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**HOUSE BILL 1747**

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**State of Washington**

**66th Legislature**

**2019 Regular Session**

**By** Representatives Doglio, Gregerson, Jinkins, and Dolan

Read first time 01/30/19. Referred to Committee on Local Government.

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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