

Drinking Water Division Submittal Requirements

Drinking Water Program: Colorado Department of Public Health and Environment
Water Quality Control Division - Engineering Section August 2012
References: *Colorado Primary Drinking Water Regulations*
State of Colorado Design Criteria for Potable Water Systems

Submittal location:

Division prefers one (1) hard copy and one (1) electronic copy for all submittals.

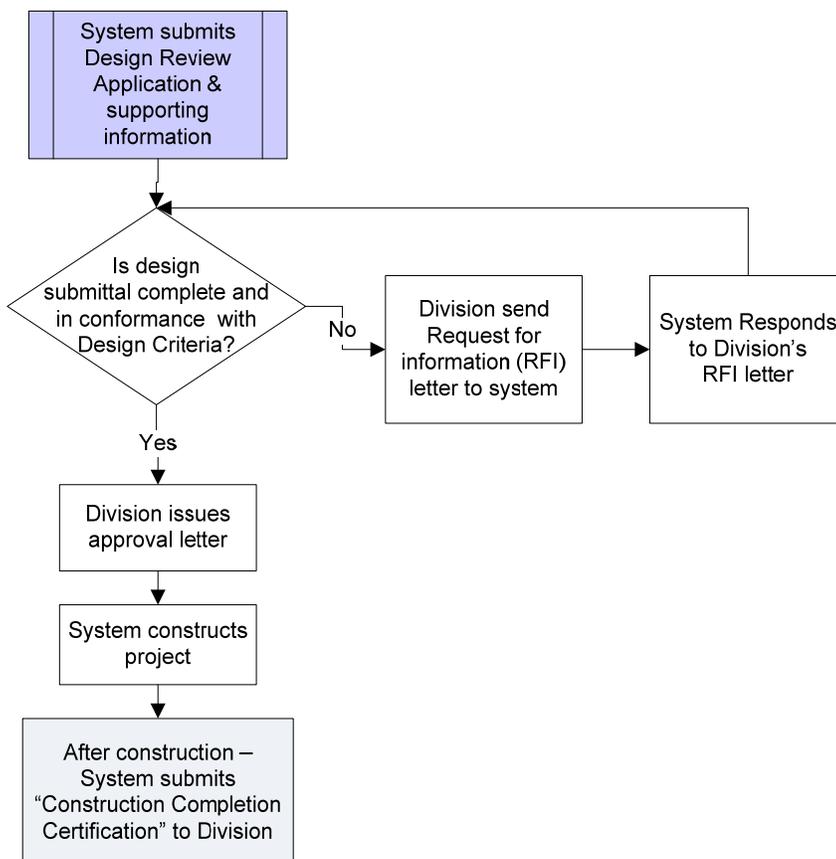
CDPHE-WQCD ES B2
4300 Cherry Creek Drive South
Denver, CO 80246

Electronic mail: CDPHE.WQEngReview@state.co.us



Design Approval Applications

1. Fill out and submit "Drinking Water Application Form"
2. Produce an engineering report that meets the requirements of Section 1.2 of the *Design Criteria for Potable Water Systems*.
3. Prepare final plans and specifications to demonstrate that the design meet the requirements of *Design Criteria for Potable Water Systems*.
4. Submit information to local authorities for review and comments.
5. Submit information to the Division for Design Review processing.



Construction Completion Certification

1. After approval and completion of construction, the engineer for CWS and/or system representative (NCWS) must certify that the works were constructed according to the plans, specification, and significant amendments. Fill out the construction completion form.
2. Submit to the Division for final project processing.

Design Criteria for Potable Water Systems

The Division reviews and approves water system based on the *State of Colorado Design Criteria for Potable Water Systems* (Design Criteria). The Design Criteria covers all aspects of potable water facility design. The Design Criteria is available on the Division's website.

Design Submittal Requirements

Project submittal requirements depend on the scope of the proposed project. The Division reviews projects based on the *State of Colorado Design Criteria for Potable Water Systems (Design Criteria)*. Please review Part 1 of the Design Criteria for overall submittal requirement and any Part of the Design Criteria related to the proposed project (e.g., “Part 2: Groundwater Sources” for a new well)

The following table is a summary of submittal requirements for a potable water design approval

Submittal Item Description	When Required ?
Drinking Water Application Form	All Submittals
Project Report or description (address Section 1.2 of the Design Criteria)	All Submittals
Design Calculations (address Section 1.3 of the Design Criteria)	As applicable for project design (e.g., new chemical feed pumps require a chemical dosing calculation)
Inventory Section of the Monitoring Plan	All Submittals
Vicinity Map	All Submittals
Water Rights and Well Information	Required for new sources
Water System Schematic Process Flow Diagram (PFD) and Project Drawings (e.g., well head improvements, treatment facility layouts)	Required for new treatment facilities or improvements modifications As applicable for project construction and comprehension (e.g., treatment modifications require a treatment facility layout)
Floodplain Certification and supporting documents (e.g., FIRMette map)	Required for all projects that might be effected by flooding (e.g., new sources, facilities, tanks or building expansions)
Raw Water Quality Results	Required for new sources
Equipment Manufacturer Information & ANSI/NSF Potable Water Certification	Required for all proposed equipment
Other relevant information	As applicable
Technical, Managerial, and Financial Information	New community or Non-Transient, Non-Community Water Systems

