
HOUSE BILL 1747

State of Washington

66th Legislature

2019 Regular Session

By Representatives Doglio, Gregerson, Jinkins, and Dolan

1 AN ACT Relating to risk-based water quality standards for on-site
2 nonpotable water systems; and adding a new section to chapter 90.46
3 RCW.

4 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF WASHINGTON:

5 NEW SECTION. **Sec. 1.** A new section is added to chapter 90.46
6 RCW to read as follows:

7 (1)(a) By December 31, 2019, the department of health, in
8 consultation with the Washington state building code council, shall
9 adopt rules for:

10 (i) Risk-based water quality standards for the on-site treatment
11 and reuse of nonpotable alternative water sources for nonpotable end
12 uses in multifamily residential, commercial, and mixed-use buildings,
13 and district-scale projects, including a mix of multifamily
14 residential, commercial, and mixed-use buildings; and

15 (ii) Construction standards to adopt the risk-based framework
16 water quality standards.

17 (b) The department of health must ensure that rules adopted under
18 this subsection take effect January 1, 2021.

19 (2) At a minimum, the rules required under subsection (1) of this
20 section must address the following:

1 (a) Risk-based log reduction targets for the removal of
2 pathogens, such as enteric viruses, parasitic protozoa, and enteric
3 bacteria for alternative water sources, including wastewater from all
4 domestic fixtures, gray water, rainwater, and stormwater for
5 nonpotable end uses such as toilet and urinal supply water, clothes
6 washing, irrigation, and dust suppression;

7 (b) Treatment and performance requirements;

8 (c) Water quality monitoring requirements;

9 (d) Reporting requirements for the treatment, performance, and
10 water quality monitoring results;

11 (e) Notification and public information requirements;

12 (f) Cross-connection controls; and

13 (g) Permitting.

14 (3)(a) An on-site treated nonpotable water system in operation
15 before January 1, 2021, must comply with the rules established
16 pursuant to subsection (1) of this section by January 1, 2023.

17 (b) If a permitting local jurisdiction finds that the permittee
18 is working to come into compliance with the rules adopted under
19 subsection (1) of this section, but due to extenuating circumstances
20 related to the engineering, repair, or replacement of the system a
21 further extension is warranted, the local jurisdiction may grant an
22 extension to comply with the rules. The extension may not exceed
23 January 1, 2025.

24 (4) The Washington department of health may consult or contract
25 with other public or private entities, including but not limited to
26 the state building code council and the department of ecology for
27 advice on state building code language, water rights, water quality,
28 and other technical matters relating to adoption of the risk-based
29 water quality standards pursuant to subsection (1) of this section.

30 (5) For the purposes of this section, "local jurisdiction"
31 includes a county, city, or town.

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