
ENGROSSED SUBSTITUTE HOUSE BILL 1747

State of Washington

66th Legislature

2019 Regular Session

By House Local Government (originally sponsored by Representatives Doglio, Gregerson, Jinkins, and Dolan)

READ FIRST TIME 02/22/19.

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 July 1, 2021, the department of health, in consultation
8 with the Washington state building code council and the Washington
9 state association of plumbers and pipefitters who participate in the
10 development of the Uniform Plumbing Code under chapter 19.27 RCW,
11 shall adopt rules for:

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

17 (ii) Construction standards to adopt the risk-based framework
18 water quality standards.

19 (b) The department of health may not authorize the use of
20 wastewater from any domestic fixtures for irrigation of any land
21 where food products are or could be produced.

1 (c) The department of health must ensure that rules adopted under
2 this subsection take effect December 31, 2021.

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

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

11 (b) Treatment and performance requirements;

12 (c) Water quality monitoring requirements;

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

15 (e) Notification and public information requirements;

16 (f) Cross-connection controls; and

17 (g) Permitting.

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

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

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

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

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