

Permitting after Red Tape Reduction

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Operating Permits Section

Chapter Review

- Chapter 6 – Permits
- Chapter 7 – Effluent Regulations
- Chapter 8 – Minimum Design Standards
- Chapter 9 – Treatment Plant Operations

Chapter 6 –Permits

- 10 CSR 20 - 6.010 Construction and Operating Permits
 - Itemization of construction permit exemptions
 - Continuing Authority
 - Application signature and responsible for compliance
 - Level 2
 - Availability

Chapter 6 –Permits (Continued)

- 10 CSR 20 - 6.010 Construction and Operating Permits
 - Demonstration Projects
 - CP applications (1 eCopy and 1 Paper Copy)
 - CP effective date extended from 1 to 2 years with extension possible.



Chapter 6 –Permits (Continued)

- 10 CSR 20 - 6.010 Construction and Operating Permits
 - Permit modification applications (CP)
 - Hydrostatic testing exemption
 - *De minimis* exemption for all new pipelines/tanks
 - Supervised Programs
 - Includes collection system and treatment system activities.

Chapter 6 –Permits (Continued)

- 10 CSR 20 - 6.010 Construction and Operating Permits
 - Supervised Programs
 - Applicable for majors with treatment facility
 - CA Level 1, 2 or 3
 - CP exemption for self-funded projects to collection system or treatment plant
 - Approval tied to operating permit

Chapter 7 – Effluent Regulations



Chapter 7 – Effluent Regulations

- Nutrient Monitoring
 - Influent Monitoring
 - Speciation of nitrogen compounds
 - Monthly monitoring for majors
- *E. coli* short term limitations for SCR uses
 - 5 times the criteria

Chapter 7 – Effluent Regulations (Continued)

- Monitoring frequencies
 - Removal of design flow fractions
- Analytical methods
 - 40 CFR 136



Chapter 8 – Minimum Design Standards

- Title change
 - Requirements vs guidance
- New rule 10 CSR 20-8.125
 - “Alternative Sewers” (ex STEP)

Chapter 8 – Minimum Design Standards (Continued)



- Technology design updates
 - Recirculating media filters, Sequencing batch reactors, Wastewater Irrigation, Lagoon Retrofits, ultraviolet light, Dechlor, Polishing reactors

Chapter 9 – Treatment Plant Operations

- 10 CSR 20-9.010 Wastewater Treatment Systems Operation Scope Monitoring
 - Removal of connection count for determination
 - “Daily” is Monday – Friday
 - Discharging vs Non-discharging lagoons
 - RMF operational testing (pressure)
 - Temperature monitoring for aeration basins

Chapter 9 – Treatment Plant Operations (Continued)

- 10 CSR 20-9.020 Certification of Wastewater Operators
 - Removal of connection count for determination
 - “Chief Operator”
 - Update/clarification of plant point system
 - Notification to the Department regarding change in operators



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QUESTIONS?