

**WAC 246-291-210 Distribution systems.** (1) Storage reservoirs shall be designed to:

- (a) Prevent entry by birds, animals, insects, excessive dust, and other potential sources of external contamination;
- (b) Include:
  - (i) A weathertight roof;
  - (ii) A lockable access hatch;
  - (iii) A screened roof vent;
  - (iv) An overflow pipe with atmospheric discharge or other suitable means to prevent a cross-connection;
  - (v) A sample tap;
  - (vi) A drain to daylight, or an alternative design approved by the department or health officer that is adequate to protect against cross-connection;
  - (vii) Tank isolation in order to perform maintenance procedures; and
  - (viii) Other appurtenances appropriate for the protection of stored water from contamination;
- (c) Be above normal ground surface level. If the bottom elevation of a storage reservoir must be below normal ground surface:
  - (i) The storage reservoir must be placed above the groundwater table; and
  - (ii) The top of a partially buried storage reservoir must be at least two feet above normal ground surface.

(2) A Group B system designed to supply fire hydrants must have a minimum distribution main size of six inches (150 mm) supplying each hydrant.

[Statutory Authority: RCW 43.20.050 and chapter 70.119A RCW. WSR 12-24-070, § 246-291-210, filed 12/4/12, effective 1/1/14. Statutory Authority: RCW 43.20.050. WSR 94-14-002, § 246-291-210, filed 6/22/94, effective 7/23/94.]