

- a. What Is EPA Proposing Today?
- b. How Was This Proposal Developed?
- c. Request for Comment
4. Off-stream Raw Water Storage
  - a. What Is EPA Proposing Today?
  - b. How Was This Proposal Developed?
  - c. Request for Comment
5. Pre-sedimentation With Coagulant
  - a. What Is EPA Proposing Today?
  - b. How Was This Proposal Developed?
- i. Published Studies of *Cryptosporidium* Removal by Conventional Sedimentation Basins
- ii. Data Supplied by Utilities on the Removal of Spores by Presedimentation
- c. Request for Comment
6. Bank Filtration
  - a. What Is EPA Proposing Today?
  - b. How Was This Proposal Developed?
  - c. Request for Comment
7. Lime Softening
  - a. What Is EPA Proposing Today?
  - b. How Was This Proposal Developed?
  - c. Request for Comment
8. Combined Filter Performance
  - a. What Is EPA Proposing Today?
  - b. How Was This Proposal Developed?
  - c. Request for Comment
9. Roughing Filter
  - a. What Is EPA Proposing Today?
  - b. How Was This Proposal Developed?
  - c. Request for Comment
10. Slow Sand Filtration
  - a. What Is EPA Proposing Today?
  - b. How Was This Proposal Developed?
  - c. Request for Comment
11. Membrane Filtration
  - a. What Is EPA Proposing Today?
  - b. How Was This Proposal Developed?
  - c. Request for Comment
12. Bag and Cartridge Filtration
  - a. What Is EPA Proposing Today?
  - b. How Was This Proposal Developed?
  - c. Request for Comment
13. Secondary Filtration
  - a. What Is EPA Proposing Today?
  - b. How Was This Proposal Developed?
  - c. Request for Comment
14. Ozone and Chlorine Dioxide
  - a. What Is EPA Proposing Today?
  - b. How Was This Proposal Developed?
  - c. Request for Comments
15. Ultraviolet Light
  - a. What Is EPA Proposing Today?
  - b. How Was This Proposal Developed?
  - c. Request for Comment
16. Individual Filter Performance
  - a. What Is EPA Proposing Today?
  - b. How Was This Proposal Developed?
  - c. Request for Comment
17. Other Demonstration of Performance
  - a. What Is EPA Proposing Today?
  - b. How Was This Proposal Developed?
  - c. Request for Comment
- D. Disinfection Benchmarks for *Giardia lamblia* and Viruses
  1. What Is EPA Proposing Today?
  - a. Applicability and Schedule
  - b. Developing the Disinfection Profile and Benchmark
  - c. State Review
  2. How Was This Proposal Developed?
  3. Request for Comments
- E. Additional Treatment Technique Requirements for Systems with Uncovered Finished Water Storage Facilities
  1. What Is EPA Proposing Today?
  2. How Was This Proposal Developed?
  3. Request for Comments
  - F. Compliance Schedules
    1. What Is EPA Proposing Today?
    - a. Source Water Monitoring
    - i. Filtered Systems
    - ii. Unfiltered Systems
    - b. Treatment Requirements
    - c. Disinfection Benchmarks for *Giardia lamblia* and Viruses
  2. How Was This Proposal Developed?
  3. Request for Comments
  - G. Public Notice Requirements
    1. What Is EPA Proposing Today?
    2. How Was This Proposal Developed?
    3. Request for Comment
  - H. Variances and Exemptions
    1. Variances
    2. Exemptions
    3. Request for Comment
  - a. Variances
  - b. Exemptions
  - I. Requirements for Systems To Use Qualified Operators
  - J. System Reporting and Recordkeeping Requirements
    1. Overview
    2. Reporting Requirements for Source Water Monitoring
      - a. Data Elements To Be Reported
      - b. Data System
      - c. Previously Collected Monitoring Data
    3. Compliance With Additional Treatment Requirements
    4. Request for Comment
  - K. Analytical Methods
    1. *Cryptosporidium*
      - a. What Is EPA Proposing Today?
      - b. How Was This Proposal Developed?
      - c. Request for Comment
    2. *E. coli*
      - a. What Is EPA Proposing Today?
      - b. How Was This Proposal Developed?
      - c. Request for Comment
    3. Turbidity
      - a. What Is EPA Proposing Today?
      - b. How Was This Proposal Developed?
      - c. Request for Comment
  - L. Laboratory Approval
    1. *Cryptosporidium* Laboratory Approval
    2. *E. coli* Laboratory Approval
    3. Turbidity Analyst Approval
    4. Request for Comment
  - M. Requirements for Sanitary Surveys Conducted by EPA
    1. Overview
    2. Background
    3. Request for Comment
- V. State Implementation
  - A. Special State Primacy Requirements
  - B. State Recordkeeping Requirements
  - C. State Reporting Requirements
  - D. Interim Primacy
- VI. Economic Analysis
  - A. What Regulatory Alternatives Did the Agency Consider?
  - B. What Analyses Support Selecting the Proposed Rule Option?
  - C. What Are the Benefits of the Proposed LT2ESWTR?
    1. Non-quantifiable Health and Non-health Related Benefits
    2. Quantifiable Health Benefits
      - a. Filtered Systems
      - b. Unfiltered Systems
3. Timing of Benefits Accrual (latency)
- D. What Are the Costs of the Proposed LT2ESWTR?
  1. Total Annualized Present Value Costs
  2. Water System Costs
    - a. Source Water Monitoring Costs
    - b. Filtered Systems Treatment Costs
    - c. Unfiltered Systems Treatment Costs
    - d. Uncovered Finished Water Storage Facilities
    - e. Future Monitoring Costs
  - f. Sensitivity Analysis-influent Bromide Levels on Technology Selection for Filtered Plants
  3. State/Primacy Agency Costs
  4. Non-quantified Costs
  - E. What Are the Household Costs of the Proposed Rule?
  - F. What Are the Incremental Costs and Benefits of the Proposed LT2ESWTR?
  - G. Are There Benefits From the Reduction of Co-occurring Contaminants?
  - H. Are There Increased Risks From Other Contaminants?
  - I. What Are the Effects of the Contaminant on the General Population and Groups Within the General Populations That Are Identified as Likely to be at Greater Risk of Adverse Health Effects?
  - J. What Are the Uncertainties in the Baseline, Risk, Benefit, and Cost Estimates for the Proposed LT2ESWTR as well as the Quality and Extent of the Information?
  - K. What Is the Benefit/Cost Determination for the Proposed LT2ESWTR?
  - L. Request for Comment
- VII. Statutory and Executive Order Reviews
  - A. Executive Order 12866: Regulatory Planning and Review
    - B. Paperwork Reduction Act
    - C. Regulatory Flexibility Act
    - D. Unfunded Mandates Reform Act
    1. Summary of UMR Requirements
    2. Written Statement for Rules With Federal mandates of \$100 million or more
      - a. Authorizing Legislation
      - b. Cost-benefit Analysis
      - c. Estimates of Future Compliance Costs and Disproportionate Budgetary Effects
      - d. Macro-economic Effects
      - e. Summary of EPA Consultation With State, local, and Tribal Governments and Their Concerns
      - f. Regulatory Alternatives Considered
      - g. Selection of the Least Costly, Most Cost-effective, or Least Burdensome Alternative That Achieves the Objectives of the Rule
      3. Impacts on Small Governments
  - E. Executive Order 13132: Federalism
  - F. Executive Order 13175: Consultation and Coordination With Indian Tribal Governments
  - G. Executive Order 13045: Protection of Children from Environmental Health and Safety Risks
  - H. Executive Order 13211: Actions that Significantly Affect Energy Supply, Distribution, or Use
  - I. National Technology Transfer and Advancement Act
  - J. Executive Order 12898: Federal Actions to Address Environmental Justice in Minority Populations or Low-Income Populations