requirements for Water Quality Parameters (Repealed)

611.TABLE H CT Values (mg·min/ℓ) for Cryptosporidium Inactivation by Chlorine Dioxide

611.TABLE I CT Values (mg·min/ℓ) for Cryptosporidium Inactivation by Ozone

611.TABLE J UV Dose Table for Cryptosporidium, Giardia lamblia, and Virus Inactivation Credit

611.TABLE R Radionuclide Conversion Factors

611.TABLE Z Federal Effective Dates