



Rulemaking Index  
Water Quality Rules  
Chapter 12

EQC Docket 22-3103

Index of Materials

The following is an index of materials that the Department of Environmental Quality relied upon to develop the proposed rule, in accordance with Department of Environmental Quality, Rules of Practice and Procedure, Chapter 3, Section 5(b).

1. SMC-Martin. Turbidity Removal for Small Public Water Systems. US Environmental Protection Agency. 1983.
2. Culp, Wesner, Culp. Handbook of Public Water Systems. New York, NY: Van Nostrand Reinhold Company Inc. 1986.
3. Driscoll, Fletcher G. Groundwater and Wells. 2nd ed. St. Paul, Minnesota: Johnson Filtration Systems Inc. 1986.
4. Revisions to State Primacy Requirements To Implement Safe Drinking Water Act Amendments, 63 Fed. Reg. 23362 (April 28, 1998) (to be codified at 40 CFR Parts 141 and 142).
5. Kruseman, G. P., and N. A. de Ridder. Analysis and Evaluation of Pumping Test Data. Amsterdam: Veenman drukkers, Ede. 2000.
6. United States Environmental Protection Agency, Office of Water. Wastewater Technology Fact Sheet: In-Plant Pump Stations. EPA 832-F-00-069 September 2000.
7. American Water Works Association. Principles and Practices of Water Supply Operations: Water Transmission and Distribution. 2003.
8. United States Environmental Protection Agency, Office of Water. Understanding the Safe Drinking Water Act. EPA 816-F-04-030. June 2004.
9. United States Environmental Protection Agency, Office of Water. Membrane Filtration Guidance Manual. EPA 815-R-06-009. November 2005.

10. United States Environmental Protection Agency, Office of Water. Ultraviolet Disinfection Guidance Manual For The Final Long Term 2 Enhanced Surface Water Treatment Rule. EPA 815-R-06-007. November 2006.
11. United States Environmental Protection Agency, Office of Water. Ground Water Rule Sample Collection and Transport: A Quick Reference Guide. EPA 815-F-08-007. July 2008.
12. United States Department of Agriculture, Natural Resources Conservation Service. Well Design and Spring Development. January, 2010.
13. United States Environmental Protection Agency, Long Term 2 Enhanced Surface Water Treatment Rule Toolbox Guidance Manual, April 2010.
14. Washington State Department of Health, Groundwater Rule: Source Water Sample Taps. DOH 331-436 Revised. (July 2010).
15. Minnesota Department of Health, Rules Handbook: A Guide To Minnesota Rules Chapter 4725, Wells And Borings (March 31, 2011).
16. Wyoming Department of Environmental Quality, Request for Comments Chapter 12 (January 4, 2013)
17. Office of the Governor, Streamlining Government Initiative (April 9, 2013)
18. Great Lakes - Upper Mississippi River Board of State and Provincial Public Health and Environmental Managers. 2014. Recommended Standards for Wastewater Facilities: Policies for the Design, Review, and Approval of Plans and Specifications for Wastewater Collection and Treatment Facilities. A Report of the Wastewater Committee, Wastewater Committee, Minnesota Department of Health, Albany, NY: Health Research, Inc., Health Education Services Division.
19. Colorado Department of Public Health and Environment. Safe Drinking Water Implementation Program, "Design Criteria for Potable Water Systems." 2017.
20. National Ground Water Association. Manual of Water Well Construction Practices. 2017.
21. Great Lakes - Upper Mississippi River Board of State and Provincial Public Health and Environmental Managers. 2018. Recommended Standards For Water Works: Policies for the Review and Approval of Plans and Specifications for Public Water Supplies. Water Supply Committee, Minnesota Department of Health, St. Paul: Minnesota's Bookstore Communications Media Division.
22. Karen L. Farley, P.E. to Mark Cunnane, PE/PG, February 6, 2018, Water Quality Division.

23. United States Environmental Protection Agency, Office of Research and Development. Small Drinking Water Systems Research and Development, Addressing Challenges and Providing Solutions for Small Communities. 2020.
24. United States Environmental Protection Agency, Office of Research and Development. Innovative Approaches for Validation of Ultraviolet Disinfection Reactors for Drinking Water Systems. EPA/600/R-20/094. April 2020.
25. United States Environmental Protection Agency, Office of Water. Guidance Manual for Compliance with the Surface Water Treatment Rules: Turbidity Provisions. EPA 815-R-20-004. June 2020.
26. West Yellowstone, MT. General Ordinances Municipal Code.ch.13.04 June 2, 2020 "Definitions." Public Water Supply.
27. Code of Federal Regulations. 40 CFR § 143.2, Definitions. July 1, 2020.
28. Michigan Department Of Environment, Great Lakes, and Energy, Drinking Water And Environmental Health Division, Environmental Health Section, Source Water Unit, Well Construction Program, Michigan Flowing Well Handbook, (October 2020).
29. Wyoming Department of Environmental Quality, Water Quality Rules, Design and Construction Standards for Public Water Supplies, Chapter 12 (proposed November 5, 2021, clean copy).
30. Wyoming Department of Environmental Quality, Water Quality Rules, Design and Construction Standards for Public Water Supplies, Chapter 12 (proposed November 5, 2021, strike and underline copy).
31. Wyoming Department of Environmental Quality, Water Quality Rules, Design and Construction Standards for Public Water Supplies, Chapter 12 Statement of Principal Reasons for Adoption, (proposed November 5, 2021 ).
32. Wyoming Department of Environmental Quality, Water Quality Division "Public Notice: Water and Waste Advisory Board Meeting," public notice, November 5, 2021.
33. Public Comments submitted by Darwin Dyck, November 8, 2021, Wyoming Department of Environmental Quality.
34. Public Comments submitted by Darwin Dyck, November 8, 2021, Wyoming Department of Environmental Quality.
35. Public Comments submitted by Jason Palmer, City of Green River, December 1, 2021, Wyoming Department of Environmental Quality.
36. Public Comments submitted by Dayton Alsaker, December 6, 2021, Wyoming Department of Environmental Quality.

37. Public Comments submitted by Bryce Dorr, Cheyenne Board of Public Utilities, December 6, 2021, Wyoming Department of Environmental Quality.
38. Public Comments submitted by Lisa Kahn, United States Environmental Protection Agency, Region 8, December 6, 2021, Wyoming Department of Environmental Quality.
39. Public Comments submitted by Dayton Alsaker, December 8, 2021, Wyoming Department of Environmental Quality.
40. Public Comments submitted by Wyoming Association of Rural Water Systems, December 9, 2021, Wyoming Department of Environmental Quality.
41. Public Comments submitted by Andy Hooten, December 10, 2021, Wyoming Department of Environmental Quality.
42. Wyoming Department of Environmental Quality, Water Quality Division, “Analysis of Comments Received Prior to the December 21, 2021 Water and Waste Advisory Board Meeting” December 17, 2021.
43. Wyoming Department of Environmental Quality, Water Quality Rules, Design and Construction Standards for Public Water Supplies, Chapter 12 (proposed December 20, 2021, clean copy).
44. Wyoming Department of Environmental Quality, Water Quality Rules, Design and Construction Standards for Public Water Supplies, Chapter 12 (proposed December 20, 2021, strike and underline copy).
45. Wyoming Department of Environmental Quality, Water Quality Rules, Design and Construction Standards for Public Water Supplies, Chapter 12 (proposed December 20, 2021, changes noted since November 5, 2021).
46. Public Comments submitted by Jeffery Rosenlund, December 20, 2021, Wyoming Department of Environmental Quality.
47. Public Comments submitted by Dave Engels, American Council of Engineering Companies of Wyoming, December 20, 2021, Wyoming Department of Environmental Quality.
48. Wyoming Department of Environmental Quality, Water Quality Division, “Analysis of Comments Received on Monday, December 20, 2021 for the Water and Waste Advisory Board Meeting,” December 20, 2021.
49. Public Comments submitted by Bryan Seppie, December 21, 2021, Wyoming Department of Environmental Quality.
50. *Transcript of Meeting Proceedings Before the Water and Waste Advisory Board*, (Wy. December 21, 2021.)
51. Wyoming Department of Environmental Quality, Water Quality Division “Public Notice of Extended Public Comment,” public notice, December 29, 2021.

52. Email from Keenan Hendon, Wyoming Department of Environmental Quality, to Dayton Alsaker, (January 20, 2022, 13:41 MST)(on file with Ms. Thompson).
53. Email from Keenan Hendon, Wyoming Department of Environmental Quality, to Jeff Rosunland, (January 20, 2022, 13:43 MST)(on file with Ms. Thompson).
54. Email from Keenan Hendon, Wyoming Department of Environmental Quality, to Frank Strong and Bryce Dorr, Cheyenne Board of Public Utilities, (January 20, 2022, 13:45 MST)(on file with Ms. Thompson).
55. Email from Keenan Hendon, Wyoming Department of Environmental Quality, to Darwin Dyck, (January 20, 2022, 13:47 MST)(on file with Ms. Thompson).
56. Email from Keenan Hendon, Wyoming Department of Environmental Quality, to Andy Hooten, (January 20, 2022, 13:52 MST)(on file with Ms. Thompson).
57. Email from Keenan Hendon, Wyoming Department of Environmental Quality, to Jason Palmer, (January 20, 2022, 13:53 MST)(on file with Ms. Thompson).
58. Email from Keenan Hendon, Wyoming Department of Environmental Quality, to Dave Engels, (January 20, 2022, 13:55 MST)(on file with Ms. Thompson).
59. Email from Keenan Hendon, Wyoming Department of Environmental Quality, to Gary Grigsby and Harrison Carter, Wyoming Engineering and Surveying Society, (January 20, 2022, 15:41 MST)(on file with Ms. Thompson).
60. Email from Keenan Hendon, Wyoming Department of Environmental Quality, to Mark Pepper, Wyoming Association of Rural Water Systems, (January 24, 2022, 8:25 MST)(on file with Ms. Thompson).
61. Email from Keenan Hendon, Wyoming Department of Environmental Quality, to Kyle St. Clair and Lisa Kahn, United States Environmental Protection Agency, (January 27, 2022, 15:08 MST)(on file with Ms. Thompson).
62. Email from Keenan Hendon, Wyoming Department of Environmental Quality, to Jeff Rosunland and Dayton Alsaker, DOWL, (January 28, 2022, 14:06 MST)(on file with Ms. Thompson).
63. Email from Keenan Hendon, Wyoming Department of Environmental Quality, to Bryce Dorr and Frank Strong, Cheyenne Board of Public Utilities, (January 28, 2022, 14:08 MST)(on file with Ms. Thompson).
64. Public Comments submitted by Craig Barsness, Shoshone Municipal Pipeline, January 31, 2022, Wyoming Department of Environmental Quality.
65. Wyoming Department of Environmental Quality, Water Quality Division, "Wyoming Department of Environmental Quality, Water Quality Division, "Analysis of Comments

- Received Prior to the December 21, 2021 Water and Waste Advisory Board Meeting”  
March 2, 2022.
66. Wyoming Department of Environmental Quality, Water Quality Rules, Design and Construction Standards for Public Water Supplies, Chapter 12 (proposed March 2, 2022, clean copy).
  67. Wyoming Department of Environmental Quality, Water Quality Rules, Design and Construction Standards for Public Water Supplies, Chapter 12 (proposed March 2, 2022, strike and underline copy).
  68. Wyoming Department of Environmental Quality, Water Quality Rules, Design and Construction Standards for Public Water Supplies, Chapter 12 (proposed March 2, 2022, changes noted since November 5, 2021).
  69. Wyoming Department of Environmental Quality, Water Quality Division, “Water and Waste Advisory Board Comments, December 21, 2021 Meeting.”
  70. Wyoming Department of Environmental Quality, Water Quality Division, “Analysis of Comments Discussed with Commenter after 3/1/22 and Additional Revisions Proposed Since 3/1/22.”(proposed March 14, 2022)
  71. *Transcript of Meeting Proceedings Before the Water and Waste Advisory Board*, (Wy. March 15, 2022.)
  72. The website of Law Insider; “Residential Water Service Connection Definition.” 2022.
  73. Cal. Health and Safety § 116275. 2022
  74. Idaho Admin Code. 37.03.10, 2022.
  75. Idaho Admin Code. 58.01.08, 2022.
  76. Jennifer Zygmunt to Lorie Cahn, March 25, 2022 , Water Quality Division.
  77. Wyoming Department of Environmental Quality, Water Quality Division “Public Notice: Water and Waste Advisory Board Meeting,” public notice, April 20, 2022.
  78. Wyoming Department of Environmental, Quality, Water Quality Rules, Design and Construction Standards for Public Water Supplies, Chapter 12 (proposed April 20, 2022, clean copy).
  79. Wyoming Department of Environmental Quality, Water Quality Rules, Design and Construction Standards for Public Water Supplies, Chapter 12 (proposed April 20, 2022, strike and underline copy).
  80. Wyoming Department of Environmental Quality, Water Quality Rules, Design and Construction Standards for Public Water Supplies, Chapter 12 (proposed April 20, 2022, changes noted since March 15, 2021).
  81. Wyoming Department of Environmental Quality, “March 15, 2022, Water and Waste Advisory Board Comments Chapter 12,” April 20, 2022.
  82. Wyoming Department of Environmental Quality, Water Quality Division, “Wyoming Department of Environmental Quality, Water Quality Division, “Analysis of Comments Received at the March 15, 2022 Water and Waste Advisory Board Meeting” April 20, 2022.

83. *Transcript of Meeting Proceedings Before the Water and Waste Advisory Board*, (Wy. May 3, 2022.)
84. Wyoming Department of Environmental Quality, “May 3, 2022 Water and Waste Advisory Board Comments Chapter 12,” July 22, 2022.
85. Memorandum signed by Jennifer Zygmunt, “Recommendation Regarding Formal Rulemaking for Water Quality Rules Chapter 12” Wyoming Department of Environmental Quality, July 22, 2022.
86. Wyoming Department of Environmental Quality, Water Quality Rules, Design and Construction Standards for Public Water Supplies, Chapter 12 (proposed July 26, 2022, clean copy).
87. Wyoming Department of Environmental Quality, Water Quality Rules, Design and Construction Standards for Public Water Supplies, Chapter 12 (proposed July 26, 2022, strike and underline copy).
88. Wyoming Department of Environmental Quality, Water Quality Rules, Chapter 12, Takings Analysis (July 27, 2022).
89. Memorandum signed by Nicole Budine, “Request for Review of Proposed Rules for Statutory Authority,” Wyoming Department of Environmental Quality, August 4, 2022.
90. Memorandum signed by Todd Parfitt, “Supplemental Information Related to Proposed Rules for Wyoming Department of Environmental Quality, Water Quality, Chapter 12,” August 15, 2022, Wyoming Department of Environmental Quality, Water Quality Division.
91. Memorandum signed by Kit Wendtland, “Governor’s Permission to Proceed,” August 19, 2022, Wyoming Department of Environmental Quality.
92. Wyoming Department of Environmental Quality, Water Quality Rules, Design and Construction Standards for Public Water Supplies, Chapter 12 Statement of Principal Reasons for Adoption, (proposed August 26, 2022 )
93. Memorandum signed by Todd Parfitt, “Hearing Request for Water Quality Rules Chapter 12,” August 29, 2022, Wyoming Department of Environmental Quality, Water Quality Division.
94. Wyoming Department of Environmental Quality, Water Quality Division “Public Notice: Environmental Quality Council Hearing-Water Quality Rules Chapter 12,” public notice, August 31, 2022.
95. Public Comments submitted by Philip Gyr, Nelson Engineering, October 14, 2022, Wyoming Department of Environmental Quality.
96. Public Comments submitted by Tammy Reed, Trihydro Corporation, October 17, 2022, Wyoming Department of Environmental Quality.

97. Public Comments submitted by Richard Cripe, Y2 Consultants, October 17, 2022, Wyoming Department of Environmental Quality.
98. Wyoming Department of Environmental Quality, Water Quality Rules, Design and Construction Standards for Public Water Supplies, Chapter 12 (proposed November 08, 2022, clean copy).
99. Wyoming Department of Environmental Quality, Water Quality Rules, Design and Construction Standards for Public Water Supplies, Chapter 12 (proposed November 08, 2022, strike and underline copy).
100. Wyoming Department of Environmental Quality, Water Quality Rules Chapter 12, Changes Proposed Since 07/26/22, November 08, 2022.
101. Wyoming Department of Environmental Quality, Water Quality Division, “Analysis of Written Comments Received by October 17, 2022 for Docket 22-3103” November 08, 2022.
102. Wyoming Department of Environmental Quality, Water Quality Division, Great Lakes - Upper Mississippi River Board of State and Provincial Public Health and Environmental Managers. 2018. Recommended Standards For Water Works: Policies for the Review and Approval of Plans and Specifications for Public Water Supplies. (November 08, 2022 Water Quality Rules Chapter 12 Incorporations by Reference Highlighted).
103. Public Notice: “Wyoming Environmental Quality Council: Rulemaking Public Comment Period,” public notice, January 27, 2023.
104. Public Comments submitted by United States Environmental Protection Agency Region 8, March 23, 2023, Wyoming Department of Environmental Quality.
105. Public Comments submitted by Trihydro, March 14, 2023, Wyoming Department of Environmental Quality.
106. Public Comments submitted by Lorie Cahn, March 14, 2023, Wyoming Department of Environmental Quality.
107. Wyoming Department of Environmental Quality, Water Quality Division “Wyoming Environmental Quality Council Hearing Continuation of Consideration of Rulemaking Notice of Intent to Adopt Rules,” public notice, April 16, 2023.
108. Wyoming Department of Environmental Quality, Water Quality Rules, Design and Construction Standards for Public Water Supplies, Chapter 12 (proposed May 1, 2023, clean copy).
109. Wyoming Department of Environmental Quality, Water Quality Rules, Design and Construction Standards for Public Water Supplies, Chapter 12 (proposed May 1, 2023, strike and underline copy).



110. Wyoming Department of Environmental Quality, Water Quality Rules Chapter 12, Changes Proposed Since 11/08/2022, May 1, 2023.
111. Wyoming Department of Environmental Quality, Water Quality Division, “Analysis of Written Comments Received between January 27, 2023 and March 14, 2023 for Docket 22-3103” May 1, 2023.
112. Wyoming Department of Environmental Quality, Water Quality Division, Chapter 12 Crosswalk” May 1, 2023.

All of the documents listed above are available for review upon request at the Department of Environmental Quality’s Cheyenne office, located at 200 W. 17th St. Cheyenne, WY 82002.

If you would like to arrange to review the documents in person, please contact Gina Thompson at [gina.thompson@wyo.gov](mailto:gina.thompson@wyo.gov) or at (307) 777-7343.