

## Appendix I.3 Commission Regulations Overview

This appendix contains an overview of Missouri Clean Water Commission Regulations. Its purpose is to help the reader understand the structure of the rules and to more quickly locate those portions appropriate to the question at hand. The outline contains much greater detail for Chapters 6 and 7 as those rules are most relevant to permitting issues.

Rule modifications require significant staff resources requiring the agency to consciously prioritize and schedule this work. Once the decision is made to proceed with a modification, the process can take a year or more. As a result, work to modify rules in response to statutory changes and judicial orders may not be completed for a considerable time. When judicial orders at the appeals level or above or statutes conflict with regulations, the statutes and orders control. This should be kept in mind when referencing regulations.

### List of All Commission Rules

All Clean Water Commission regulations are contained in the Code of State Regulations (CSR) under Title 10, Division 20.

#### 10 CSR 20-

#### Division 20 - Clean Water Commission

#### Chapter 1 Organization

*Chapter 1 describes the commission, its operation and purpose; discusses the organizational relationship among the commission, the department and the commissions staff; and provides information about communications with the commission.*

#### Chapter 2 Definitions

*Chapter 2 contains definitions of a number of terms used in commission rules. The reader is cautioned, however, that many other commission rules also contain definition sections defining terms for that specific rule.*

#### Chapter 3 - Enforcement

*Chapter 3 contains the penalty assessment protocol that is used in establishing penalty amounts in certain administrative enforcement cases.*

#### Chapter 4 - Grants

*Chapter 4 contains a number of rules related to administration of the state revolving fund and the commissions wastewater grants programs.*

#### Chapter 5 - Emergencies

*Chapter 5 contained rules related to the storage of hazardous materials and spill notification. These rules were rescinded in 1980.*

#### Chapter 6- Permits - List of Chapter 6 Rules

*Chapter 6 contains the primary rules related to permitting, including construction and operating permits, no-discharge permits, pretreatment, stormwater and CAFO.*

#### Chapter 7 - Water Quality - List of Chapter 7 Rules

*Chapter 7 contains two rules related to the protection of waters of the state: Effluent Regulations and Water Quality Standards.*

#### **Chapter 8 - Design Guides - List of Chapter 8 Rules**

*Chapter 8 contains a number of rules establishing minimum design criteria for wastewater collection and treatment systems.*

#### **Chapter 9 - Treatment Plant Operations**

*Chapter 9 contains rules related to operator certification and training for operators of publicly owned wastewater treatment works and PSC regulated sewer companies.*

#### **Chapter 10 - Underground Storage Tanks - Technical Regulations**

#### **Chapter 11 - Underground Storage Tanks - Financial Responsibility**

#### **Chapter 12 - State Underground Storage Tank Insurance Fund (Rescinded)**

#### **Chapter 13 - State Underground Storage Tanks - Administrative Penalties**

*Responsibility for the UST Program was transferred by the Legislature to the Hazardous Waste Management Commission and the Hazardous Waste Program.*

#### **Chapter 14 - Concentrated Animal Feeding Operation Waste Management System Operations**

*Chapter 14 contains rules related to operator certification and training for operators of Class IA CAFO waste management systems.*

#### **Chapter 15 Aboveground Storage Tanks Release Response**

*Responsibility for the AST Program was transferred by the Legislature to the Hazardous Waste Management Commission and the Hazardous Waste Program.*

## Chapter 6 Regulations - Permits

### **List of Chapter 6 Rules**

10 CSR 20-6.010 Construction and Operating Permits

10 CSR 20-6.011 Fees

10 CSR 20-6.015 No-Discharge

10 CSR 20-6.020 Public Participation, Hearings and Notice to Governmental Agencies

10 CSR 20-6.030 Disposal of Wastewater in Residential Housing Developments

10 CSR 20-6.040 Expiration of Operating Permits in Force under Senate Bill 424 (Rescinded July 10, 1980)

10 CSR 20-6.050 Self-Monitoring (Rescinded May 12, 1983)

10 CSR 20-6.060 Water Quality Certification

10 CSR 20-6.070 Groundwater Heat Pump Operating Permits

10 CSR 20-6.080 Signatures for Construction Permits, Operating Permits and Groundwater Heat Pump Injection/Withdrawal Wells

10 CSR 20-6.090 Class III Mineral Resources Injection/Production Well Operating Permits

10 CSR 20-6.100 General Pretreatment Regulation

10 CSR 20-6.200 Storm Water Regulation

10 CSR 20-6.300 Concentrated Animal Feeding Operations

## **Outline of Individual Chapter 6 Rules**

### **10 CSR 20-6.010 Construction and Operating Permits**

<b>Section (1)</b>	<b>General</b>
Subsection	(A) Permits Required for Point Sources
Subsection	(B) Permit Exemptions
Subsection	(C) Overriding Department Authority to Require Permits
<b>Section (2)</b>	<b>Permit Applications</b>
Subsection	(A) Forms, Required Map and Fees
Subsection	(B) Application Signatures
Subsection	(C) Authorized Representatives
Subsection	(D) Change in Authorized Representatives
<b>Section (3)</b>	<b>Continuing Authorities</b>
Subsection	(A) Required; Characteristics of an Authority
Subsection	(B) Preferential Order
Subsection	(C) Watershed and Regional Treatment Works
Subsection	(D) Industries
Subsection	(E) Registered Agents Required
<b>Section (4)</b>	<b>Construction Permits (CP)</b>
Subsection	(A) Required; Exemptions
Subsection	(B) Separate Applications Required
Subsection	(C) Application Timeframe
Subsection	(D) Application Contents
Subsection	(E) Incomplete or Deficient Applications
Subsection	(F) OP Noticed prior to CP Issuance (Notice of Permit Pending)
Subsection	(G) CP Expiration
Subsection	(H) Department Liability Limited
Subsection	(I) Local Planning and Zoning

**Section (5) Operating Permits (OP)**

- Subsection (A) Required
- Subsection (B) Original OP Permitting Timeframes
- Subsection (C) Renewal OP Permitting Timeframes
- Subsection (D) Engineering Construction Certification Required
- Subsection (E) Effluent Limits Required

**Section (6) Sewer Extensions**

- Subsection (A) Sewer Extension Delegation to Local Authorities
- Subsection (B) Letter of Authorization for Operation Required

**Section (7) Schedules of Compliance**

- Subsection (A) Allowed; Timeframes
- Subsection (B) Interim Requirements
- Subsection (C) Permittee Reporting of Compliance or Noncompliance
- Subsection (D) Schedule Modifications

**Section (8) Permit Terms and Conditions**

- Subsection (A) Mandatory Conditions
- Subsection (B) Effluent Limits, Monitoring and other Conditions

**Section (9) Permits Prohibited**

- Subsection (A) Conflicts with Laws and Regulations
- Subsection (B) EPA Objections
- Subsection (C) Violates Another State's Water Quality Requirements
- Subsection (D) Impairs Navigation
- Subsection (E) Discharge of Radiological or Warfare Agents
- Subsection (F) Conflicts with "208" Plans
- Subsection (G) New Source Causes Violations of Water Quality Standards

**Section (10) Operating Permit Renewal and Expiration Dates**

- Subsection (A) Permit Periods and Expiration
- Subsection (B) Terminations
- Subsection (C) Combined Fee Billings
- Subsection (D) Failure to Pay Permit Fees
- Subsection (E) Continuing of Expiring Permits

**Section (11) Permits Transferable**

- Subsection (A) Application
- Subsection (B) Department Notification of Intent
- Subsection (C) CPs are not Transferable

**Section (12) Closure of Treatment Facilities**

- Subsection (A) Closure Plan Required
- Subsection (B) OP Remains in Force until Closure

**Section (13) General Permits**

- Subsection (A) Statewide GP Issuance Conditions
- Subsection (B) Application
- Subsection (C) Department may Require Site-Specific Permit
- Subsection (D) Applicant may Request Site-Specific Permit

**Section (14) Permits by Rule**

- Subsection (A) Hydrostatic Testing of Pipelines and Storage Tanks
- Subsection (B) Department may Require Site-Specific Permit
- Subsection (C) Applicant may Request Site-Specific Permit
- Subsection (D) Compliance with Local Ordinances
- Subsection (E) CP and Other OP Not Required
- Subsection (F) Record Keeping and Appeals

**10 CSR 20-6.011 Fees**

**Section (1) Fees-General**

- Subsection (A) Fees Required
- Subsection (B) Definitions
- Subsection (C) Checks and Money Orders
- Subsection (D) Payment Addresses
- Subsection (E) Permit/Facility Identification with Payment
- Subsection (F) Annual Fee Payment Dates
- Subsection (G) Permittee is Responsible

**Section (2) Operating Fees**

- Subsection (A) Annual Fee Due Dates
- Subsection (B) Sewer Service Connection Fees
- Subsection (C) St. Louis Metropolitan Sewer District Fee Reduction
- Subsection (D) Reimbursement of Billing and Collection Expenses
- Subsection (E) No-Discharge Facilities

**Section (3) General Permits and Fees**

- Subsection (A) Multiple Point Sources
- Subsection (B) Discharges from Certain Facility Types
- Subsection (C) Discharges within a Specific Area
- Subsection (D) Effective Dates and Fee Credits

**Section (4) Construction Fees**

- Subsection (A) Due Dates
- Subsection (B) Fees Forfeited
- Subsection (C) Fee Calculations for Facility Modifications

**Appendix A Fee Tables**

**10 CSR 20-6.015 No-Discharge Permits**

**Section (1) Definitions**

**Section (2) General**

- Subsection (A) Permits Required
- Subsection (B) Department Authority to Require Permits

**Section (3) Exemptions**

- Subsection (A) De Minimis Exemptions
- Subsection (B) Other Exemptions

**Section (4) Permits**

- Subsection (A) Applications and Processing Procedures
- Subsection (B) Design Standards
- Subsection (C) Permit Conditions

**Section (5) Closure of Waste Storage Structures**

- Subsection (A) Maintain Permit Until Closed
- Subsection (B) Closure Requirements

**10 CSR 20-6.020 Public Participation, Hearings and Notice to Government Agencies**

**Section (1) Public Participation**

- Subsection (A) Draft OPs and Fact Sheets
- Subsection (B) Public Notice of Permit Pending and Issuance Timeframes
- Subsection (C) Public Notice for GPs
- Subsection (D) Public Notice Contents

- Subsection (E) Notice Circulated in the Geographic Area
- Subsection (F) Notice Mailed to Persons Requesting
- Subsection (G) Notice Mailed to Persons or Groups on Statewide List
- Subsection (H) Relevant Comments Considered

**Section (2) Notice to Other Governmental Agencies (3 Named)**

- Subsection (A) Affected States Given Opportunity to Comment
- Subsection (B) Denial if COE says Navigation will be Impaired

**Section (3) Public Access to Information**

- Subsection (A) Records Open unless Designated as Confidential
- Subsection (B) Public Records Inspection Allowed

**Section (4) Public Participation Process**

- Subsection (A) Department Permit Hearings
- Subsection (B) Commission Nonjudicatory Hearings
- Subsection (C) Commission Judicatory Hearings

**Section (5) Appeal Timeframes for AOs, Denials and Variances**

- Subsection (A) Appeal Timeframes
- Subsection (B) Service of Notice
- Subsection (C) Persons Authorized to Appeal

**Section (6) Appeal Timeframes for Permit Conditions**

- Subsection (A) Deadline for Appeal
- Subsection (B) Service of Notice
- Subsection (C) Deadline Extension for Service by Mail
- Subsection (D) Persons Authorized to Appeal

**Section (7) Form of Appeal**

- Subsection (A) Filed with Secretary of the Commission
- Subsection (B) Signed
- Subsection (C) Identified as an Appeal
- Subsection (D) Information Required

**Section (8) Requests for Stay**

**Section (9) Preparation of Appeals without Counsel**

**Section (10) Commission Secretary to Serve Notice of Appeal**

**Section (1) General Requirements**

- Subsection (A) Definitions
- Subsection (B) Applicability
- Subsection (C) Exemptions
- Subsection (D) Approval Required

**Section (2) Geohydrologic Evaluation**

- Subsection (A) Evaluation Required
- Subsection (B) Exemptions

**Section (3) Soils Report**

- Subsection (A) Required and Report Contents
- Subsection (B) Acceptable Soil Properties
- Subsection (C) Lagoons Allowed and Conditions

**Section (4) Plat  
Map**

**Section (5) Recreational Developments**

**Section (6) Multifamily Units (Engineer's Report Required)**

**Section (7) Department Review**

- Subsection (A) Departmental Decision-Making
- Subsection (B) Approval Required prior to Lot Sales
- Subsection (C) Modifications after Approval
- Subsection (D) Review and Approval Timeframes
- Subsection (E) Appeals
- Subsection (F) Local Ordinances and Regulations
- Subsection (G) Compliance with Other Laws
- Subsection (H) Severability

**10 CSR 20-6.040 and 10 CSR 20-6.050 (Rescinded)**

**10 CSR 20-6.060 Water Quality Certification**

**Section (1) Definitions**

**Section (2) Certification Requests**

**Section (3) Public Notice and Review Process**

**Section (4) Public Comments**

- Subsection (A) No Objections
- Subsection (B) Objections

- Section (5) Review Timeframes**
- Section (6) Certification of Nationwide (General) Permits**
- Section (7) Appeals**
- Section (8) Effective Date**

**10 CSR 20-6.070 Groundwater Heat Pump Operating Permits**

- Section (1) General Information**
  - Subsection (A) Applicability
  - Subsection (B) Exemptions
  - Subsection (C) Department Authority to Initiate Action
  - Subsection (D) Compliance with Well Driller Regulations
  - Subsection (E) Inventory Forms for Exempted Wells
- Section (2) Permit Application**
  - Subsection (A) Application Letter and Fee
  - Subsection (B) Application Contents
  - Subsection (C) Application Signatures
  - Subsection (D) Authorized Representatives
  - Subsection (E) Change in Authorized Representatives
  - Subsection (F) Deficient Applications
  - Subsection (G) Application Mailing Address
- Section (3) Operating Permits**
  - Subsection (A) OPs Required
  - Subsection (B) Original Application and Processing Timeframes
  - Subsection (C) Renewal Application and Processing Timeframes
  - Subsection (D) Public Notice Requirements
- Section (4) Permit Terms and Conditions**
- Section (5) Prohibitions**
  - Subsection (A) Violation of Laws and Regulations
  - Subsection (B) Violations of WQ Standards
  - Subsection (C) Discharge of any Pollutant Except Heat
  - Subsection (D) Discharge of Radiological or Warfare Agents
  - Subsection (E) Degradation of Previously Permitted Wells
- Section (6) Permits Transferable**
  - Subsection (A) Application for Transfer

Subsection (B) Processing Timeframe

**10 CSR 20-6.080            Signatures for Construction Permits,  
Operating Permits and Groundwater Heat  
Pump Injection/Withdrawal Wells**

**Section (1)            Department Signatures, Delegation Allowed and Denial  
Process**

**10 CSR 20-6.090            Class III Mineral Resources  
Injection/Production Well Operating  
Permits**

**Section (1)            General**

- Subsection (A) Applicability
- Subsection (B) Forbidden Discharges
- Subsection (C) Permits Required
- Subsection (D) Department Authority to Initiate Action
- Subsection (E) Confidentiality Claims
- Subsection (F) Advanced Notice of Certain Changes in Activity
- Subsection (G) Applicant Records Retention

**Section (2)            Permit Application**

- Subsection (A) Application Required
- Subsection (B) Application Contents
- Subsection (C) Application Signatures
- Subsection (D) Authorized Representatives
- Subsection (E) Change in Authorized Representatives
- Subsection (F) Deficient Applications
- Subsection (G) Document Certification
- Subsection (H) Application Mailing Address
- Subsection (I) Information Considered Prior to Permit Issuance

**Section (3)            Operating Permits**

- Subsection (A) OPs Required
- Subsection (B) Original Application and Processing Timeframes
- Subsection (C) Renewal Application and Processing Timeframes
- Subsection (D) Area Permits Permissible
- Subsection (E) Area Permit Contents
- Subsection (F) Area Permits may Allow Well Additions or  
Changes
- Subsection (G) Modification, Termination or Enforcement for  
Violations

**Section (4) Permit Terms and Conditions**

- Subsection (A) Mandatory Conditions
- Subsection (B) Contaminates Prohibited from Underground Sources of Drinking Water (USDW)
- Subsection (C) Remedies if USDW is Contaminated
- Subsection (D) Monitoring Requirements
- Subsection (E) Reporting Requirements

**Section (5) Prohibitions**

- Subsection (A) Violation of Laws and Regulations
- Subsection (B) Violations of WQ Standards
- Subsection (C) Discharge of Unnecessary Pollutants
- Subsection (D) Discharge of Radiological or Warfare Agents
- Subsection (E) Degradation of Previously Permitted Wells
- Subsection (F) Annular Injection or Production
- Subsection (G) Fluid Pressure Exceeding Fracture Pressure
- Subsection (H) Operation Prior to Construction Completion
- Subsection (I) Operation Prior to Corrective Action Completion

**Section (6) Construction Requirements**

- Subsection (A) Casing and Cementing
- Subsection (B) Pressure Switches on Certain Pumps
- Subsection (C) Well Logs and Well Tests Required

**Section (7) Permits Transferable**

- Subsection (A) Application for Transfer
- Subsection (B) Processing Timeframe

**Section (8) Plugging and Abandonment**

- Subsection (A) Proper Plugging Required
- Subsection (B) Plug Placement
- Subsection (C) Mud Weight Equalized
- Subsection (D) Aquifer Cleanup and Monitoring
- Subsection (E) Notification of Conversion or Abandonment

**10 CSR 20-6.100 General Pretreatment Regulation**

**Section (1) Applicability**

- Subsection (A) Nondomestic Discharges to POTWs
- Subsection (B) Discharge to Non-POTWs Exempted

**Section (2) Definitions**

**Section (3) Local Laws and Regulations Allowed**

**Section (4) Pretreatment Standards**

- Subsection (A) Prohibited Discharges
- Subsection (B) Specific Prohibitions
- Subsection (C) Conditions Requiring Specific Limits by POTW
- Subsection (D) Local Limits
- Subsection (E) Department Enforcement Actions

**Section (5) Pretreatment Standards**

- Subsection (A) Categorical Standards
- Subsection (B) Category Determination Request
- Subsection (C) Deadline for Compliance
- Subsection (D) Concentration and Mass Limits
- Subsection (E) Dilution Prohibited
- Subsection (F) Combined Waste Stream Formula

**Section (6) (Reserved)**

**Section (7) POTW Pretreatment Programs**

- Subsection (A) POTWs Required to have Pretreatment Program
- Subsection (B) OPs to Contain Conditions of Approved Programs
- Subsection (C) OPs to Contain Compliance Schedules
- Subsection (D) Causes for Permit Reissuance or Modification
- Subsection (E) POTW Pretreatment Program Requirements
- Subsection (F) Tributary POTWs with Pretreatment Programs

**Section (8) POTW Pretreatment Programs &/or Authorization to Revise Pretreatment Standards**

- Subsection (A) Approval Request
- Subsection (B) Contents of Program Submission
- Subsection (C) Conditional Program Approval
- Subsection (D) Department Review
- Subsection (E) Deficient Submissions
- Subsection (F) Consistency with "208" Plans

**Section (9) Approval Procedures**

- Subsection (A) Review Timeframes
- Subsection (B) Public Notice and Hearings
- Subsection (C) Department Decision
- Subsection (D) EPA Objections
- Subsection (E) Public Access to Submission
- Subsection (F) Notice of Decision

**Section (10) Reporting Requirements for POTWs and Industries**

- Subsection (A) Definition
- Subsection (B) Reporting Requirements for Categorical Industries

- Subsection (C) Compliance Schedule for Meeting Categorical Standards
- Subsection (D) Industrial Reports on Initial Compliance
- Subsection (E) Industrial Reports on Continued Compliance
- Subsection (F) Notice of Potential Problems
- Subsection (G) Compliance Monitoring and Analysis
- Subsection (H) Reporting Requirements for Non-Categorical Industries
- Subsection (I) Annual POTW Reports
- Subsection (J) Notification of Changed Discharge
- Subsection (K) Compliance Schedule for POTWs
- Subsection (L) Signatures on Industrial Reports
- Subsection (M) Signatures on POTW Reports
- Subsection (N) Fraud and False Statements
- Subsection (O) Record Keeping Requirements
- Subsection (P) Inactive POTW Programs
- Subsection (Q) Pretreatment Authorizations

**Section (11) Variances from Categorical Standards and Fundamentally Different Factors**

- Subsection (A) Definition
- Subsection (B) Purpose and Scope
- Subsection (C) Submissions
- Subsection (D) Notification

**Section (12) Confidentiality**

- Subsection (A) Confidentiality Requests
- Subsection (B) Effluent Data is not Confidential

**Section (13) Net/Gross Calculation**

- Subsection (A) Application Deadline and Contents
- Subsection (B) Criteria
- Subsection (C) Net Basis for Categorical Standards

**Section (14) Upset Provision**

- Subsection (A) Definition
- Subsection (B) Affirmative Defense
- Subsection (C) Demonstration of an Upset
- Subsection (D) Burden of Proof
- Subsection (E) Industrial User Responsibility

**Section (15) Bypass**

- Subsection (A) Definitions
- Subsection (B) Bypasses that Don't Violate Standards
- Subsection (C) Notice
- Subsection (D) Prohibition of Bypass

**Section (16) Modification of POTW Pretreatment Programs**

- Subsection (A) General
- Subsection (B) Procedures
- Subsection (C) Substantial Modifications

<<<Editors Note: 10 CSR 20-6.200 is in the modification process >>>

**10 CSR 20-6.200 Storm Water Regulations**

**Section (1) Storm Water Permits-General**

- Subsection (A) Applicability
- Subsection (B) Exemptions and Department Authority to Initiate Action
- Subsection (C) Definitions

**Section (2) Storm Water Discharge Associated with Industrial Activities**

- Subsection (A) Definition
- Subsection (B) Industrial Facilities Included
- Subsection (C) Application Requirements

**Section (3) Land Disturbance and Small Construction Activity**

- Subsection (A) Application Requirements
- Subsection (B) Application Timeframes and Owner Responsibility

**Section (4) Medium and Large Municipal Separate Storm Sewer Discharges**

- Subsection (A) Part 1 Application Requirements
- Subsection (B) Part 2 Application Requirements

**Section (5) Small Municipal Separate Storm Sewer Discharges**

- Subsection (A) General Permit Option
- Subsection (B) Site-Specific Permit Option
- Subsection (C) Co-permittee Option

**Section (6) Permit Requirements**

- Subsection (A) General Permits
- Subsection (B) Site-Specific Industrial Permits
- Subsection (C) Site-Specific Permits for Storm Sewers
- Subsection (D) Permit Terms and Conditions

**10 CSR 20-6.300 Concentrated Animal Feeding Operations (CAFOs)**

**Section (1) Definitions**

**Section (2) General**

- Subsection (A) Permits Required and Applicability
- Subsection (B) Exemptions
- Subsection (C) Department Authority to Initiate Activity
- Subsection (D) Critical Watershed Conditions
- Subsection (E) Design Standards

**Section (3) Permits**

- Subsection (A) Relevant Regulations
- Subsection (B) Professional Engineer's Seal Required
- Subsection (C) Requirements for Class IA CAFOs using Wet Handling Systems
- Subsection (D) Department Review Limited

**Section (4) Closure of Waste Storage Structures**

- Subsection (A) OPs and Structures Maintained Prior to Closure
- Subsection (B) Closure Requirements

**Section (5) Specific Statutory Requirements**

- Subsection (A) Buffers
- Subsection (B) Neighbor Notice
- Subsection (C) Special Class IA Requirements
- Subsection (D) CAFO Indemnity Fund

**Section (6) Letters of Approval (LOAs) [The LOA Program is inactive.]**

- Subsection (A) Applicability and Department Review
- Subsection (B) LOA Requirements
- Subsection (C) Modification and Revocation
- Subsection (D) LOA Prohibited if Permit is Required
- Subsection (E) Applications
- Subsection (F) Construction LOAs
- Subsection (G) Operating LOAs
- Subsection (H) Transfer of LOAs
- Subsection (I) Terms and Conditions

## Chapter 7 Regulations Water Quality

### List of Chapter 7 Rules

10 CSR 20-7.015 Effluent Regulations

10 CSR 20-7.031 Water Quality Standards

10 CSR 20-7.050 General Methodology for Development of Impaired Waters List

## **Outline of Individual Chapter 7 Rules**

### **10 CSR 20-7.015 Effluent Regulation**

#### **Section (1) Designation of Waters of the State**

Subsection (A) Waters of the State Categories

Subsection (B) Effluent Limit Applicability

#### **Section (2) Missouri and Mississippi Rivers Limitations**

Subsection (A) Applicability

Subsection (B) Domestic Wastewater Discharge Limits

Subsection (C) Suspended Solids may be Returned

Subsection (D) Monitoring Requirements

#### **Section (3) Lakes and Reservoirs Limitations**

Subsection (A) Applicability

Subsection (B) Domestic Wastewater Discharge Limits

Subsection (C) Monitoring Requirements

Subsection (D) Class L1--Drinking Water Supply Lakes

Subsection (E) Class L3--Lakes that are not Publicly Owned

Subsection (F) Lake Taneycomo

Subsection (G) Table Rock Lake

#### **Section (4) Losing Stream Limitations**

Subsection (A) Other Alternatives must be Considered

Subsection (B) Domestic Wastewater Discharge Limits

Subsection (C) Monitoring Requirements

#### **Section (5) Metropolitan No-Discharge Streams Limitations**

Subsection (A) Discharge Prohibition, with Certain Allowances

Subsection (B) Compliance with Water Quality Standards  
Required

Subsection (C) Monitoring Requirements

#### **Section (6) Special Streams Limitations**

Subsection (A) Outstanding National Resource Waters

Subsection (B) Outstanding State Resource Waters

#### **Section (7) Subsurface Waters Limitations**

Subsection (A) Protection of Groundwater

Subsection (B) Wastewater Discharge Conditions

Subsection (C) Abandoned Wells and Test Holes to be Sealed

Subsection (D) Land Application Monitoring Plans

- Subsection (E) Exception for DNR-Approved Design
- Subsection (F) Other Exceptions

**Section (8) All Other Waters Limitations**

- Subsection (A) Applicability
- Subsection (B) Domestic Wastewater Discharge Limits
- Subsection (C) Monitoring Requirements

**Section (9) General Conditions**

- Subsection (A) Monitoring, Analysis and Reporting
- Subsection (B) Dilution Not Acceptable
- Subsection (C) Compliance
- Subsection (D) New Source Performance Standards
- Subsection (E) Bypassing
- Subsection (F) Sludge Facilities
- Subsection (G) Industrial, Agricultural, and Other Nondomestic Wastewater Discharges

**10 CSR 20-7.031 Water Quality Standards**

**Section (1) Definitions**

**Section (2) Antidegradation**

- Subsection (A) Existing Beneficial Uses to be Maintained
- Subsection (B) Three-Tier Antidegradation Statement
- Subsection (C) Outstanding State and National Resource Waters

**Section (3) General Criteria**

- Subsection (A) Putrescent, Unsightly or Harmful Bottom Deposits
- Subsection (B) Oil, Scum and Floating Debris
- Subsection (C) Color, Turbidity or Offensive Odors
- Subsection (D) Toxicity to Human, Animals or Aquatic Life
- Subsection (E) Human Health Hazards
- Subsection (F) Acute Toxicity to Livestock or Wildlife
- Subsection (G) Impairments to Natural Biological Community
- Subsection (H) Solid Waste
- Subsection (I) Mixing Zones and Unclassified Waters Criteria (WET Tests)

**Section (4) Specific Criteria**

- Subsection (A) Chronic Toxicity
- Subsection (B) Toxic Substances
- Subsection (C) Fecal Coliform
- Subsection (D) Temperature
- Subsection (E) pH

Subsection	(F)	Taste and Odor
Subsection	(G)	Turbidity and Color
Subsection	(H)	Solids
Subsection	(I)	Radioactive Materials
Subsection	(J)	Dissolved Oxygen
Subsection	(K)	Total Dissolved Gases
Subsection	(L)	Sulfate and Chloride for Aquatic Life
Subsection	(M)	Carcinogenic Substances
Subsection	(N)	Standard Laboratory Methods
Subsection	(O)	Water Quality Criteria Development
Subsection	(P)	WET Tests for Chronic Toxicity
Subsection	(Q)	Biocriteria

**Section (5) Groundwater**

Subsection	(A)	Criteria for all Aquifers and Caves
Subsection	(B)	Criteria for Aquifers and Caves Contributing Surface Flow
Subsection	(C)	Criteria Apply to All Parts of Aquifer
Subsection	(D)	Alternative Criteria

**Section (6) Metropolitan No-Discharge Streams**

**Section (7) Outstanding National Resource Waters**

**Section (8) Outstanding State Resource Waters**

**Section (9) Lake Taneycomo**

**Section (10) Permittee Compliance Timeframes**

**Section (11) Losing Streams**

Subsection	(A)	Losing Stream Determinations
Subsection	(B)	Permits Consistent with Losing Stream Determinations
Subsection	(C)	Presumption Absent Specific Determination
Subsection	(D)	Permit Compliance Timeframes and Criteria
Subsection	(E)	Treatment Facility Expansions

**Section (12) Severance**

**Section (13) Effective Date**

**Table A Criteria for Designated Uses**

<b>Table B</b>	<b>Ammonia Criteria</b>
<b>Table C</b>	<b>Streams Designated for Cold Water Fisheries</b>
<b>Table D</b>	<b>Outstanding National Resource Waters</b>
<b>Table E</b>	<b>Outstanding State Resource Waters</b>
<b>Table F</b>	<b>Metropolitan No-Discharge Streams</b>
<b>Table G</b>	<b>Lake Classifications and Use Designations</b>
<b>Table H</b>	<b>Stream Classifications and Use Designations</b>
<b>Table I</b>	<b>Biocriteria Reference Locations</b>
<b>Table J</b>	<b>Losing Streams</b>

**10 CSR 20-7.050**

**General Methodology for  
Development of Impaired Waters  
List**

**Section (1) Definitions**

**Section (2) Acceptable WQ Data for Use in Compiling the 303(d) List**

- Subsection (A) Use of scientifically defensible data
- Subsection (B) Data used to be collected subsequent to event
- Subsection (C) Four levels of assurance of water quality data

**Section (3) WQ Data Evaluation for Development of the 303(d) List**

- Subsection (A) If designated uses not met water is impaired
- Subsection (B) Means to determine if waters are impaired

**Section (4) Creation of the Proposed 303(d) List**

- Subsection (A) Methodology development and public review
- Subsection (B) Preliminary list proposed for public comment
- Subsection (C) 303(d) list promulgated as CWC Rule
- Subsection (D) Establishing TMDL priority ratings

## List of Chapter 8 Rules

- 10 CSR 20-8.010 Design of Municipal Stabilization Lagoons (Rescinded)
- 10 CSR 20-8.020 Design of Small Sewage Works
- 10 CSR 20-8.021 Individual Sewage Treatment Systems (Rescinded)
- 10 CSR 20-8.030 Design of Sewage Works (Rescinded)
- 10 CSR 20-8.110 Engineering Reports, Plans and Specifications
- 10 CSR 20-8.120 Design of Sewer
- 10 CSR 20-8.130 Sewage Pumping Stations
- 10 CSR 20-8.140 Sewage Treatment Works
- 10 CSR 20-8.150 Screening, Grit Removal and Flow Equalization
- 10 CSR 20-8.160 Settling
- 10 CSR 20-8.170 Sludge Handling and Disposal
- 10 CSR 20-8.180 Biological Treatment
- 10 CSR 20-8.190 Disinfection
- 10 CSR 20-8.200 Wastewater Treatment Pond (Lagoons)
- 10 CSR 20-8.210 Supplemental Treatment Processes
- 10 CSR 20-8.220 Land Treatment
- 10 CSR 20-8.500 Secondary Containment for Agrichemical Facilities

### Key Words:

Regulations, regulatory requirements, Clean Water Commission regulations, rules, regulatory summary, regulatory overview

**Page ID:** Appendix I.3

**Revised by:** Jim Penfold

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**Revision Date:** 12/06/2005