

Summary of changes for Group B rule proposal (8/20/10)

246-291-001: Purpose and scope.

- Changed the purpose to be clear that the rules focus on initial Group B water system design and construction.
- Added in specific language about local authorities.

246-291-010: Definitions.

- Many new definitions and modification to existing definitions, including: dwelling unit, Group B water system, non-residential connection, non-residential out-building, purveyor, simple system, and others.

246-291-020: Applicability. No major changes

WAC 246-291-025: Bottled water and ice plants.

- Added ice to bottled water requirements to meet chapter 246-290 WAC.

WAC 246-291-030: General administration.

- Specify that all Group B systems with two or fewer connections are exempt from the rule, except for systems regulated by local health jurisdictions, or those needing an approved public water supply under another permit, such as:
 - ✓ Food Code (chapter 246-215 WAC)
 - ✓ Private Psychiatric, Alcoholism and Chemical Dependency Hospitals (chapters 246-322 and 246-324 WAC)
 - ✓ Residential Treatment Facilities (chapter 246-337 WAC)
 - ✓ Temporary Worker Housing (chapters 246-358, 246-359, and 296-307 WAC)
 - ✓ Cherry Harvest Camps (chapter 246-361 WAC)
 - ✓ Transient Accommodations (chapter 246-360 WAC)
 - ✓ Boarding Homes (chapter 388-78A WAC)
 - ✓ Nursing Homes (chapter 388-97 WAC)
 - ✓ Childcare Centers (chapter 170-295 WAC)
 - ✓ Inspection of Food Processors (chapter 16-165 WAC)

246-291-040: Professional engineer.

- Section deleted and content moved into Design Report (section 120).

246-291-050: Enforcement.

- Simplified language to read, “When a system is out of compliance with these rules, the department may initiate appropriate enforcement actions under RCW 70.119A.040.”
- Added section clarifying statutory authority for other local enforcement.

246-291-060: Waivers—changed to Variances.

- The local health officer may grant variances if the local health jurisdiction has adopted local regulations or if the local health jurisdiction has accepted primary responsibility for oversight of Group B systems through a Joint Plan of Responsibility (JPR).
- Variances may not be granted for:
 - The resident population standard (WAC 246-291-200).
- To grant a waiver or variance the health officer must condition the approval to ensure proper treatment

246-291-090: Water System Coordination Act.

- Moved from planning section 140 into its own section.
- Added some language to clarify the requirements that exist in statute.

246-291-100: Ground water source approval and protection.

- Section moved to new section 125.

WAC 246-291-110 Surface water and GWI source approval and protection. Deleted.

246-291-120: Design report.

- Incorporated the list of elements needed to submit for a new Group B approval and cross-references the requirements from several sections.
- Incorporated professional engineering requirements.

246-291-125: Ground water source approval and protection.

- Requires that all new sources must be drilled wells.
- Surface water, GWI and potential GWI sources are not acceptable for new sources of supply.
- New sources must meet primary MCLs (without treatment) and secondary MCLs (with treatment).
- New sources must have a capacity of 750 gallons per day (gpd) maximum day demand (MDD) and 1,250 gpd MDD per residential connection. Watershed / instream flow rules don't affect system sizing.

WAC 246-291-130 Existing system approval. Moved to section 280 and renamed.

WAC 246-291-170 Water quality requirements.

- Consolidated water quality requirements from three sections (sections 320, 330, and 350) into one section.
- Removed once per year ongoing coliform monitoring requirements.
- Removed once every three years ongoing nitrate monitoring requirement.
- Reduced arsenic MCL to 10 ppb.
- Add in specifics about initial testing requirements.
- Reformatted primary and secondary contaminants into separate tables.
- Specify that sources must meet primary MCLs without treatment.
- Require systems to treat secondary contaminants to meet MCLs.

WAC 246-291-200 Design standards.

- System population must be calculated using OFM average values for each county.
- System must be designed to supply 750 gpd/residential connection MDD for systems in western Washington; 1,250 gpd/residential connection MDD for eastern Washington.
- Specify peak hourly demand (PHD) requirements.
- Specify equalizing storage requirements.

WAC 246-291-210 Distribution Systems.

- Parts moved to section 200.
- Prohibits the use of individual booster pumps to meet the hydraulic design standards.
- Includes limitations and specification about storage reservoirs.

WAC 246-291-220 Disinfection of Facilities.

- Added details about specific industry standard disinfection procedures.

WAC 246-291-230 Treatment design and operations. Deleted.

246-291-240: Reliability provisions in design.

- Section deleted. Some content moved to sections 200 and 210.

WAC 246-291-250 Continuity of service.

- Simplified this section to clarify intent for notification if system is ceasing operations.

WAC 246-291-260 Record-keeping and Reporting. Deleted

WAC 246-291-270 Cross-connection control.

- Section deleted. Elements of this section put into section 120 around design approval, and into section 140 for planning.

WAC 246-291-280 Adequacy of existing systems.

- Edited to clarify that some systems may be found adequate for permits and loans, but unless approved under this chapter, the system cannot expand to new connections or expand their use of the system.
- Clarifies that systems with approval under a previous version of the Group B rule can expand to their approved number of connections.

WAC 246-291-300 General monitoring requirements.

- Clarified that monitoring can be required in situations where significant public health risk warrants it.

WAC 246-291-310 General follow-up. Deleted.

WAC 246-291-320 Bacteriological. Combined with other sections into water quality requirements, section 170.

WAC 246-291-330 Inorganic chemical and physical. Combined with other sections into water quality requirements, section 170.

WAC 246-291-340 Turbidity. Deleted.

WAC 246-291-350 Other Substances. Combined with other sections into water quality requirements, section 170.

WAC 246-291-360 Public notification.

- Clarified that systems must notify consumers if they do monitor and find *E. coli* or nitrate greater than 10 ppm.
- Shortened the timeframes for notification to 24 hours.