

DIRECTORY OF DRINKING WATER TRAINING MATERIALS

U.S. Environmental Protection Agency
Office of Water
March 1995

Submitted by
LABAT-ANDERSON Incorporated
Arlington, Virginia

DIRECTORY OF DRINKING WATER TRAINING MATERIALS

INTRODUCTION

This Directory includes abstracts and ordering information for drinking water training documents produced since July 1992 by the U.S. Environmental Protection Agency's Office of Ground Water and Drinking Water.

The Directory is patterned after The Drinking Water Training Resources Directory: A National Training Coalition Directory of Current Training Materials, First Edition, which contains many Office of Water training materials published prior to July 1992.

DIRECTORY FORMAT AND CONTENT

Entries are arranged alphabetically by title and contain the following components:

- Title
- Author
- Producer
- Publication Date
- Material type and description

Publications are identified either as Training Materials (TM) - publications developed specifically for training activity, or Training Reference Materials (TRM) - publications useful in supporting training activities.

- Keywords

This directory uses the keywords that appear in the Drinking Water Training Resources Directory: A National Training Coalition Directory of Current Training Materials, First Edition.

- Abstract
- Availability and cost

Each entry lists at least one source for the material and its cost. Materials may be ordered from the following:

U.S. Environmental Protection Agency
Office of Water Resource Center, RC-4100
401 M St., SW
Washington, DC 20460
(202) 260-7786 (voice mail request line)
(202) 260-0386 (fax)
waterpubs@epa.mail.epa.gov (internet address)

Educational Resources Information Center (ERIC)
1929 Kenny
Columbus, Ohio 43210-1015
1-800-276-0462
(614) 292-0263 (fax)

National Technical Information Service (NTIS)
U.S. Department of Commerce
5285 Port Royal Road
Springfield, Virginia 22161
1-800-553-6847
(703) 487-4839 (TDD for the hearing impaired)
(703) 921-8647 (fax)

AVAILABILITY

Single copies of this Directory are available at no cost from the EPA Office of Water Resource Center (202-260-7786).

Copies of the Drinking Water Training Resources Directory: A National Training Coalition Directory of Current Training Materials (July 1992) are available from the Educational Resources Information Center (614) 292-6717. Ask for publication #655G, (\$16.25).

KEYWORD INDEX

Analysis/Analytical Methods

Analysis of Potential Trade-Offs in Regulation of Disinfection By-Products

DBP/ICR Analytical Methods Guidance Manual: Public Comment Draft

A Guide for Cost-Effectiveness and Cost-Benefit Analysis of State and Local Ground Water Protection Programs

Manual for the Certification of Laboratories Analyzing Drinking Water: Criteria and Procedures, Quality Assurance; Third Edition; Change 2 - September

Simulation of Compliance Choices for the Disinfection By-Products Regulatory Impact Analysis

Simulation of Raw Water and Treatment Parameters in Support of the Disinfection By-Products Regulatory Impact Analysis

Status Report on Analytical Methods to Support the Disinfectant/Disinfection By-Products Rule

Annual Report

EPA's Ground Water and Drinking Water Program: Making a Difference

Aquifers

A Review of Methods for Assessing Aquifer Sensitivity and Ground Water Vulnerability to Pesticide Contamination

Wellhead Protection in Confined, Semi-Confined, Fractured, and Karst Aquifer Settings

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Pocket Sampling Guide for Operators of Small Water Systems: Phases II and V

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Occurrence Assessment for Disinfectants and Disinfection by-Products (a) in Public Drinking Water

Report to the United States Congress on Radionuclides in Drinking Water: Multimedia Risk and Cost Assessment of Radon in Drinking Water (Draft)

Report to the United States Congress on Radon in Drinking Water: Multimedia Risk and Cost Assessment of Radon

A Review of Methods for Assessing Aquifer Sensitivity and Ground Water Vulnerability to Pesticide Contamination

Simulation of Microbial Occurrence, Exposure and Health Risks After Drinking Water Treatment Processes

Simulation of Raw Water and Treatment Parameters in Support of
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Use of Microbial Risk Assessment in Setting U.S. Drinking Water
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Bibliography

Drinking Water Training Resources Directory: A National Training
Coalition Directory of Current Training Materials
Federal Register Citations for the Safe Drinking Water Act: A
Compilation of References
Lead in Drinking Water: An Annotated List of Publications

Coliform Rule

Total Coliform Rule: Implementation Manual (Including Appendix
D)

Community Water Systems

Innovative Options for Financing Nongovernmental Public Water
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Pocket Sampling Guide for Operators of Small Water Systems:
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Drinking Water Standard Setting: Question and Answer Primer
A Drinking Water State Revolving Fund: Ensuring Safe Drinking
Water For America
The National Public Water System Supervision Program FY 1993
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Helping Small Systems Comply with the Safe Drinking Water Act:
The Role of Restructuring
Lead and Copper Rule: Definitions and Federal Reporting for
Milestones, Violations and SNCs
Lead in Drinking Water: Guidance for Conducting a Community-Based
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National Primary Drinking Water Regulations, 40 CFR Parts 141-143
The National Public Water System Supervision Program FY 1993
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Simulation of Compliance Choices for the Disinfection By-
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Guide for Conducting Contaminant Source Inventories for Public
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Monitoring Requirements for Lead and Copper Rules; Water Systems
 Serving >100,000 Persons

Corrosivity/Corrosion Control

Lead and Copper Rule Guidance Manual. Volume II: Corrosion
 Control Treatment

Costs/Cost Estimating

Technologies and Costs for Control of Disinfection By-Products:
 Executive Summary

Data Management

Definitions for the Minimum Set of Data Elements for Ground Water
 Quality
Final National Guidance for Comprehensive State Ground Water
 Protection Programs
Minimum Set of Data Elements for Ground Water Quality - Brochure
WATERS: Well Activities Tracking, Evaluation and Reporting
 System, Version 2.0

Disinfection/Disinfection By-Products

Analysis of Potential Trade-Offs in Regulation of Disinfection
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Emergency Disinfection of Drinking Water
Framework for Decision Making: An EPA Perspective
Occurrence Assessment for Disinfectants and Disinfection By-
 Products (6a) in Public Drinking Water
Possible Monitoring Requirements for the Disinfectants and

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 Private Wells - Guidance for What to Do After the Flood
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 Consolidated Regulations for the Chemical Phases (DRAFT)
 Drinking Water Regulations and Health Advisories
 Drinking Water Standard Setting: Question and Answer Primer
 Drinking Water Training Resources Directory: A National
 Training Coalition Directory of Current Training Materials
 Framework for Decision Making: An EPA Perspective
 Institutional Solutions to Drinking Water Problems: Maine
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 Lead and Copper Monitoring Guidance for Water Systems Serving
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 Lead and Copper Monitoring Guidance for Water Systems Serving
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Systems to Implement Drinking Water Regulations: Report to
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Technologies and Costs for Control of Disinfection By-Products:
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Use of Microbial Risk Assessment in Setting U.S. Drinking Water
Standards

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Class I Injection Wells and Your Drinking Water
Class II Injection Wells and Your Drinking Water
Class III Injections Wells and Your Drinking Water
Class V Injection Wells and Your Drinking Water
Drinking Water Handbook for Public Officials
Drinking Water Standard Setting: Question and Answer Primer
Drinking Water Training Resources Directory: A National
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Lead in Your Drinking Water: Actions You Can Take to Reduce
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Underground Injection Wells and Your Drinking Water

Emergency Planning

Guide to Ground Water Contingency Planning for Local and State
Governments

Emergency Response

Emergency Disinfection of Drinking Water
Private Wells - Guidance for What to Do After the Flood

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Guidance on Enforcement of the Requirements of the Surface Water Treatment Rule

EPA Office of Ground Water and Drinking Water

EPA's Ground Water and Drinking Water Program: Making a Difference

Financial Characteristics/Financing

Innovative Options for Financing Nongovernmental Public Water Supplies' Needs

Institutional Solutions to Drinking Water Problems: Maine Case Studies

Local Financing for Wellhead Protection

An Overview of Existing State Alternative Financing Programs: Financing Drinking Water System Capital Needs in the 1990s

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Case Studies in Wellhead Protection: Ten Examples of Innovative Wellhead Protection Programs

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Class II Injection Wells and Your Drinking Water

Class III Injection Wells and Your Drinking Water

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Definitions for the Minimum Set of Data Elements for Ground Water Quality

Federal Agency Ground Water Technical Assistance Directory

Final National Guidance for Comprehensive State Ground Water Protection Programs

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A Guide for Cost-Effectiveness and Cost-Benefit Analysis of State and Local Ground Water Protection Programs

Guide to Ground Water Contingency Planning for Local and State Governments

Local Financing for Wellhead Protection

Minimum Set of Data Elements for Ground Water Quality - Brochure

A Review of Methods for Assessing Aquifer Sensitivity and Ground Water Vulnerability to Pesticide Contamination

Underground Injection Wells and Your Drinking Water

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Technical and Economic Capacity of States and Public Water
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Indian Tribes

Indian Primary Procedures Handbook for the Public Water System
Supervision (PWSS) Program and the Underground Injection
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See: Ground Water Disinfection/Ground Water Disinfection Rule

Inorganic Chemicals/Contaminants

Consolidated Regulations for the Chemical Phases (DRAFT)
Consolidated Rule Summary for the Chemical Phases
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National Primary Drinking Water Standards
Pocket Sampling Guide for Operators of Small Water Systems:
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Laboratory/Laboratory Certification

Manual for the Certification of Laboratories Analyzing Drinking
Water: Criteria and Procedures, Quality Assurance; Third
Edition; Change 2 - September

Large Water Systems

Monitoring Requirements for Lead and Copper Rules; Water Systems
Serving 50,001 to 100,000 Persons
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Serving >100,000 Persons

Lead

Lead and Copper Monitoring Guidance for Water Systems Serving
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Lead and Copper Monitoring Guidance for Water Systems Serving
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Lead and Copper Rule: Definitions and Federal Reporting for
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Lead Leaching from Submersible Well Pumps
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Lead Contamination Control Act

Lead in Drinking Water in Schools and Non-Residential Buildings

Lead/Copper Rule

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Indian Primary Procedures Handbook for the Public Water System
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Consolidated Regulations for the Chemical Phases (DRAFT)
Consolidated Rule Summary for the Chemical Phases
Drinking Water Regulations and Health Advisories
Framework for Decision Making: An EPA Perspective
National Primary Drinking Water Standards
Occurrence Assessment for Disinfectants and Disinfection By-
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Status Report on the Development of Draft MCLGs for Disinfectants
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Lead and Copper Monitoring Guidance for Water Systems Serving
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Simulation of Microbial Occurrence, Exposure and Health Risks
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Use of Microbial Risk Assessment in Setting U.S. Drinking Water
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Analysis of Potential Trade-Offs in Regulation of Disinfection
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Status Report on Analytical Methods to Support the
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Technologies and Costs for Control of Disinfection By-Products:
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Water Treatment Plant Model, Version 1.55
Water Treatment Plant Simulation Program, Version 1.55 -
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Consolidated Regulations for the Chemical Phases (DRAFT)
Consolidated Rule Summary for the Chemical Phases
Fact Sheet on State Reporting Guidance for Unregulated
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Lead and Copper Monitoring Guidance for Water Systems Serving
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Pocket Sampling Guide for Operators of Small Water Systems:
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The Safe Drinking Water Act: A Pocket Guide to the Requirements
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Nitrate/Nitrite

Pocket Sampling Guide for Operators of Small Water Systems:
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Institutional Solutions to Drinking Water Problems: Maine
Case Studies

Operation & Maintenance

Pocket Sampling Guide for Operators of Small Water Systems:
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The Safe Drinking Water Act: A Pocket Guide to the Requirements
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Organic Chemicals/Contaminants

Consolidated Regulations for the Chemical Phases (DRAFT)

Pesticides

A Review of Methods for Assessing Aquifer Sensitivity and Ground Water Vulnerability to Pesticide Contamination

Plumbing/Plumbing Code

Lead and Copper Rule Guidance Manual. Volume II: Corrosion Control Treatment

Primacy

Indian Primary Procedures Handbook for the Public Water System Supervision (PWSS) Program and the Underground Injection Control (UIC) Program

Public Education/Notification

Consolidated Regulations for the Chemical Phases (DRAFT)

Public Water System Supervision Program

Indian Primary Procedures Handbook for the Public Water System Supervision (PWSS) Program and the Underground Injection Control (UIC) Program

The National Public Water System Supervision Program FY 1993 Compliance Report

Public Water Supply Supervision Program Priority Guidance

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Drinking Water Handbook for Public Officials

A Drinking Water State Revolving Fund: Ensuring Safe Drinking Water For America

Fact Sheet: 1995 SRF Needs Survey for Drinking Water

Guide for Conducting Contaminant Source Inventories for Public Drinking Water Supplies

Guide to Ground Water Contingency Planning for Local and State Governments

Innovative Options for Financing Nongovernmental Public Water Supplies' Needs

Institutional Solutions to Drinking Water Problems: Maine Case Studies

Lead in Drinking Water in Schools and Non-Residential Buildings

Lead in Your Drinking Water: Actions You Can Take to Reduce

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A Learning Guide for State/Local Drinking Water Agreements

National Primary Drinking Water Regulations, 40 CFR Parts 141-143

Occurrence Assessment for Disinfectants and Disinfection By-Products (Phase 6a) in Public Drinking Water

An Overview of Existing State Alternative Financing Programs:

Financing Drinking Water System Capital Needs in the 1990s

Pocket Sampling Guide for Operators of Small Water Systems:

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Small Systems Technology Initiative: Evaluation of Demonstration Technologies - Freestone, California Water System
Technical and Economic Capacity of States and Public Water Systems to Implement Drinking Water Regulations: Report to Congress

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Federal Register Citations for the Safe Drinking Water Act: A Compilation of References
Lead in Drinking Water: An Annotated List of Publications

Pumps/Pumping Equipment

Lead Leaching from Submersible Well Pumps

Radionuclides

Report to the United States Congress on Radionuclides in Drinking Water: Multimedia Risk and Cost Assessment of Radon in Drinking Water

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Fact Sheet on State Reporting Guidance for Unregulated Contaminant Monitoring
The Safe Drinking Water Act: A Pocket Guide to the Requirements for the Operators of Small Water Systems
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Total Coliform Rule: Implementation Manual (Including Appendix D)

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Lead Leaching from Submersible Well Pumps

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Secondary Drinking Water Regulations: Guidance for Nuisance
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Case Studies Assessing Low-Cost, In-Place Technologies at Small
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Evaluation of Demonstration Technologies: Quail Creek Water
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Helping Small Systems Comply with the Safe Drinking Water Act:
The Role of Restructuring

Lead and Copper Monitoring Guidance for Water Systems Serving
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Lead and Copper Monitoring Guidance for Water Systems Serving 101
to 500 Persons

Lead and Copper Monitoring Guidance for Water Systems Serving 501
to 3,300 Persons

A Learning Guide for State/Local Drinking Water Agreements

Pocket Sampling Guide for Operators of Small Water Systems:
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Possible Monitoring Requirements for the Disinfectants and
Disinfection By-Products (D/DBP) Regulations

Restructuring Manual

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Small Systems Technology Initiative: Evaluation of Demonstration
Technologies - Freestone, California Water System

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Fact Sheet on State Reporting Guidance for Unregulated Contaminant Monitoring
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Surface Water Treatment Rule: Implementation Manual (Including Appendix D)
Total Coliform Rule: Implementation Manual (Including Appendix D)

Surface Water Treatment Rule

Guidance on Enforcement of the Requirements of the Surface Water Treatment Rule
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Use of Microbial Risk Assessment in Setting U.S. Drinking Water Standards

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Federal Agency Ground Water Technical Assistance Directory
A Guide for Cost-Effectiveness and Cost-Benefit Analysis of State and Local Ground Water Protection Programs
Safe Drinking Water Hotline Factsheet

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Case Studies Assessing Low-Cost, In-Place Technologies at Small Water Systems
Consolidated Regulations for the Chemical Phases (DRAFT)
Drinking Water Handbook for Public Officials
Evaluation of Demonstration Technologies: Quail Creek Water Supply System
Lead and Copper Rule Guidance Manual. Volume II: Corrosion Control Treatment

Simulation of Raw Water and Treatment Parameters in Support of
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Possible Monitoring Requirements for the Disinfectants and
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WATERS: Well Activities Tracking, Evaluation and Reporting
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Fact Sheet on State Reporting Guidance for Unregulated
Contaminant Monitoring

Violations

Lead and Copper Rule: Definitions and Federal Reporting for
Milestones, Violations and SNCs

Volatile Organic Chemicals/Compounds

Pocket Sampling Guide for Operators of Small Water Systems:
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Drinking Water Handbook for Public Officials
Guide for Conducting Contaminant Source Inventories for Public
Drinking Water Supplies
Manual for the Certification of Laboratories Analyzing Drinking
Water: Criteria and Procedures, Quality Assurance; Third
Edition; Change 2 - September

Small Systems Technology Initiative: Evaluation of Demonstration
Technologies - Freestone, California Water System
Volunteer Monitoring

Water Quality Protection

Definitions for the Minimum Set of Data Elements for Ground Water
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Final National Guidance for Comprehensive State Ground Water
Protection Programs
Guide for Conducting Contaminant Source Inventories for Public
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Minimum Set of Data Elements for Ground Water Quality - Brochure
Volunteer Monitoring

Water Treatment

Simulation of Microbial Occurrence, Exposure and Health Risks
After Drinking Water Treatment Processes

Well Water Production

Lead Leaching from Submersible Well Pumps

Wellhead Protection

Case Studies in Wellhead Protection: Ten Examples of Innovative
Wellhead Protection Programs
Guide for Conducting Contaminant Source Inventories for Public
Drinking Water Supplies
Local Financing for Wellhead Protection
Wellhead Protection in Confined, Semi-Confined, Fractured, and
Karst Aquifer Settings

Wells

Class I Injection Wells and Your Drinking Water
Class II Injection Wells and Your Drinking Water
Class III Injections Wells and Your Drinking Water
Class V Injection Wells and Your Drinking Water
Lead Leaching from Submersible Well Pumps
Private Wells - Guidance for What to Do After the Flood
Underground Injection Wells and Your Drinking Water
WATERS: Well Activities Tracking, Evaluation and Reporting
System, Version 2.0

DIRECTORY OF DRINKING WATER TRAINING MATERIAL

Administration Recommendations for Safe Drinking Water Act Reauthorization

U.S. Environmental Protection Agency
Office of Water
September 1993
TRM, Report, 9 pages

Keywords: Safe Drinking Water Act (SDWA)/SDWA Amendments

This outlines EPA Administrator Carol Browner's ten recommendations for Safe Drinking Water Act Reauthorization.

Availability: Office of Water Resource Center
Cost: \$0.00
Order No.: 810/F-93-004

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Analysis of Potential Trade-Offs in Regulation of Disinfection By-Products

Cromwell III, J.; Zhang, X.; Letkiewicz, F.; Regli, S.; MacIer, B.
U.S. Environmental Protection Agency
Office of Water
November 1992
TRM, Manual, 196 pages

Keywords: analysis, disinfection/disinfection by-products, drinking water regulations, models

Executive order 12291 requires the preparation of a Regulatory Impact Analysis (RIA) on all new major federal regulations. The goal of an RIA is to develop and organize information on benefits, costs, and economic impacts so as to clarify trade-offs among alternative regulatory options. This paper outlines explicit methodology for assessing the technical potential for risk - risk trade-offs. The strategies used to cope with complexities and uncertainties in developing the Disinfection By-Products Regulatory Analysis Model are explained. Results are presented and discussed in light of uncertainties, and in light of the analytical requirements for regulatory impact analysis.

Availability: Office of Water Resource Center
Cost: \$0.00
Order No.: 811/R-92-008

Case Studies Assessing Low-Cost, In-Place Technologies at Small Water Systems

The Greeley-Polhemus Group, Inc.
Malcolm Pirnie, Inc.
U.S. Environmental Protection Agency
Office of Water
January 1994
TRM, Report, 86 pages

Keywords: small water systems, treatment techniques/technologies

These case studies are part of an effort to investigate and document the use of treatment technologies and to identify effective, economical and efficient methods of solving small water system problems. The results of the investigation are intended to assist state regulators in the evaluation and approval of these technologies in their states.

Availability: Office of Water Resource Center
Cost: \$0.00
Order No.: 810/R-94-001

Educational Resources Information Center
Cost: \$9.50
Order No.: 622G

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Case Studies in Wellhead Protection: Ten Examples of Innovative Wellhead Protection Programs

U.S. Environmental Protection Agency
Office of Water
December 1992
TRM, Manual, 35 pages

Keywords: ground water, wellhead protection

This technical assistance document assists state, local, and tribal water managers in developing, refining, and implementing wellhead protection programs by providing examples of programs already in place.

Availability: Office of Water Resource Center
Cost: \$0.00
Order No.: 813/R-92-002

Educational Resources Information Center
Cost: \$5.50
Order No.: 468G

Class I Injection Wells and Your Drinking Water
U.S. Environmental Protection Agency
Office of Water
July 1994
TRM, Brochure, 6 pages

Keywords: education, ground water, underground injection control, wells

This is one of a series of brochures describing underground injection wells and EPA's Underground Injection Control (UIC) regulatory program. If not properly sited, constructed and operated, these wells may threaten ground water resources used for public water supply systems.

Availability: Office of Water Resource Center
Cost: \$0.00
Order no.: 813/F-94-002

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Class II Injection Wells and Your Drinking Water
U.S. Environmental Protection Agency
Office of Water
July 1994
TRM, Brochure, 6 pages

Keywords: education, ground water, underground injection control, wells

This is one of a series of brochures describing underground injection wells and EPA's Underground Injection Control (UIC) regulatory program. If not properly sited, constructed and operated, these wells may threaten ground water resources used for public water supply systems.

Availability: Office of Water Resource Center
Cost: \$0.00
Order no.: 813/F-94-003

Class III Injection Wells and Your Drinking Water

U.S. Environmental Protection Agency

Office of Water

July 1994

TRM, Brochure, 6 pages

Keywords: education, ground water, underground injection control,
wells

This is one of a series of brochures describing underground injection wells and EPA's Underground Injection Control (UIC) regulatory program. If not properly sited, constructed and operated, these wells may threaten ground water resources used for public water supply systems.

Availability: Office of Water Resource Center

Cost: \$0.00

Order no.: 813/F-94-004

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Class III Injection Wells and Your Drinking Water

U.S. Environmental Protection Agency

Office of Water

July 1994

TRM, Brochure, 6 pages

Keywords: education, ground water, underground injection control,
wells

This is one of a series of brochures describing underground injection wells and EPA's Underground Injection Control (UIC) regulatory program. If not properly sited, constructed and operated, these wells may threaten ground water resources used for public water supply systems.

Availability: Office of Water Resource Center

Cost: \$0.00

Order no.: 813/F-94-004

Class V Injection Wells and Your Drinking Water
U.S. Environmental Protection Agency
Office of Water
July 1994
TRM, Brochure, 6 pages

Keywords: education, ground water, underground injection control, wells

This is one of a series of brochures describing underground injection wells and EPA's Underground Injection Control (UIC) regulatory program. If not properly sited, constructed and operated, these wells may threaten ground water resources used for public water supply systems.

Availability: Office of Water Resource Center
Cost: \$0.00
Order no.: 813/F-94-005

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Consolidated Regulations for the Chemical Phases (DRAFT)
U.S. Environmental Protection Agency
Office of Water
April 1994
TM, Guidance Manual, 50 pages

Keywords: drinking water regulations, inorganic chemicals/contaminants, maximum contaminant levels/maximum contaminant level goals, monitoring, organic chemicals/contaminants, public education/notification, treatment techniques/technologies

This manual discusses the drinking water regulations, and outlines maximum contaminant levels and goals; monitoring and analytical requirements; reporting, public notification and recordkeeping; special regulations, including monitoring regulations and prohibition on lead use; use of non-centralized treatment devices; and treatment techniques.

Availability: Office of Water Resource Center
Cost: \$0.00
Order No.: 812/D-94-001

Consolidated Rule Summary for the Chemical Phases

U.S. Environmental Protection Agency

Office of Water

April 1994

TM, Guidance Manual, 44 pages

Keywords: drinking water regulations, inorganic chemicals/contaminants, maximum contaminant levels/maximum contaminant level goals, monitoring

This summarizes the U.S. Environmental Protection Agency's National Primary Drinking Water Regulations for chemical contaminants regulated under Phases I, II, IIB and V. The standardized monitoring framework was originally promulgated under the Phase II Rule and revised under Phases IIB and V.

Availability: Office of Water Resource Center

Cost: \$0.00

Order No.: 812/S-94-001

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Controlling Microbial Contaminants and Disinfectants-Disinfection

By-products: Benefits and Costs

U.S. Environmental Protection Agency

Office of Water

June 1994

TRM, Factsheet, 2 pages

Keywords: costs/cost estimating, disinfection/disinfection by-products, microbiological contaminants, treatment techniques/technologies

This factsheet summarizes the feasibility of treatment for disinfection by-product (DBP) control and estimates the costs of compliance.

Availability: Educational Resources Information Center

Cost: \$.35

Order No.: 707G

Customer Incentives for Water Conservation: A Guide

U.S. Environmental Protection Agency

Office of Water

February 1994

TM, Guidance Manual, 148 pages.

Keywords: conservation/conservation plans, management &
administration

This document discusses types of incentives to offer water consumers and how to manage and optimize incentive programs. This document is intended to help water agencies design and evaluate programs on a rational, thoughtful basis.

Availability: Educational Resources Information Center
Cost: \$16.25
Order No.: 480W

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DBP/ICR Analytical Methods Guidance Manual: Public Comment Draft

U.S. Environmental Protection Agency

Office of Water

January 1994

TM, Guidance Manual, 121 pages

Keywords: analysis/analytical methods, disinfection/disinfection
by-products

This guidance manual lists the analytical methods to be used for the Disinfectant By-Products/Information Collection Rule. This manual is available for public comment. Such comments will assist EPA in revising the manual to ensure it meets the goal of providing practical criteria for establishing and maintaining a group of laboratories capable of providing accurate and precise data for the Rule.

Availability: National Technical Information Service
Cost: \$27.00 paper/ \$12.50 microfiche
Order No.: PB94-154077

Definitions for the Minimum Set of Data Elements for Ground Water Quality

U.S. Environmental Protection Agency
Office of Ground Water and Drinking Water
TRM, Guidance Manual,

Keywords: data elements, ground water, water quality protection

This document identifies and defines a minimum set of 21 data elements for ground water quality. It presents the definitions for a minimum set of key ground water data elements that are needed to share data efficiently within the ground water community at all levels of government.

Availability: National Technical Information Service
Cost: \$54.00
Order No.: PB93-157600

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Drinking Water Glossary: A Dictionary of Technical and Legal Terms Related to Drinking Water

U.S. Environmental Protection Agency
Office of Water
June 1994
TRM, Bibliography, 34 pages

Keywords: bibliography, drinking water regulations

This booklet defines the technical and legal terms used in relation to drinking water.

Availability: Office of Water Resource Center
Cost: \$ 0.0
Order No.: 810/B-94-00

Drinking Water Handbook for Public Officials
U.S. Environmental Protection Agency
Office of Water
December 1992
TM, Handbook, 62 pages

Keywords: education, public water systems, treatment
techniques/technologies, water quality, water quality
protection

This handbook was created especially for public officials to assist them in understanding water system operations. Explanations are provided from the standpoint of a decisionmaker, and discuss how public water systems work and why they must be properly constructed, maintained, and operated.

Availability: Office of Water Resource Center
Cost: \$ 0.0
Order No.: 810/B-92-016

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Drinking Water Publication List: An Annotated Bibliography of EPA and non-EPA Technical, Managerial, Educational and General Information Materials
U.S. Environmental Protection Agency
Office of Drinking Water
October 1993
TRM, Bibliography, 31 pages

Keywords: bibliography, drinking water regulations, publications

This annotated bibliography lists, by subject, publications related to the safety, provision and management of drinking water.

Availability: Office of Water Resource Center
Cost: \$0.00
Order No.: EPA 810/B-93-003

Drinking Water Regulations and Health Advisories
U.S. Environmental Protection Agency
Office of Water
November 1994
TRM, Tables, 15 pages

Keywords: contaminants, drinking water regulations, health/health effects, inorganic chemicals, maximum contaminant levels/maximum contaminant level goals

These tables list drinking water contaminants, the status of their regulation, MCLs, MCLGs, and health advisory information.

Availability: Office of Water Resource Center
Cost: \$0.00
Order No.: 822/R-94-003

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Drinking Water Standard Setting: Question and Answer Primer
U.S. Environmental Protection Agency
Office of Water
November 1994
TRM, Report, 90 pages

Keywords: compliance, drinking water regulations, education

The primer was developed to answer questions posed by various segments of the public, from students to public utilities about EPA's drinking water regulations under the Safe Drinking Water Act. The primary audience is state and local officials. The primer follows a question and answer format.

Availability: Office of Water Resource Center
Cost: \$0.00
Order no.: 811/K-94-001

A Drinking Water State Revolving Fund
U.S. Environmental Protection Agency
Office of Water
1993
TM, Factsheet, 6 pages

Keywords: compliance, public water systems, state
programs/regulations

This outlines President Clinton's proposal for a new Drinking Water State Revolving Fund to help public water systems comply with the Safe Drinking Water Act.

Availability: Educational Resources Information Center
Cost: \$ 1.95
Order No.: 122G

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Drinking Water Training Resources Directory: A National Training Coalition Directory of Current Training Materials
National Training Coalition
1992
TRM, Bibliography, 148 pages

Keywords: bibliography, education

This is a bibliography of drinking water training materials produced by the American Water Works Association, the Association of State Drinking Water Administrators, the National Rural Water Association, the Rural Community Assistance Program, the National Environmental Training Association, and the U.S. Environmental Protection Agency. Ordering information is included for the items listed.

Availability: Educational Resources Information Center
Cost: \$16.25
Order No.: 655G

National Technical Information Service
Cost: \$27.00
Order No.: PB93-202802

Emergency Disinfection of Drinking Water
U.S. Environmental Protection Agency
Office of Water
July 1993
TM, Factsheet, 3 pages

Keywords: disinfection/disinfection by-products, emergency response

This fact sheet outlines boiling and chemical treatment as emergency methods to disinfect water.

Availability: Office of Water Resource Center
Cost: \$ 0.0
Order No.: 810/F-93-002

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EPA's Ground Water and Drinking Water Program: Making a Difference

U.S. Environmental Protection Agency
Office of Water
October 1992
TRM, Annual Report, 40 pages

Keywords: annual report, EPA Office of Ground Water and Drinking water

This is the first annual report highlighting the successes of EPA's newly formed Office of Ground Water and Drinking Water and its counterparts in the EPA regional offices. The report chronicles a year of change and progress and describes plans for meeting the many important challenges facing the program.

Availability: Office of Water Resource Center
Price: \$0.00
Order No.: 810/R-92-001

Evaluation of Demonstration Technologies: Quail Creek Water Supply System

U.S. Environmental Protection Agency
Office of Water
February 1993
TRM, Report, 40 pages

Keywords: small water systems, treatment techniques/technologies

In order to facilitate the development and use of simple, inexpensive drinking water treatment technologies for use by small water systems (<3,300 persons), the U.S. EPA established the Small System Technology and Training Support Initiative. Demonstration sites for the water treatment equipment are based upon specific contaminant problems and geographic location. This document discusses the ongoing demonstration of central and household treatment units at the Quail Creek system near Spicewood, Texas.

Availability: Educational Resources Information Center
Cost: \$4.00
Order No.: 406G

Fact Sheet: 1995 SRF Needs Survey for Drinking Water

U.S. Environmental Protection Agency
Office of Ground Water and Drinking Water
September 1994
TRM, Factsheet, 2 pages

Keywords: public water systems, state programs/regulations, surveys

This summarizes the EPA's plan to launch its first nationwide survey of drinking water systems' infrastructure investment needs. EPA wants to know how much money drinking water systems nationwide will have to invest in order to comply with current and future federal regulations, replace aging infrastructure, and consolidate with or acquire neighboring systems. The results will be made public in a report to Congress slated for release in February 1996. Survey results will be used to allocate State Revolving Fund monies to the states. The states will lend the funds to drinking water systems that are making improvements to their infrastructure.

Availability: Office of Water Resource Center
Cost: \$0.00
Order No.: 812/F-94-003

Fact Sheet on State Reporting Guidance for Unregulated Contaminant Monitoring
U.S. Environmental Protection Agency
Office of Water
August 1994
TM, Factsheet, 2 pages

Keywords: monitoring, reporting, state programs/regulations, unregulated contaminants

This summarizes the *State Reporting Guidance for Unregulated Contaminant Monitoring*, a guidance document intended for use by states and regions in reporting unregulated contaminant data to EPA Headquarters.

Availability: Office of Water Resource Center
Cost: \$0.00
Order No.: 812/F-94-001

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Federal Agency Ground Water Technical Assistance Directory
U.S. Environmental Protection Agency
Office of Water
TRM, Directory, 176 pages

Keywords: ground water, technical assistance

This directory identifies sources of federal hydrogeologic assistance available to state agencies in developing their Comprehensive State Ground Water Protection Programs. This assistance may help states characterize their ground water resources, identify impacts on the resource and obtain data useful in prioritizing ground water resource demands.

Availability: Office of Water Resource Center
Cost: \$0.00
Order No.: 813/B-93-003

**Federal Register Citations for the Safe Drinking Water Act: A
Compilation of References**

U.S. Environmental Protection Agency
Office of Water
TRM, Bibliography, 36 pages

Keywords: bibliography, publications, Safe Drinking Water Act
(SDWA)/SDWA Amendments

This lists the dates and titles of the most important Federal
Register notices dealing with drinking water.

Availability: Office of Water Resource Center
Cost: \$0.00
Order No.: 810/B-94-004

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**Final National Guidance for Comprehensive State Ground Water
Protection Programs**

U.S. Environmental Protection Agency
Office of Ground Water and Drinking Water
January 1993
TRM, Guidance Manuals

Keywords: data management, ground water, state
programs/regulations, water quality protection,

This national guidance includes the following four documents:

1. Definitions for the Minimum Set of Data Elements for
Ground Water Quality (also listed separately in this
directory)
2. Final Comprehensive State Ground Water Protection
Program Guidance
3. Policy Order 7500.1A
4. Memo on Final National Guidance for Comprehensive State
Ground Water Protection Programs

The guidance assists states in their efforts to comprehensively
protect the nation's ground water resources, and provides a
framework for a strong state-federal alliance. Its comprehensive
approach is intended to empower states with the primary role in
coordinating all ground water related programs and therefore,
will require changes in a number of key Federal programs.

Availability: Educational Resources Information Center
Cost: \$30.50
Order No.: G-347

Fluoride in Drinking Water (Fact Sheet)

U.S. Environmental Protection Agency

Office of Water

TM, Fact Sheet, 1 page

Keywords: fluoride

This sheet outlines the drinking water standards for fluoride and discusses the findings and conclusions of studies examining the effect of fluoride in drinking water.

Availability: Office of Water Resource Center

Cost: \$0.00

Order No.: 822/F-93-010

Framework for Decision Making: An EPA Perspective

Regli, S.; Cromwell, J.; Zhang, X.; Gelderloos, A.; Grubbs, W.; Letkiewicz, F.; Macler, B.

U.S. Environmental Protection Agency

Office of Drinking Water

August 1992

TRM, Report, 78 pages

Keywords: disinfection/disinfection by-products,
drinking water regulations, maximum contaminant
levels/maximum contaminant level goals

The U.S. Environmental Protection Agency (EPA) is developing national regulations to control for disinfectants and disinfection by-products (D/DBPs) in public drinking water supplies. A fundamental goal in setting any new regulation is to be able to conclude with confidence that the resultant changes in treatment would lead to a significant overall decrease in risk to public health. This paper describes the analysis that the EPA is undertaking in pursuit of meeting this goal.

Availability: Educational Resources Information Center

Cost: \$8.25

Order No.: 198D

National Technical Information Service

Cost: \$19.00

Order No.: PB93-134369

Ground Water Resource Assessment
U.S. Environmental Protection Agency
Office of Water
October 1993
TM, Manual, 242 pages

Keywords: assessments, ground water

This document is intended to provide guidance to state resource managers who are conducting a ground water resource assessment. For the purposes of this document, EPA defines a resource assessment as the collection, analysis, and presentation of existing and new data on a) geology and hydrogeology, b) ground water vulnerability, c) current and potential land use, d) current and potential aquifer use; a resource assessment also uses these data in making ground water protection decisions .

Availability: Educational Resources Information Center
Cost: \$25.00
Order No.: 668G

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Guidance on Enforcement of the Requirements of the Surface Water Treatment Rule

U.S. Environmental Protection Agency
Office of Water
June 1992
TM, Guidance Manual, 24 pages

Keywords: enforcement, Surface Water Treatment Rule

The Surface Water Treatment Rule will reduce public exposure to waterborne microbiological contaminants by requiring filtration of certain systems by June 29, 1993. Consequently, because of the public health risk and the impending deadline, enforcement of the rule is given a very high priority. This memo provides guidance on the rule as applied to unfiltered systems remaining unfiltered and unfiltered systems which must filter. The guidance encourages (1) cooperation in State and federal enforcement; (2) bringing judicial enforcement actions before June 29, 1993; (3) combining actions against small systems; (4) prioritizing judicial actions on size, risk, and resources; and (5) addressing small systems with judicial, rather than administrative, proceedings.

Availability: National Technical Information Service
Cost: \$17.50
Order No.: PB93-186633

Guide for Conducting Contaminant Source Inventories for Public Drinking Water Supplies

U.S. Environmental Protection Agency
Office of Ground Water and Drinking Water

December 1991

TM, Guidance Manual, 116 pages

Keywords: contaminants, public water systems, water quality, water quality protection, wellhead protection

This technical assistance document assists state and local water managers in developing and refining methods and procedures for inventorying existing and potential sources of contamination within wellhead protection areas. This document discusses the design, structure, and function of contaminant source inventories. There are detailed discussions of contaminant sources of concern and methodologies for identifying these sources. There are also suggestions on how to manage the information collected on these sources and how to use this information to protect public drinking water supplies. This document also contains case studies of contaminant source inventories, which are excellent examples of wellhead protection in action.

Availability: Educational Resources Information Center

Cost: \$12.00

Order No.: 651G

A Guide for Cost-Effectiveness and Cost-Benefit Analysis of State and Local Ground Water Protection Programs

U.S. Environmental Protection Agency

Office of Water

April 1993

TRM, Manual, 118 pages

Keywords: analysis/analytical methods, ground water, technical assistance

This guide familiarizes state and local ground water program managers with the tools of economic analysis. It shows how these tools can be used to evaluate ground water programs through cost-effectiveness or cost-benefit analyses. Case studies show the practical application of cost analysis, cost-effectiveness analysis, and cost-benefit analysis. A bibliography is included.

Availability: Office of Water Resource Center

Cost: \$0.00

Order No.: 813/R-93-001

Educational Resources Information Center

Cost: \$12.25

Order No.: 469G

Guide to Ground Water Supply Contingency Planning for Local and State Governments

Simon, R.A.

U.S. Environmental Protection Agency

EPA Ground Water Protection Division

May 1990

TM, Guidance Manual, 148 pages

Keywords: emergency planning, ground water, public water systems, state programs/regulations

This document is intended to assist states and communities in designing and implementing plans for the replacement and maintenance of public drinking water supplies that come from ground water sources, particularly in the event of supply and service interruptions caused by chemical or biological contamination or physical disruptions.

Availability: Educational Resources Information Center

Cost: \$16.00

Order No.: 647G

National Technical Information Service

Cost: \$26.00

Order No.: PB91-145755

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**Helping Small Systems Comply with the Safe Drinking Water Act:
The Role of Restructuring**

Office of Water

U.S. Environmental Protection Agency

September 1992

TRM, Brochure, 8 pages

Keywords: compliance, restructuring, Safe Drinking Water Act, small water systems

This brochure answers some of the most commonly asked questions about restructuring and provides sources of additional information. It is often distributed with the Restructuring Manual, also included in this directory.

Availability: Office of Water Resource Center

Cost: \$ 0.00

Order No.: 812/K-92-001

National Technical Information Service

Cost: \$39.00

Order No.: PB93-180842

Indian Primacy Procedures Handbook for the Public Water System Supervision (PWSS) Program and the Underground Injection Control (UIC) Program

U.S. Environmental Protection Agency
Office of Water
March 1993
TM, Manual, 196 p.

Keywords: Indian tribes, management and administration, primacy, Public Water System Supervision Program, underground injection control

This handbook defines primacy, the responsibilities of primacy, primacy's advantages and limitations, and how to seek primacy.

Availability: Educational Resources Information Center
Cost: \$20.00
Order No.: 635G

National Technical Information Service
Cost: \$27.00
Order No.: PB93-185585

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Information Collection Rule Fact Sheet

U.S. Environmental Protection Agency
Office of Water
TM, Fact Sheet, 2 pages

Keywords: ground water disinfection/Ground Water Disinfection Rule

This fact sheet gives a brief synopsis of the requirements of the proposed Information Collection Rule, including microbial monitoring, disinfection byproduct monitoring, and bench-and pilot-scale testing.

Availability: Office of Water Resource Center
Cost: \$0.00
Order No.: 814/F-94-001

Innovative Options for Financing Nongovernmental Public Water Supplies' Needs

U.S. Environmental Protection Agency
Office of Ground Water and Drinking Water
September 1993
TM, Report, 29 pages

Keywords: community water systems, financial
characteristics/financing, public water systems

This document describes a range of alternative funding mechanisms available to assist small, non-public drinking water systems in financing infrastructure improvements needed to stay in compliance with state and federal regulations.

Availability: National Technical Information Service
Cost: \$ 17.50
Order No.: PB94-109600

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Institutional Solutions to Drinking Water Problems: Maine Case Studies

U.S. Environmental Protection Agency
Office of Water
March 1993
TM, Case Studies, 26 p.

Keywords: drinking water regulations, financial
characteristics/financing, non-public water systems,
public water systems, restructuring, wells

This paper recounts how four Maine communities sought and found institutional solutions to drinking water problems. Each scenario describes the system, outlines the problems, reviews the chronology of events, points out the lessons learned and gives the system's current status.

Availability: Educational Resources Information Center
Cost: \$2.75
Order No.: 631G

National Technical Information Service
Cost: \$17.50
Order No.: PB93-180834

Is Your Drinking Water Safe?

Office of Water
U.S. Environmental Protection Agency
May 1994
TRM, Booklet, 19 pages.

Keywords: contaminants, drinking water regulations, health/health effects, maximum contaminant levels/maximum contaminant level goals

This pamphlet updates previous booklets of the same title. It discusses the Safe Drinking Water Program, the national approach and the states' role. It also discusses the requirements for public notification and the primary and secondary drinking water standards.

Availability: Office of Water Resource Center
Cost: \$0.00
Order No.: 810/F-94-002

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Lead and Copper Monitoring Guidance for Water Systems Serving <100 Persons

Office of Water
U.S. Environmental Protection Agency
May 1992
TM, Guidance Manual, 40 pages

Keywords: copper, drinking water regulations, lead, Lead/Copper Rule, monitoring, small water systems

The U.S. Environmental Protection Agency promulgated National Primary Drinking Water Regulations for lead and copper on June 7, 1991. This manual provides guidance for lead and copper monitoring for water systems serving <100 people. It outlines how to conduct a materials evaluation to identify lead and copper sampling sites, how and when to collect lead and copper tap water samples, how and when to collect water quality parameter samples, and how and when to collect lead and copper source water samples. It also gives schedules and sample forms and worksheets.

Availability: Educational Resources Information Center
Cost: \$4.00
Order No.: 400D

National Technical Information Service
Cost: \$17.50
Order No.: PB93-159002

Lead and Copper Monitoring Guidance for Water Systems Serving 101 to 500 Persons

Office of Water

U.S. Environmental Protection Agency

May 1992

TM, Guidance Manual, 40 pages

Keywords: copper, drinking water regulations, lead, Lead/Copper Rule, monitoring, small water systems

The U.S. Environmental Protection Agency promulgated National Primary Drinking Water Regulations for lead and copper on June 7, 1991. This manual gives lead and copper monitoring guidance for water systems serving 101 to 500 persons. It tells how to conduct a materials evaluation to identify lead and copper sampling sites, how and when to collect lead and copper tap water samples, how and when to collect water quality parameter samples, and how and when to collect lead and copper source water samples. It also gives schedules and sample forms and worksheets.

Availability: Educational Resources Information Center
Cost: \$4.00
Order No.: 401D

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Lead and Copper Monitoring Guidance for Water Systems Serving 501 to 3,300 Persons

Office of Water

U.S. Environmental Protection Agency

May 1992

TM, Guidance Manual, 40 pages

Keywords: copper, drinking water regulations, lead, Lead/Copper Rule, monitoring, small water systems

The U.S. Environmental Protection Agency promulgated National Primary Drinking Water Regulations for lead and copper on June 7, 1991. This manual gives guidance to water systems serving 501 to 3,300 persons on monitoring levels of lead and copper. It tells how to conduct a materials evaluation to identify lead and copper sampling sites, discusses how and when to collect lead and copper tap water samples, how and when to collect water quality parameter samples, and how and when to collect lead and copper source water samples. It also gives schedules and sample forms and worksheets.

Availability: Educational Resources Information Center
Cost: \$4.00
Order No.: 402D

**Lead and Copper Monitoring Guidance for Water Systems Serving
3,301 to 10,000 Persons**

Office of Water

U.S. Environmental Protection Agency

May 1992

TM, Guidance Manual, 40 pages

Keywords: copper, drinking water regulations, lead, Lead/Copper
Rule, medium water systems, monitoring

The U.S. Environmental Protection Agency promulgated National Primary Drinking Water Regulations for lead and copper on June 7, 1991. This manual gives monitoring guidance for water systems serving 3,301 to 10,000 persons. It outlines how to conduct a materials evaluation to identify lead and copper sampling sites, how and when to collect lead and copper tap water samples, how and when to collect water quality parameter samples, and how and when to collect lead and copper source water samples. It also offers schedules and sample work forms.

Availability: Educational Resources Information Center
Cost: \$4.00
Order No: 403D

National Technical Information Service
Cost: \$17.50
Order No.: PB93-174548

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**Lead and Copper Rule: Definitions and Federal Reporting for
Milestones, Violations and SNCs**

Office of Water

U.S. Environmental Protection Agency

May 1992

TM, Guidance Manual, 76 pages

Keywords: compliance, copper, drinking water regulations, lead,
Lead/Copper Rule, monitoring, violations

This document contains the requirements for State reporting to EPA and the definitions for violations and significant noncompliers under the Lead and Copper Rule.

Availability: Educational Resources Information Center
Cost: \$ 7.50
Order No.: 405D

National Technical Information Service
Cost: \$19.50
Order No.: PB93-156131

Lead and Copper Rule Guidance Manual. Volume II: Corrosion Control Treatment

U.S. Environmental Protection Agency

Office of Water

September 1992

TM, Guidance Manual, 224 pages

Keywords: copper, corrosivity/corrosion control, lead, plumbing/plumbing code, treatment techniques/technologies

This volume focuses on the evaluation of corrosion control treatment options and optimization of the full-scale treatment. The manual discusses the procedures that can be used by water systems to determine the appropriate corrosion control treatment. It also discusses the available testing protocols for conducting the demonstration studies that many large systems will be required to perform prior to making their treatment recommendation to the State. For smaller systems, the manual contains a summary of case studies separated by the raw water quality to assist these systems in making their treatment recommendation to the State. The manual also provides a guidance to assist State regulatory agencies in reviewing data from corrosion control studies and in specifying optimal water quality parameters. An additional chapter provides guidance on the lead service line replacement.

Availability: National Technical Information Service

Cost: \$36.50

Order No.: PB93-101533

Lead in Drinking Water: An Annotated List of Publications

U.S. Environmental Protection Agency

Office of Water

October 1993

TRM, Bibliography, 12 pages

Keywords: bibliography, lead, publications

EPA and other organizations dealing with water quality have published a number of documents targeted for a variety of audiences potentially affected by the Lead and Copper Rule. This list is a compilation of selected publications for these organizations. The list provides overview information on the scope, content and availability of publications focusing on the Rule.

Availability: Office of Water Resource Center

Cost: \$0.00

Order No.: 812/K-93-001

Lead in Drinking Water: Guidance for Conducting a Community-Based Public Education Program on Lead in Drinking Water

Cohen, J.

U.S. Environmental Protection Agency

Office of Ground Water and Drinking Water

July 1992

TM, Guidance Manual, 82 pages

Keywords: compliance, copper, drinking water regulations, education, lead, lead/copper rule

This document provides information to water suppliers on how to conduct a community-based public education program on lead in drinking water to ensure compliance with EPA's final Lead and Copper Rule. Information includes the following: organizing a community task force, developing an action plan, preparing public education materials, developing a water-testing program, and implementing the program. Sample public education materials are included as exhibits.

Availability: National Technical Information Service

Cost: \$19.50

Order No.: PB93-101079

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Lead in Drinking Water in Schools and Non-Residential Buildings

U.S. Environmental Protection Agency

Office of Water

April 1994

TM, Guidance Manual, 98 pages

Keywords: lead, Lead Contamination Control Act, public water systems, schools

This manual demonstrates how drinking water in schools and non-residential buildings can be tested for lead and how contamination problems can be corrected. The manual is intended for use by officials responsible for the maintenance and/or safety of these facilities.

Availability: Office of Water Resource Center

Cost: \$0.00

Order No.: 812/B-94-002

Lead in Your Drinking Water: Actions You Can Take to Reduce Lead in Drinking Water

U.S. Environmental Protection Agency

Office of Water

TM, Brochure, 4 pages

Keywords: education, lead, public water systems

This brochure outlines what consumers can do to reduce lead in their drinking water. It also gives information about water testing and about the health effects of lead.

Availability: Office of Water Resource Center

Price: \$0.00

Order No.: 810/F-93-001

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Lead Leaching from Submersible Well Pumps

U.S. Environmental Protection Agency

Office of Water

TRM, Fact Sheet, 12 pages

Keywords: lead, pumps/pumping equipment, safety, well water production, wells

This fact sheet is concerned with drinking water submersible well pumps. Some submersible well pumps are made of stainless steel and plastic components but the majority are constructed with brass fittings contained in a cast brass housing. While the plastic and stainless pumps do not pose a problem with lead leaching, EPA is concerned for residents of homes and other buildings with submersible well pumps made with brass fittings, because the brass alloys used in such pumps contain lead. These pumps have the potential to leach high levels of lead into drinking water, especially if the water is soft and corrosive.

Availability: Educational Resources Information Center

Cost: \$1.95

Order No.: 697G

A Learning Guide for State/Local Drinking Water Agreements

The National Environmental Health Association

U.S. Environmental Protection Agency

Office of Ground Water and Drinking Water

?1992

TM, Manual, 137 pages

Keywords: drinking water regulations, public water systems, Safe Drinking Water Act, small water systems, state programs/regulations

The 1986 Amendments to the Safe Drinking Water Act mandated sweeping changes in the scope and costs of State Drinking Water Programs. Some states are maximizing available resources by relying on local governments to carry out some of their drinking water responsibilities. This guidebook was developed to provide states and local governments with practical advice and suggestions about formal agreements related to Safe Drinking Water Act responsibilities.

Availability: Educational Resources Information Center
Cost: \$15.00
Order No.: 473G

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Local Financing for Wellhead Protection

U.S. Environmental Protection Agency

EPA Ground Water Protection Division

June 1992

TRM, Manual, 57 pages

Keywords: financial characteristics/financing, ground water, state programs/regulations, wellhead protection

The 1986 Amendments to the Safe Drinking Water Act (SDWA) established a new Wellhead Protection (WHP) Program to protect ground waters that supply well and well fields that contribute drinking water to public water supply systems. This document provides information to State and local managers of water quality and water supply about financing approaches to support wellhead protection initiatives. This information may help managers match funding options to protection activities during development and financial planning of their own WHP Program. This document discusses WHP initiatives, sources of funds, institutional options, and includes case studies of five WHP Programs.

Availability: Office of Water Resource Center
Cost: \$0.00
Order No.: 440/6-89-001

Manual for the Certification of Laboratories Analyzing Drinking Water: Criteria and Procedures, Quality Assurance; Third Edition; Change 2 - September

Office of Ground Water and Drinking Water
U.S. Environmental Protection Agency
Cincinnati, Ohio
September 1992
TM, Guidance Manual, 40 pages

Keywords: Analysis/Analytical Methods, Laboratory/Laboratory Certification, Water Quality

This is the second change to the Manual for the Certification of Laboratories Analyzing Drinking Water of October 1982. This is a collection of pages that supersede pages in the original manual.

Availability: National Technical Information Service
Cost: \$35.00
Order No.: PB93-145688

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Minimum Set of Data Elements for Ground Water Quality - Brochure

U.S. Environmental Protection Agency
Office of Ground Water and Drinking Water
1993
TRM, Brochure, 11 pages

Keywords: data management, ground water, water quality protection

This brochure discusses the establishment of the minimum set of data elements for ground water quality (MSDE). The MSDE is the minimum number of elements necessary to use ground water quality data across related programs. It is a set of 21 ground water quality-related data elements that contain geographic, well and sample descriptors. These data elements form a standard data set that EPA and states can use to support better environmental decision-making and promote the integration of related environmental programs. This brochure lists and defines the elements that comprise the MSDE.

Availability: Office of Water Resource Center
Cost: \$0.00
Order No.: 813/B-93-001

**Monitoring Requirements for Lead and Copper Rules: Water Systems
Serving 10,001 to 50,000 Persons**

Office of Water
U.S. Environmental Protection Agency
March 1992
TM, Guidance Manual, 68 pages

Keywords: copper, drinking water regulations, lead, Lead/Copper Rule, medium water systems, monitoring

The U.S. Environmental Protection Agency promulgated National Primary Drinking Water Regulations for lead and copper on June 7, 1991. Three monitoring protocols are included in the final rule: (1) tap water monitoring for lead and copper; (2) water quality parameter monitoring; and (3) source water monitoring for lead and copper. This guidance document outlines the monitoring practices and procedures required of water systems serving 10,001 to 50,000 persons.

Availability: Educational Resources Information Center
Cost: \$6.75
Order No.: 404D

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**Monitoring Requirements for Lead and Copper Rules: Water Systems
Serving 50,001 to 100,000 Persons**

Office of Water
U.S. Environmental Protection Agency
December 1991
TM, Guidance Manual, 68 pages

Keywords: copper, drinking water regulations, large water systems, lead, Lead/Copper Rule, monitoring

The U.S. Environmental Protection Agency promulgated National Primary Drinking Water Regulations for lead and copper on June 7, 1991. This manual outlines how to conduct a materials evaluation to identify lead and copper sampling sites, how and when to collect lead and copper tap water samples, how and when to collect water quality parameter samples, and how and when to collect lead and copper source water samples. It also gives schedules and sample forms and worksheets.

Availability: Educational Resources Information Center
Cost: \$6.50
Order No.: 422D

**Monitoring Requirements for Lead and Copper Rules: Water Systems
Serving >100,000 Persons**

Office of Water
U.S. Environmental Protection Agency
December 1991
TM, Guidance Manual, 68 pages

Keywords: copper, drinking water regulations, large water
systems, lead, Lead/Copper Rule, monitoring

The U.S. Environmental Protection Agency promulgated National Primary Drinking Water Regulations for lead and copper on June 7, 1991. This manual outlines the lead and copper monitoring requirements for water systems serving >100,000 persons. It discusses how to conduct a materials evaluation to identify lead and copper sampling sites, how and when to collect lead and copper tap water samples, how and when to collect water quality parameter samples, and how and when to collect lead and copper source water samples. It also gives schedules and sample forms and worksheets.

Availability: Educational Resources Information Center
Cost: \$ 6.75
Order No.: 423D

National Technical Information Service
Cost: \$19.50
Order No.: PB93-174563

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National Primary Drinking Water Regulations, 40 CFR Parts 141-143

U.S. Environmental Protection Agency
Office of Water
January 1995
TRM, Report, 184 pages

Keywords: compliance, drinking water regulations, public water
systems, Safe Drinking Water Act Amendments

40 CFR Parts 141-143 establish the primary drinking water regulations pursuant to Section 1412 of the Public Health Service Act, as amended by the Safe Drinking Water Act (pub.L. 93-523) and related regulations applicable to public water systems.

Availability: Office of Water Resource Center
Cost: \$0.00
Order no.: 810/B-95-002

National Primary Drinking Water Standards (Fact Sheet)

U.S. Environmental Protection Agency

Office of Water

February 1994

TM, Fact Sheet, 2 pages or 4 pages

Keywords: drinking water regulations, health/health effects,
maximum contaminant levels/maximum contaminant level
goals, inorganic chemicals/contaminants

This fact sheet lists the regulated drinking water contaminants, their MCLs, MCLGs, the potential health effects from ingestion of water, and sources of the contaminants in drinking water.

This is available as a 2-page fact sheet or in larger type as a 4-page fact sheet.

Availability: Office of Water Resource Center

Cost: \$0.00

Order No.: 810/F-94-001 (2 pages) or

810/F-94-001A (4 pages)

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The National Public Water System Supervision Program: FY 1993 Compliance Report

U.S. Environmental Protection Agency

March 1994

TRM, Report, 77 pages

Keywords: compliance, Public Water System Supervision Program

EPA established the Public Water System Supervision (PWSS) Program under the authority of the 1974 Safe Drinking Water Act (SDWA). Under the SDWA and the 1986 Amendments, EPA sets national limits on contaminant levels in drinking water to ensure that the water is safe for human consumption. The Agency regulates how often water systems monitor their water for contaminants and report the monitoring results to the States or EPA. In addition, EPA requires PWSs to monitor for unregulated contaminants to provide data on occurrences for future regulatory development and requires PWSs to notify the public when they have violated any of the regulations. EPA stores data about public water systems' inventory statistics, the incidence of violations, and the enforcement actions taken against violators in an automated database called the Federal Reporting Data System (FRDS). This compliance report is based largely on data retrieved from FRDS.

Availability: Educational Resources Information Center

Cost: \$ 9.25

Order No.: 704G

Occurrence Assessment for Disinfectants and Disinfection By-Products (Phase 6a) in Public Drinking Water

Wade Miller Associates, Inc.

U.S. Environmental Protection Agency

Office of Water

August 1992

TRM, Report, 60 pages

Keywords: assessments, disinfection/disinfection by-products,
maximum contaminant levels/maximum contaminant level
goals, public water systems

The EPA Office of Ground Water and Drinking Water is currently developing national primary drinking water regulations for disinfectant and disinfection by-product contaminants. Thirteen contaminants are being considered for regulation under Phase 6. These contaminants, referred to as Phase 6a, are the subjects of this report.

Availability: Educational Resources Information Center
Cost: \$6.00
Order No.: 192D

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Office of Ground Water and Drinking Water

U.S. Environmental Protection Agency

Office of Water

September 1993

TRM, Factsheet, 4 pages

Keywords: drinking water regulations

This fact sheet outlines the EPA Office of Ground Water and Drinking Water's mission and programs.

Availability: Office of Water Resource Center
Cost: \$ 0.0
Order No.: 800/F-93-005

Office of Ground Water and Drinking Water Publications
U.S. Environmental Protection Agency
Office of Water
January 1994
TRM, Bibliography, 64 pages.

Keywords: bibliography, drinking water regulations, ground water, publications.

This catalog lists the EPA Office of Ground Water and Drinking Water publications. It also includes directions for ordering the publications.

Availability: Office of Water Resource Center
Cost: \$ 0.0
Order No.: 800/B-94-001

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**An Overview of Existing State Alternative Financing Programs:
Financing Drinking Water System Capital Needs in the 1990s**
U.S. Environmental Protection Agency
Office of Water
May 1992
TRM, Report, 92 pages

Keywords: financial characteristics/financing, public water systems, state programs/regulations

This report provides an overview of alternative financing programs in twelve states. These programs were designed to provide financial assistance to local entities for the construction, enhancement, and rehabilitation of drinking water treatment facilities as well as other state infrastructure needs. Each state outline includes information on the development of the program, their specific objective, criteria for funding projects, and a description on how each program has been implemented.

Availability: Office of Water Resource Center
Cost: \$0.00
Order No.: 812-R-92-001

**Pocket Sampling Guide for Operators of Small Water Systems:
Phases II and V**

U.S. Environmental Protection Agency
Office of Ground Water and Drinking Water
July 1994
TM, Guidance Manual, 114 Pages

Keywords: asbestos, community water systems, inorganic chemicals/contaminants, monitoring, nitrate/nitrite, operation & maintenance, public water systems, sampling, small water systems, volatile organic chemicals/compounds, synthetic organic chemicals/compounds

This guide is intended to help operators of small water systems understand and comply with the monitoring requirements of the 1986 Amendments to the Safe Drinking Water Act. The guide covers the monitoring and sampling requirements for the new regulations promulgated under the Phase II Rule (for 38 volatile organic chemicals, pesticides, and inorganic chemicals) and Phase V Rule (for 23 additional contaminants).

Availability: Office of Water Resource Center
Cost: \$0.00
Order No.: 814/B-94-001

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**Possible Monitoring Requirements for the Disinfectants and
Disinfection By-Products (D/DBP) Regulations**

U.S. Environmental Protection Agency
January 1993
TRM, Report, 22 pages

Keywords: disinfection/disinfection by-products, monitoring, small water systems, trihalomethanes

The U.S. EPA is engaged in a negotiated rulemaking proceeding on the D/DBP rule. This document provides a model set of monitoring requirements upon which the negotiations may build. The model is based upon a combination of the trihalomethane monitoring requirements and the 1991 Standardized Monitoring Framework. In particular, the suggestions in this document address smaller systems and systems less vulnerable to DBP exposure.

Availability: National Technical Information Service
Cost: \$17.50
Order No.: PB93-157576

Private Wells - Guidance for What to Do After the Flood
U.S. Environmental Protection Agency
Office of Water
1993
TRM, Factsheet, 4 pages

Keywords: disinfection/disinfection by-products, emergency response, wells

This is a fact sheet describing how to disinfect and test well water after a flood.

Availability: Office of Water Resource Center
Cost: \$ 0.0
Order No.: Use title

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Public Water Supply Supervision Program - Priority Guidance
U.S. Environmental Protection Agency
Office of Water
June 1992
TRM, Guidance Manual, 16 pages

Keywords: Public Water Supply Supervision Program, state programs/regulations

This priority setting guidance attempts to focus EPA and state resources on the highest priorities first and allow states time to build resources in order to fully implement the Public Water Supply Supervision (PWSS) Program. This guidance presents three categories of activities: 1) base minimum state functions, implementation of which EPA considers critical to a state's ability to maintain primacy; 2) highest priorities of the Office of Ground Water and Drinking Water and its regional counterparts in administering the PWSS Program; 3) EPA and state oversight priorities by rule.

Availability: Office of Water Resource Center
Cost: \$0.00
Order No.: 812/X-92-001

**Report to the U.S. Congress on Radionuclides in Drinking Water:
Multimedia Risk and Cost Assessment of Radon in Drinking Water
(Draft)**

July 1993

TRM, Report, 146 pages

Keywords: assessments, radionuclides

EPA prepared this report in response to the Congressional mandate in Public Law 102-389. This mandate directs the Administrator of the U.S. Environmental Protection Agency to report to Congress on EPA's findings regarding the risks of human exposure to radon, the costs for controlling or mitigating that exposure, and the risks posed by treating water to remove radon.

Availability: National Technical Information Service

Cost: \$27.00

Order No.: PB93-209427

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**Report to the United States Congress on Radon in Drinking Water:
Multimedia Risk and Cost Assessment of Radon (Final)**

U.S. Environmental Protection Agency

Office of Water

March 1994

TRM, Report, 256 pages

Keywords: assessments, costs/cost estimating, radionuclides

In 1992, Congress directed EPA to report on the risks from exposure to radon, the costs to control this exposure and the risks from treating to remove radon. This report presents the findings in response to that Congressional directive.

Availability: Office of Water Resource Center

Cost: \$0.00

Order No.: 811/R-94-001

Restructuring Manual
Office of Water
U.S. Environmental Protection Agency
December 1991
TM, Manual, 55 pages

Keywords: restructuring, Safe Drinking Water Act, small water systems

This manual discusses different types of restructuring options and some of the most commonly encountered problems that can slow or stop a restructuring effort.

Availability: Water Resource Center
Cost: \$ 0.00
Order No.: 570/9-91-035

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A Review of Methods for Assessing Aquifer Sensitivity and Ground Water Vulnerability to Pesticide Contamination
U.S. Environmental Protection Agency
Office of Water
September 1993
TM, Guidance Manual, 204 pages

Keywords: aquifers, assessments, ground water, pesticides

This is intended to help state hydrogeologist and resource managers choose from among the many methods that have been devised for assessing the susceptibility of ground water to pesticide contamination. It describes the general categories of assessment methods, gives examples of each, and discusses their characteristics and limitations, including their suitability for different purposes and different hydrogeologic zones.

Availability: Office of Water Resource Center
Cost: \$0.00
Order No.: 813/R-93-002

The Safe Drinking Water Act: A Pocket Guide to the Requirements for the Operators of Small Water Systems

U.S. Environmental Protection Agency

June 1993

TM, Guidance Manual, 88 pages

Keywords: monitoring, operation and maintenance, reporting, sampling, small water systems

This guide is designed specifically for the owners and operators of small water systems. Its purpose is to make the Federal Safe Drinking Water Act and the Drinking Water Regulations clearer and more understandable. The guide describes the Act and its requirements, the types of drinking water standards, contaminant groups, sampling frequencies, sampling procedures, reporting requirements, record keeping requirements, and public notification requirements.

Availability: Office of Water Resource Center

Cost: \$0.00

Order No.: 810/K-93-001

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Safe Drinking Water Act Reauthorization Overview

U.S. Environmental Protection Agency

Office of Water

February 1994

TRM, Booklet, 30 page

Keywords: drinking water regulations, legislation, Safe Drinking Water Act (SDWA)/SDWA Amendments

This booklet presents main drinking water issues addressed by the Environmental Protection Agency in the package submitted to the U.S. Congress. It outlines the ten recommendations presented to the Congress in September 1993 for Safe Drinking Water Act (SDWA) reauthorization.

Availability: Office of Water Resource Center

Cost: \$0.00

Order No.: 810/S-94-001

Safe Drinking Water Act Source Book
U.S. Environmental Protection Agency
Office of Water
July 1994
TRM, Book,

Keywords: drinking water regulations, legislation, Safe Drinking Water Act (SDWA)/SDWA Amendments

This compilation of material offers important background information on a number of issues that are central to the Safe Drinking Water Act Reauthorization. It provides State-by-State analysis of the EPA Administrator's proposed state revolving funds. It also gives details about the many challenges facing communities in providing healthy drinking water. The book includes a side-by-side comparison of drinking water legislation pending in the House of Representatives.

Availability: Office of Water Resource Center
Cost: \$0.00
Order No.: Order by Title

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Safe Drinking Water Hotline Factsheet
U.S. Environmental Protection Agency
Office of Water
February 1993
TRM, Factsheet, 1 page

Keywords: drinking water regulations, technical assistance

This sheet describes the purpose and function of the EPA Safe Drinking Water Hotline.

Availability: Office of Water Resource Center
Cost: \$0.00
Order No.: 812/F-93-001

Sampling for Lead in Drinking Water in Nursery Schools and Day Care Facilities

U.S. Environmental Protection Agency
Office of Water
April 1994
TM, Guidance Manual, 21 pages

Keywords: lead, Lead Contamination Control Act, sampling, schools, testing

This booklet outlines the recommended steps to be taken by nursery schools and other day care facilities to evaluate the lead contamination problems at these facilities. It provides simple, step-by-step instructions for sampling drinking water for lead and for selecting remedies when contamination problems are found.

Availability: Educational Resources Information Center
Cost: \$3.45
Order No.: 159G

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Secondary Drinking Water Regulations: Guidance for Nuisance Chemicals

U.S. Environmental Protection Agency
Office of Water
July 1992
TM, Brochure, 1 page

Keywords: drinking water regulations, secondary maximum contaminant levels

This brochure outlines the problems caused by secondary contaminants and how these problems can be corrected.

Availability: Office of Water Resource Center
Cost: \$0.00
Order No.: 810/K-92-001

**Simulation of Compliance Choices for the Disinfection By-Products
Regulatory Impact Analysis**

Gelderloos, A.; Harrington, G.; Owen, D.; Regli, S.; Schaefer,
K.; Cromwell III, J.; Zhang, X.

U.S. Environmental Protection Agency

Office of Water

1992

TRM, Report, 32 pages

Keywords: analysis/analytical methods, compliance,
disinfection/disinfection by-products, drinking water
regulations

The U.S. EPA is in the process of developing regulations designed to limit the concentrations of disinfectants and their by-products in drinking water systems. The objective of regulatory analysis is to determine the potential impacts of implementing different regulatory options. This paper describes one aspect of this analysis.

Availability: Educational Resources Information Center

Cost: \$3.25

Order No.: 194D

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**Simulation of Microbial Occurrence, Exposure and Health Risks
After Drinking Water Treatment Processes**

Grubbs, W.; MacIer, B.; Regli, S.

U.S. Environmental Protection Agency

Office of Water

August 1992

TRM, Report, 98 pages

Keywords: assessments, disinfection/disinfection by-products,
health/health effects, microbiological contaminants,
models, water treatment

For the development of the Disinfectant/Disinfection By-Product rule, EPA wishes to compare human health risks from microbial infection with those from chemical disinfectants and their by-products. EPA is using computer models that simulate occurrence levels of pathogenic organisms in raw water and then simulate disinfection and production of disinfection by-products. This paper presents the methodology used for these simulations and estimations and discusses the assumptions and uncertainties inherent to this modeling process.

Availability: Educational Resources Information Center

Cost: \$10.00

Order No.: 203D

Simulation of Raw Water and Treatment Parameters in Support of the Disinfection By-Products Regulatory Impact Analysis
Letkiewicz, F.; Grubbs, W.; Lustik, M.; Cromwell, J.; Mosher, J.; Zhang, X.; Regli, S.
U.S. Environmental Agency
Office of Water
June 1992
TRM, Report, 48 pages

Keywords: analysis/analytical methods, assessments, disinfection/disinfection by-products, drinking water regulations, health/health effects, models, treatment techniques/technologies

The U.S. EPA has undertaken an effort to model how the water supply industry may respond to possible rules and how those responses may affect human health risk. This model is referred to as DBPRAM - the Disinfection By-Product Regulatory Analysis Model. This paper is concerned primarily with presenting and discussing the methods, underlying data, assumptions, limitations, and results for the first part of the DBPRAM.

Availability: Educational Resources Information Center
Cost: \$4.75
Order No.: 193D

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Small Systems Technology Initiative: Evaluation of Demonstration Techniques; Freestone, California Water System
U.S. Environmental Protection Agency
Office of Ground Water and Drinking Water
June 1994
TRM, Report, 76 pages

Keywords: public water systems, small water systems, treatment techniques/technologies, water quality

The U.S. EPA recognizes the technical and financial challenges confronting small water systems and has sought to address these problems through its Small Water System Technology Initiative. The Initiative sought to promote water treatment packaged systems through the evaluation of a series of one-year technology demonstration studies involving central and household treatment units at various sites around the country. Only small water systems serving fewer than 500 persons were considered as possible demonstration sites. This report provides a review of the technology demonstration project conducted in Freestone, California.

Availability: Office of Water Resource Center
Cost: \$ 0.0
Order No.: 812/R-94-002

Status of DBP Regulatory Negotiation
U.S. Environmental Protection Agency
Office of Water
August 1993
TRM, Factsheet, 2 pages

Keywords: disinfection/disinfection by-products, drinking water regulations

This fact sheet gives the status of three new rules and their tentative implementation schedule.

Availability: Office of Water Resource Center
Cost: \$ 0.0
Order No.: 811/F-93-001

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**Status Report on Analytical Methods to Support the
Disinfectant/Disinfection By-Products Rule**
U.S. Environmental Protection Agency
Office of Water
August 1992
TRM, Report, 16 pages

Keywords: analysis/analytical methods, compliance,
disinfection/disinfection by-products,
drinking water regulations, monitoring

The U.S. EPA is developing national regulations to control disinfectants and disinfection by-products in public drinking water supplies. Twelve disinfectants and disinfection by-products have been identified for possible regulation under this rule. This document summarizes the analytical methods that EPA intends to propose as compliance monitoring methods. A discussion of surrogate measurements that are being considered for inclusion in the regulation is also provided.

Availability: Educational Resources Information Center
Cost: \$1.75
Order No.: 201D

National Technical Information Service
Cost: \$17.00
Order No.: PB93-134898

Status Report on Development of Regulations for Disinfectants and Disinfection By-Products

U.S. Environmental Protection Agency
Office of Water
June 1991
TRM, Report, 46 pages

Keywords: disinfection/disinfection by-products, drinking water regulations,

This document indicates the status of regulation development for the disinfectants and disinfection by-products and solicits feedback from the public.

Availability: Educational Resources Information Center
Cost: \$5.00
Order No.: 200D

National Technical Information Service
Cost: \$17.00
Order No.: PB93-134914

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Status Report on the Development of Draft MCLGs for Disinfectants and By-Products

U.S. Environmental Protection Agency
Office of Water
October 1992
TRM, Report, 82 pages

Keywords: disinfection/disinfection by-products, health/health effects, maximum contaminant levels/maximum contaminant level goals

Maximum Contaminant Level Goals (MCLGs) are set at concentration levels at which no known or anticipated adverse health effects occur, allowing for an adequate margin of safety. Establishment of an MCLG for each specific contaminant depends on the evidence of carcinogenicity from drinking water exposure or the Agency's oral reference dose based on noncarcinogenic data. This report discusses the status of the development of draft MCLGs for disinfectants and disinfection by-products.

Availability: Educational Resources Information Center
Cost: \$8.25
Order No.: 199D

National Technical Information Service
Cost: \$19.00
Order No.: PB93-134906

Surface Water Treatment Rule: Implementation Manual (Including Appendix D)

U.S. Environmental Protection Agency
Office of Ground Water and Drinking Water
TRM, Guidance Manual, 130 pages
March 1990

Keywords: reporting, state programs/regulations, Surface Water Treatment Rule

This document provides guidance to EPA regions and States on violation determination, FRDS reporting, and State Primacy Revision Applications for the Surface Water Treatment rule. The body of the document contains a timeline with important dates, violation and reporting rules, and State Special Primacy Requirements. The Appendices include information required for Primacy Revision Applications, wellhead protection, implementation, and FRDS data entry.

Availability: National Technical Information Service
Cost: \$27.00
Order No.: PB93-186641

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Technical and Economic Capacity of States and Public Water Systems to Implement Drinking Water Regulations: Report to Congress

U.S. Environmental Protection Agency
Office of Water
September 1993
TRM, Report, 178 pages

Keywords: drinking water regulations, implementation, public water systems, Safe Drinking Water Act

The first two sections of this report provide background on the status of drinking water regulations, including the EPA's contaminant selection and regulatory processes, health effects, health benefits, and costs of current regulation. Timetables for implementation are also included. The remaining five sections focus on the capabilities of systems and states to implement drinking water regulations, including monitoring, installation and operation of treatment systems, reporting, enforcement, and data management.

Availability: Office of Water Resource Center
Cost: \$ 0.0
Order No.: 810/R-93-001

**Technologies and Costs for Control of Disinfection By-Products
(DRAFT)**

U.S. Environmental Protection Agency

Office of Water

Malcolm Pirnie, Inc.

December 1992

TRM, Report, 483 pages.

Keywords: costs/cost estimating, disinfection/disinfection by-products, drinking water regulations, models, treatment techniques/technologies

This document characterizes the feasibility of treatment for disinfection by-product (DBP) control and estimates the costs for treatment alternatives. Treatment criteria were developed through the use of a water treatment plant simulation model for parameters critical to disinfection and disinfection by-product control.

Availability: National Technical Information Service

Cost: \$52.00

Order No.: PB93-162998

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**Technologies and Costs for Control of Disinfection By-Products
Addendum 1**

U.S. Environmental Protection Agency

Office of Water

June 1994

TM, Report, 14 pages.

Keywords: costs/cost estimating, disinfection/disinfection by-products, treatment techniques/technologies

The purpose of this addendum is to identify design criteria and costs of technologies employed in the treatment of disinfection by-products (DBP) in drinking water.

Availability: National Technical Information Service

Cost: \$ 17.50

Order No.: PB94-184827

**Technologies and Costs for Control of Disinfection By-Products:
Executive Summary**

U.S. Environmental Protection Agency
Office of Water
November 1992
TRM, Report, 38 pages

Keywords: costs/cost estimating, disinfection/disinfection by-products, drinking water regulations, models, treatment techniques/technologies

This document characterizes the feasibility of treatment for disinfection by-product (DBP) control and estimates the costs for treatment alternatives that can then be used by utilities to meet national regulations. Treatment criteria were developed through the use of a Water Treatment Plant simulation model for parameters critical to disinfection and DBP control.

Availability: Educational Resources Information Center
Cost: \$2.00
Order No.: 204D

National Technical Information Service
Cost: \$17.00
Order No.: PB93-134922

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Total Coliform Rule: Implementation Manual (Including Appendix D)

U.S. Environmental Protection Agency
Office of Ground Water and Drinking Water
March 1990
TRM, Guidance Manual, 196 pages

Keywords: Coliform Rule, reporting, state programs/regulations

This document provides guidance to EPA regions and States on violation determination, FRDS reporting, and State Primacy Revision Applications. The body of the document contains deadlines for submission of Primacy Revision applications, violation and reporting rules, and State Special Primacy Requirements. The Appendices include information required for Primacy Revision Applications, wellhead protection, implementation, and FRDS data entry.

Availability: National Technical Information Service
Cost: \$19.50
Order No.: PB93-186658

Underground Injection Wells and Your Drinking Water
U.S. Environmental Protection Agency
Office of Water
July 1994
TRM, Brochure, 8 pages

Keywords: education, ground water, underground injection control, wells

This is one of a series of brochures describing underground injection wells and EPA's Underground Injection Control (UIC) regulatory program. If not properly sited, constructed, and operated, these wells may threaten ground water resources used for public water supply systems. Other brochures in this series focus on Class I, Class II, Class III and Class V Injection Wells.

Availability: Office of Water Resource Center
Cost: \$0.00
Order No.: 813/F-94-001

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Use of Microbial Risk Assessment in Setting U.S. Drinking Water Standards

Macler, B.; Regli, S.
U.S. Environmental Protection Agency
Office of Water
October 1992
TRM, Report, 20 pages

Keywords: assessments, disinfection/disinfection by-products, drinking water regulations, ground water disinfection/Ground Water Disinfection Rule, microbiological contaminants, Surface Water Treatment Rule

This paper outlines the U.S. EPA's general strategy for using microbial risk assessment to support the development of the National Primary Drinking Water Regulations. It discusses specifically the use of such risk assessment in the development of upcoming regulations for disinfection of groundwater and for control of disinfectants and their chemical by-products, and possible amendments to the current Surface Water Treatment Rule.

Availability: Educational Resources Information Center
Cost: \$1.75
Order No.: 195D

National Technical Information Service
Cost: \$17.00
Order No.: PB93-134930

Volunteer Monitoring
U.S. Environmental Protection Agency
Office of Water
September 1993
TRM, Brochure, 6 pages

Keywords: monitoring, water quality

Volunteer water monitoring is defined in this brochure. Groups across the U.S. who do volunteer water monitoring are also described.

Availability: Office of Water Resource Center
Cost: \$ 0.0
Order No.: 800/F-93-008

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Water Treatment Plant Model for MS Windows 3.1, Version 1.55
U.S. Environmental Protection Agency
Office of Ground Water and Drinking Water
1994
TRM, computer disk

Keywords: disinfection/disinfection by-products, models,
treatment techniques/technologies

The Water Treatment Plant Simulation Model was developed in support of the Disinfectant/Disinfection By-Products Rule. The primary purpose of the program is to simulate the removal of natural organic matter, and the formation of disinfection by-products and disinfection levels in water treatment plants and distribution systems, based upon specified inputs. These inputs include raw water quality, treatment process characteristics and chemical dosages. See the following entry for information about program installation.

Availability: Office of Water Resource Center
Cost: \$0.00
Order No.: Order by Title

Lead Leaching from Submersible Well Pumps
A Learning Guide for State/Local Drinking Water Agreements
Local Financing for Wellhead Protection

Manual for the Certification of Laboratories Analyzing Drinking
Water: Criteria and Procedures, Quality Assurance; Third
Edition; Change 2 - September 1992
Minimum Set of Data Elements for Ground Water Quality - Brochure
(See also: Definitions for the Minimum Set of Data Elements
for Ground Water Quality, and Final National Guidance for
Comprehensive State Ground Water Protection Programs)
Monitoring Requirements for Lead and Copper Rules: Water Systems
Serving 10,001 to 50,000 Persons
Monitoring Requirements for Lead and Copper Rules: Water Systems
Serving 50,001 to 100,000 Persons
Monitoring Requirements for Lead and Copper Rules: Water Systems
Serving >100,000 Persons

National Primary Drinking Water Regulations, 40 CFR Parts 141-143
National Primary Drinking Water Standards (Fact Sheet)
National Public Water System Supervision Program: FY 1993
Compliance Report

Occurrence Assessment for Disinfectants and Disinfection By-
Products (Phase 6a) in Public Drinking Water
Office of Ground Water and Drinking Water
An Overview of Existing State Alternative Financing Programs:
Financing Drinking Water System Capital Needs in the 1990s

Pocket Sampling Guide for Operators of Small Water Systems:
Phases II and V
Possible Monitoring Requirements for the Disinfectants and
Disinfection By-Products (D/DBP) Regulations
Private Wells - Guidance for What to Do After the Flood
Public Water Supply Supervision Program Priority Guidance

Report to the United States Congress on Radionuclides in Drinking
Water: Multimedia Risk and Cost Assessment of Radon in
Drinking Water (Draft)
Report to the United States Congress on Radon in Drinking Water:
Multimedia Risk and Cost Assessment of Radon
Restructuring Manual
A Review of Methods for Assessing Aquifer Sensitivity and Ground
Water Vulnerability to Pesticide Contamination

Safe Drinking Water Act: A Pocket Guide to the Requirements for the Operators of Small Water Systems
Safe Drinking Water Hotline Factsheet
Secondary Drinking Water Regulations: Guidance for Nuisance Chemicals
Simulation of Compliance Choices for the Disinfection By-Products Regulatory Impact Analysis
Simulation of Microbial Occurrence, Exposure and Health Risks After Drinking Water Treatment Processes
Simulation of Raw Water and Treatment Parameters in Support of the Disinfection By-Products Regulatory Impact Analysis
Small Systems Technology Initiative: Evaluation of Demonstration Technologies - Freestone, California Water System
Status of DBP Regulatory Negotiation
Status Report on Analytical Methods to Support the Disinfectant/Disinfection By-Products Rule
Status Report on Development of Regulations for Disinfectants and Disinfection By-Products
Status Report on the Development of Draft MCLGs for Disinfectants and By-Products
Surface Water Treatment Rule: Implementation Manual (Including Appendix D)

Technical and Economic Capacity of States and Public Water Systems to Implement Drinking Water Regulations: Report to Congress
Technologies and Costs for Control of Disinfection By-Products: Executive Summary
Total Coliform Rule: Implementation Manual (Including Appendix D)

Underground Injection Wells and Your Drinking Water
Use of Microbial Risk Assessment in Setting U.S. Drinking Water Standards

Volunteer Monitoring

Water Treatment Plant Model, Version 1.55
Water Treatment Plant Simulation Program, Version 1.55 - Installation Instructions
WATERS: Well Activities Tracking, Evaluation and Reporting System, Version 2.0 User Guide; Program Diskette; Data diskettes for 10 EPA Regions
Wellhead Protection in Confined, Semi-Confined, Fractured, and Karst Aquifer Settings

**Water Treatment Plant Model for MS Windows 3.1, Version 1.55 -
Installation Instructions**

U.S. Environmental Protection Agency
Office of Ground Water and Drinking Water
1994
TRM, Manual, 10 pages

Keywords: disinfection/disinfection by-products, models,
treatment techniques/technologies

The user manual for version 1.5 is in preparation. This 10-page document contains information about how to install and use the Water Treatment Plant model.

Availability: Office of Water Resource Center
Cost: \$0.00
Order No.: Order by Title

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**WATERS: Well Activities Tracking, Evaluation and Reporting
System, Version 2.0 User Guide**

WATERS Program Diskette
GIS Data Diskettes for 10 EPA Regions
U.S. Environmental Protection Agency
Office of Water
October 1993
TM, computer tracking system, manual 162 pages, 11 diskettes.

Keywords: data management, underground injection control,
wells

The Well Activities Tracking, Evaluation, and Reporting System (WATERS) is a user-friendly PC-based system designed by EPA's Underground Injection Control Branch. EPA developed WATERS to assist States and Regional Offices in operating and managing their underground injection control programs. The basic WATERS installation package contains: 1) one WATERS program diskette, 2) one geographic information system data diskette (there is one diskette for each of 10 EPA regions), and 3) the User Guide. If you wish to use the optional WATERS Mapping System, you must also obtain a MapInfo runtime module. The runtime module includes several diskettes, installation instructions, and user documentation. Runtime modules may be purchased through any authorized developer.

Availability: Office of Water Resource Center
 Cost: \$0.00
 Order No.: See listing below

WATERS program diskette 813/C-93-001
 WATERS User Guide 813/B-93-002
 GIS Data Diskettes (1 per requestor) -

<u>EPA Region</u>	<u>States Included</u>	<u>Order No.</u>
I	CT, ME, MA, NH, RI, VT	813/C-93-002
II	NJ, NY, PR, VI	813/C-93-003
III	DE, DC, MD, PA, VA, WV	813/C-93-004
IV	AL, FL, GA, KY, MS, NC, SC, TN	813/C-93-005
V	IL, IN, MI, MN, OH, WI	813/C-93-006
VI	AR, LA, NM, OK, TX	813/C-93-007
VII	IA, KS, MO, NE	813/C-93-008
VIII	CO, MT, ND, SD, UT, WY	813/C-93-009
IX	AZ, CA, HI, NV, AS, GU	813/C-93-010
X	AK, ID, OR, WA	813/C-93-011

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Wellhead Protection in Confined, Semi-Confined, Fractured, and Karst Aquifer Settings
 U.S. Environmental Protection Agency
 Office of Water
 September 1993
 TM, Factsheet, 8 pages

Keywords: aquifers, wellhead protection

This factsheet provides background information explaining the need to define protection areas for wells that draw public drinking water from several complex hydrogeologic settings: confined, semi-confined, fractured, and karst aquifers. These settings include aquifers in which the ground water is not open to the atmosphere, or the aquifer does not consist of unconsolidated porous media. Several figures illustrate these settings in a general way.

Availability: National Technical Information Service
 Cost: \$12.50
 Order No.: PB94-109402

TITLE INDEX

Administration Recommendations for Safe Drinking Water Act
Reauthorization
Analysis of Potential Trade-Offs in Regulation of Disinfection
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Case Studies Assessing Low-Cost, In-Place Technologies at Small
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Class I Injection Wells and Your Drinking Water
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Class III Injection Wells and Your Drinking Water
Class V Injection Wells and Your Drinking Water
Consolidated Regulations for the Chemical Phases (DRAFT)
Consolidated Rule Summary for the Chemical Phases

DBP/ICR Analytical Methods Guidance Manual: Public Comment Draft
Definitions for the Minimum Set of Data Elements for Ground Water
Quality (See also: Final National Guidance for Comprehensive
State Ground Water Protection Programs, and Minimum Set of Data
Elements for Ground Water Quality - Brochure)
Drinking Water Handbook for Public Officials
Drinking Water Regulations and Health Advisories
Drinking Water Standard Setting: Question and Answer Primer
A Drinking Water State Revolving Fund: Ensuring Safe Drinking
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Drinking Water Training Resources Directory: A National Training
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Emergency Disinfection of Drinking Water
EPA's Ground Water and Drinking Water Program: Making a
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Fact Sheet: 1995 SRF Needs Survey for Drinking Water
Fact Sheet on State Reporting Guidance for Unregulated
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Federal Register Citations for the Safe Drinking Water Act: A
Compilation of References

Final National Guidance for Comprehensive State Ground Water
Protection Programs
Framework for Decision Making: An EPA Perspective
Fluoride in Drinking Water (Fact Sheet)

Ground Water Resource Assessment
Guidance on Enforcement of the Requirements of the Surface Water
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Guide for Conducting Contaminant Source Inventories for Public
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A Guide for Cost-Effectiveness and Cost-Benefit Analysis of State
and Local Ground Water Protection Programs
Guide to Ground Water Contingency Planning for Local and State
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Helping Small Systems Comply with the Safe Drinking Water Act:
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Indian Primacy Procedures Handbook for the Public Water System
Supervision (PWSS) Program and the Underground Injection
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Information Collection Rule Fact Sheet
Innovative Options for Financing Nongovernmental Public Water
Supplies' Needs
Institutional Solutions to Drinking Water Problems: Maine Case
Studies

Lead and Copper Monitoring Guidance for Water Systems Serving
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Lead and Copper Rule: Definitions and Federal Reporting for
Milestones, Violations and SNCs
Lead and Copper Rule Guidance Manual. Volume II: Corrosion
Control Treatment
Lead in Drinking Water: An Annotated List of Publications
Lead in Drinking Water: Guidance for Conducting a Community-Based
Public Education Program on Lead in Drinking Water
Lead in Drinking Water in Schools and Non-Residential Buildings
Lead in Your Drinking Water: Actions You Can Take to Reduce Lead
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