

Chapter 12 Crosswalk

For informational purposes only. Not part of rule package proposed for promulgation.

Chapter 12 Subject	Revision locations	2018 TSS Part(s)	What changed? Why?
Section 1. Authority		NA	Section 1 is a condensed summary statement of WQD's promulgation authority.
Section 2. Applicability	Current Chapter 12 -- Section 2. Purpose	NA	Section 2 summarizes the direction provided in W.S. 35-11-301(a)(iii) and Water Quality Rules Chapter 3 requirements for obtaining a permit for a public water system. Included passages align with other WQD Rules for consistency.
Section 3. Timing of Compliance with These Regulations	Current Chapter 12 -- Section 3. Intent	NA	Section 3 informs public water systems that their facility remains covered by a previously authorized permit. Included passages describe the timing of compliance for new or modified facilities subject to the Chapter.
Section 4. Incorporation By Reference of Recommended Standards for Water Works 2018 Edition	Current Chapter 12 -- Section 4. Definitions: can now be found in Section 5	Section 4. identifies that the TSS has been incorporated by reference as noted in Section 8(a), Section 9(a), Section 10(a), Section 11(a), Section 12(a), Section 13(a), Section 14(a), Section 15(a), Section 16(a), Section 17(a), and Section 19(a)(lviii)	Section 4 was identified as an ideal location to introduce the Incorporation By Reference of Recommended Standards for Water Works 2018 Edition (TSS). The section identifies which sections of Chapter 12 include an incorporation by reference and what was incorporated by reference in each section of Chapter 12. The section identifies the "Reviewing Authority" as the WDEQ-WQD Administrator.
Section 5. Definitions	Current Chapter 12 -- Section 5. Facilities and Systems not Specifically Covered by these Standards: can now be found in Section 6	NA	Section 5 now covers Chapter 12 Definitions previously covered in Section 4. These definitions supplement the definitions of W.S. 35-11-103.
Section 6. Facilities and Systems not Specifically Covered by these Standards	Current Chapter 12 -- Section 6. Engineering Design Report: can now be found in Section 9.	NA	Section 6 now covers Facilities and Systems not Specifically Covered by these Standards, previously covered in Section 5. This section heading and content have been changed to be more inclusive of the permitting requirements, including the engineering design report and other permitting matters. The Engineering Design Report requirements are located in Section 9.
Section 7. Permits, Permit Application, and Recordkeeping Requirements	Current Chapter 12 -- Section 7. Plans and Specifications Content: can now be found in Section 8.	NA	Section 7 now covers Permits, Permit Application and Recordkeeping. The section outlines an alternative two-step process to permit wells and tanks, which allows flexibility to the permitting process when constructing a well or bidding a finished storage tank. The section includes new language for site access, application and professional requirements.
Section 8. Plans and Specifications	Current Chapter 12 -- Section 8. General Design Considerations: can now be found in Section 10. Design Requirements for Preliminary Treatment and Redundancy.	Section 8(a) introduces the items incorporated by reference from the TSS	Section 8 now covers Plans and Specifications previously covered in Section 7. The section has been updated, consolidated, and revised to include appropriate sections for TSS incorporation by reference.
Section 9. Engineering Design Report	Current Chapter 12 -- Section 9. Source Development: can now be found in Section 11.	Section 9(a) introduces the items incorporated by reference from the TSS	Section 9 now covers the Engineering Design Report requirements previously included in Section 6. The section added requirements for design reports for wells drilled through multiple aquifers, conversion of an existing well into a public water supply well, new treatment facilities and modifications, and water main modifications. The section has been updated, consolidated, and revised to include appropriate sections for TSS incorporation by reference.
Section 10. Design Requirements for Preliminary Treatment and Redundancy	Current Chapter 12 -- Section 10. Treatment: can now be found in Section 12.	Section 10(a) introduces the items incorporated by reference from the TSS	Section 10 replaces current Section 8, General Design Considerations, which covers design items for water treatment systems. The section has been updated to include instantaneous flow and turbidity meters to align with water treatment rules and EPA requirements. The section has been updated, consolidated and revised to include appropriate sections for TSS IBR.

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Section 11. Source Development	Current Chapter 12 -- Section 11. Chemical Application: can now be found in Section 13.	Section 11(a) introduces the items incorporated by reference from the TSS	Section 11 now covers Source Development, previously covered in Section 9. The section has been updated to include NSF61 material options, spring protection areas, and spring development criteria, updated well gravel pack and filter pack materials. The section has been revised to include the intent of Stabilized Drawdown for pump tests, align isolation distances with Water Quality Chapters 11 and 25, include public water supply (PWS) well requirements for wells that are developed through acidization, and provide an economical option for well and storage requirements for transient non-community PWS. The section has been updated, consolidated, and revised to include appropriate sections for TSS incorporation by reference.
Section 12. Treatment	Current Chapter 12 -- Section 12. Pumping Facilities: can now be found in Section 14.	Section 12(a) introduces the items incorporated by reference from the TSS	Section 12 now covers treatment previously covered in Section 10. The section has been updated to include new passages including incorporation by reference of NSF 61 for chlorination equipment, UV light disinfection requirements, ozone disinfection requirements, membrane requirements, bag and cartridge filtration options, requirements for pre-engineered treatment plants, and requirements to ensure designs are compliant with national drinking water regulations. The section has been updated, consolidated, and revised to include appropriate sections for TSS incorporation by reference.
Section 13. Chemical Application	Current Chapter 12 -- Section 13. Finished Water Storage: can now be found in Section 15.	Section 13(a) introduces the items incorporated by reference from the TSS	Section 13 now covers Chemical Application previously covered in Section 11. The section has been updated, consolidated, and revised to include appropriate sections for TSS incorporation by reference.
Section 14. Pumping Facilities	Current Chapter 12 -- Section 14. Distribution Systems: can now be found in Section 16.	Section 14(a) introduces the items incorporated by reference from the TSS	Section 14 now covers Pumping Facilities previously covered in Section 12. The section has been updated, consolidated, and revised to include appropriate sections for TSS incorporation by reference.
Section 15. Finished Water Storage	Current Chapter 12 -- Section 15. Laboratory Requirements: can now be found in Section 17.	Section 15(a) introduces the items incorporated by reference from the TSS	Section 15 now covers Finished Water Storage previously covered in Section 13. The section has been modified to address tank vent options, tank overflow options, #24 mesh requirements on vents and overflows (as necessary), and options to address tank turnover. The section has been updated, consolidated, and revised to include appropriate sections for TSS incorporation by reference.
Section 16. Distribution Systems	Current Chapter 12 -- Section 16. Operations and Maintenance Manuals: can now be found in Section 18.	Section 16(a) introduces the items incorporated by reference from the TSS	Section 16 now covers Distribution Systems previously covered in Section 14. The section has been updated to include distribution piping updates and references for Air Relief Valves, hazard classifications and backflow prevention, and flow fill options for crossings and separation distance. The section has been updated, consolidated, and revised to include appropriate sections for TSS incorporation by reference.
Section 17. Laboratory Requirements	Current Chapter 12 -- ended at Section 16	Section 17(a) introduces the items incorporated by reference from the TSS	Section 17 now covers Laboratory Requirements previously covered in Section 15. The section has been updated, consolidated, and revised to include appropriate sections for TSS incorporation by reference.
Section 18. Operation and Maintenance Manuals	Current Chapter 12 -- ended at Section 16	NA	Section 18 now covers Operations and Maintenance Manuals previously covered in Section 16. The section has been updated to include new requirements to address emergency situations and safety information. The section has been updated, consolidated, and revised to include appropriate sections for TSS incorporation by reference.
Section 19. Incorporation by Reference	Current Chapter 12 -- ended at Section 16	Section 19(a) introduces all codes, standards, rules and regulations incorporated by reference	Section 19, Incorporation by Reference, is a new section that identifies all codes, standards, rules, and regulations that are incorporated by reference in Chapter 12.