



STATE OF WASHINGTON
STATE BUILDING CODE COUNCIL

May 2018
Log No. _____

1. State Building Code to be Amended:

- | | |
|---|---|
| <input checked="" type="checkbox"/> International Building Code | <input type="checkbox"/> International Mechanical Code |
| <input type="checkbox"/> ICC ANSI A117.1 Accessibility Code | <input type="checkbox"/> International Fuel Gas Code |
| <input type="checkbox"/> International Existing Building Code | <input type="checkbox"/> NFPA 54 National Fuel Gas Code |
| <input type="checkbox"/> International Residential Code | <input type="checkbox"/> NFPA 58 Liquefied Petroleum Gas Code |
| <input type="checkbox"/> International Fire Code | <input type="checkbox"/> Wildland Urban Interface Code |
| <input type="checkbox"/> Uniform Plumbing Code | |

For the Washington State Energy Code, please see specialized [energy code forms](#)

Sections: 2902.5.4; 2902.5.4.1; 2902.5.4.2; 2902.5.4.3

Title: HB 1085 Bottle Filling Stations

2. Proponent Name (Specific local government, organization or individual):

Proponent: State Building Code Council Staff: Dustin Curb

Title: Code Specialist

Date: 12/04/2024

3. Designated Contact Person:

Name: Dustin Curb

Title: State Building Code Council Staff : Code Specialist

Address: 1500 Jefferson St. SE, Olympia, WA, 98501

Office Phone: (360)972.4158

Cell: (NA)

E-Mail address: dustin.curb@des.wa.gov

- 4. Proposed Code Amendment.** Reproduce the section to be amended by underlining all added language, striking through all deleted language. Insert new sections in the appropriate place in the code in order to continue the established numbering system of the code. If more than one section is proposed for amendment or more than one page is needed for reproducing the affected section of the code, additional pages may be attached.

Clearly state if the proposal modifies an existing amendment or if a new amendment is needed. If the proposal modifies an **existing amendment**, show the modifications to the existing amendment by underlining all added language and striking through all deleted language. If a new amendment is needed, show the modifications to the **model code** by underlining all added language and striking through all deleted language.

Codes: International Building Code **Sections:** 2902.5.4; 2902.5.4.1; 2902.5.4.2; 2902.5.4.3

Enforceable code language must be used.

Amend section to read as follows: **see attachment #2**

- 5. Briefly explain your proposed amendment, including the purpose, benefits and problems addressed.** Specifically note any impacts or benefits to business, and specify construction types, industries and services that would be affected. Finally, please note any potential impact on enforcement such as special reporting requirements or additional inspections required.

See Attachment #1

- 6. Specify what criteria this proposal meets.** You may select more than one.
- The amendment is needed to address a critical life/safety need.
 - The amendment clarifies the intent or application of the code.
 - The amendment is needed to address a specific state policy or statute.
 - The amendment is needed for consistency with state or federal regulations.
 - The amendment is needed to address a unique character of the state.
 - The amendment corrects errors and omissions.

- 7. Is there an economic impact:** Yes No

If no, state reason:

If yes, provide economic impact, costs and benefits as noted below in items a – f.

Exempt per RCW 34.05.328 (5) (b) (v)

- a. **Life Cycle Cost.** Use the OFM Life Cycle Cost [Analysis tool](#) to estimate the life cycle cost of the proposal using one or more typical examples. Reference these [Instructions](#); use these [Inputs](#). Webinars on the tool can be found [Here](#) and [Here](#)). If the tool is used, submit a copy of the excel file with your proposal submission. If preferred, you may submit an alternate life cycle cost analysis.
- b. **Construction Cost.** Provide your best estimate of the construction cost (or cost savings) of your code change proposal.

\$Click here to enter text./square foot

(For residential projects, also provide \$Click here to enter text./ dwelling unit)

Show calculations here, and list sources for costs/savings, or attach backup data pages

- c. **Code Enforcement.** List any code enforcement time for additional plan review or inspections that your proposal will require, in hours per permit application:

- d. **Small Business Impact.** Describe economic impacts to small businesses:

- e. **Housing Affordability.** Describe economic impacts on housing affordability:

- f. **Other.** Describe other qualitative cost and benefits to owners, to occupants, to the public, to the environment, and to other stakeholders that have not yet been discussed:

Please send your completed proposal to: sbcc@des.wa.gov

All questions must be answered to be considered complete. Incomplete proposals will not be accepted.

Attachment #1

2023 Legislative Implementation Form

Agency Name (179) Department of Enterprise Services
Agency Lead Ann Larson, Director of Government Relations
(360) 407-8275; ann.larson@des.wa.gov

Lead Program SBCC
Lead Program Contact Stoyan Bumbalov

Bill Number 1085
Legislative Bill Link <https://app.leg.wa.gov/bills/summary?BillNumber=1085&Year=2023>
Session Law Chapter 135, Law 2023
Effective Date 7/23/2023

Bill Title
Reducing plastic pollution.

Final Enrolled Bill Analysis

① Provide a synopsis of the legislation as enacted.

An Act relating to reducing plastic pollution; amending RCW 43.21B.110 and 43.21B.300; adding a new section to chapter 19.27 RCW; adding new sections to chapter 70A.245 RCW; creating new sections; and prescribing penalties.

Summary of Major Provisions

① Provide a summary of major provisions of the legislation as enacted. Describe any impacts on or changes to current law, new law and/or any laws being repealed (by section number).

Example: Section 1: Amends RCW 12.34.567(8) to/by (describe the result of the statute change)

Section 2: A new section is added to chapter 19.27 RCW, which mandates the SBCC to adopt rules that will require a bottle filling station or a combined bottle filling station and drinking fountain for each drinking fountain that is required under other provisions of the building code. The rules required under this section must take effect and be implemented by July 1, 2026.

Implementations Impacts

① Provide a summary in applicable sections below where there are implementation impacts.

Resource Impacts

None

Funding Impacts

None

Committee(s) Created

The 2024 UPC and 2024 IBC Technical Advisory Groups will be utilized when adopting the new rule. No new committee is needed.

Legislative Reporting Requirements

None

New Rule Making Requirements and/or Updates

This bill will require revisions to WAC 51-50 and WAC 51-56.

New Policy

None

Policy Updates

None

Work Plan & Timetable

The work can be done during the 2024 code adoption cycle, pursuant to the Administrative Procedure Act and the current policies and procedures. The SBCC staff will start developing the initial language for inclusion into the 2024 IBC and 2024 UPC by January 2024. The Technical Advisory Group review is expected to start in March 2024, and the new rule can be adopted as early as December 2024 with effective date July 1, 2026.

Update: 12/04/24

[19.27.590](#)

Drinking fountain/bottle filling station.

(1) In any construction subject to the requirements of this chapter in which a drinking fountain is required under the international building code as amended and adopted by the building code council, the rules adopted by the building code council must also require the provision of a bottle filling station, or a combined bottle filling station and drinking fountain for each drinking fountain that is required.

(2) The rules required under this section must take effect and be implemented by July 1, 2026, and may be periodically updated thereafter.

(3) For the purposes of this section, "bottle filling station" means a plumbing fixture connected to the potable water distribution system and sanitary drainage system that is designed and intended for filling personal use drinking water bottles or containers not less than 10 inches (254 millimeters) in height. A bottle filling station may be separate from or integral to a drinking fountain and may incorporate a water filter and a cooling system for chilling the drinking water.

Attachment #2

2021 International Building Code Sections for Proposed Change

1110.5 Drinking fountains. Where drinking fountains are provided on an exterior site, on a floor or within a secured area, the drinking fountains shall be provided in accordance with Sections 1110.5.1 and 1110.5.2.

(W)1110.5.1 Minimum number. Not fewer than two drinking fountains shall be provided. One drinking fountain shall comply with the requirements for people who use a wheelchair and one drinking fountain shall comply with the requirements for standing persons.

Exceptions

1. A single drinking fountain with two separate drinking spouts that complies with the requirements for people who use a wheelchair and standing persons shall be permitted to be substituted for two separate fixtures.
2. Where drinking fountains and bottle filling stations are primarily for children's use, drinking fountains and bottle filling stations for people using wheelchairs shall be permitted to comply with the children's provisions in ICC A117.1 and drinking fountains for standing children shall be permitted to provide the spout at 30 inches (762 mm) minimum above the floor.
3. In all occupancies that require more than two drinking fountains per floor or secured area, bottle filling stations shall be allowed to be substituted in accordance with Section 2902.5.

1110.5.2 More than the minimum number. Where more than the minimum number of drinking fountains specified in Section 1110.5.1 is provided, 50 percent of the total number of drinking fountains provided shall comply with the requirements for persons who use a wheelchair and 50 percent of the total number of drinking fountains provided shall comply with the requirements for standing persons.

Exceptions:

1. Where 50 percent of the fixtures yields a fraction, 50 percent shall be permitted to be rounded up or down, provided that the total number of drinking fountains complying with this section equals 100 percent of the drinking fountains.
2. Where drinking fountains and bottle filling stations are primarily for children's use, drinking fountains and bottle filling stations for people using wheelchairs shall be permitted to comply with the children's provisions in ICC A117.1 and drinking fountains for standing children shall be permitted to provide the spout at 30 inches (762 mm) minimum above the floor.

1110.6 Bottle-filling stations. Bottle-filling stations shall be accessible.

Exception: Bottle-filling stations over drinking fountains for standing persons are not required to be accessible, provided that bottle-filling stations are also located over the drinking fountains for persons using wheelchairs.

(W)2902.5 Drinking fountain location. Drinking fountains shall not be required to be located in individual tenant spaces provided that public drinking fountains are located within a distance of travel of 500 feet of the most remote location in the tenant space and not more than one story above or below the tenant space. Where the tenant space is in a covered or open mall, such distance shall not exceed 300 feet. Drinking fountains shall be located on an accessible route in accordance with Section 1104 and ICC A117.1, Chapter 4. Drinking fountains stations shall not be located in toilet rooms.

(W)2902.5.1 Drinking fountain number. Occupant loads over 30 shall have one drinking fountain and bottle filling station for the first 150 occupants, then one per each additional 500 occupants.

Exceptions:

1. Sporting facilities with concessions serving drinks shall have one drinking fountain and bottle filling station for each 1000 occupants.
2. A drinking fountain and bottle filling station need not be provided in a drinking or dining establishment.

(W)2902.5.2 Multistory buildings. Drinking fountains and bottle filling stations shall be provided on each floor having more than 30 occupants in schools, dormitories, auditoriums, theaters, offices and public buildings.

(W)2902.5.3 Penal institutions. Penal institutions shall have one drinking fountain and bottle filling station on each cell block floor and one on each exercise floor.

2902.5.4 Bottle filling stations. Bottle filling stations shall be provided in accordance with Sections 2902.5.4.1 through 2902.5.4.3.

2902.5.4.1 Group E occupancies. In Group E occupancies with an occupant load over 30, a minimum of one bottle filling station shall be provided on each floor. This bottle filling station may be integral to a drinking fountain.

2902.5.4.2 Substitution. In all occupancies that require more than two drinking fountains per floor or secured area, *bottle filling stations* shall be permitted to be substituted for up to 50 percent of the required number of drinking fountains.

2902.5.4.3 Accessibility. At least one of the required bottle filling stations shall be located in accordance with Section 309 of ICC A117.1.

2902.6 Small occupancies. ~~This section is not adopted. Drinking fountains shall not be required for an occupant load of 15 or fewer.~~

Commented [BS(1): Remain not adopted

2024 IBC International Building Code Sections for Proposed Change

1110.7 Drinking fountains and bottle filling stations. Where drinking fountains and bottle filling stations are provided on an exterior *site*, on a floor or within a secured area, the ~~drinking fountains fixtures~~ shall be provided in accordance with Sections 1110.7.1 and 1110.7.2.

(W)1110.7.1 Minimum number. Not fewer than two drinking fountains and bottle filling stations shall be provided. One drinking fountain and bottle filling station shall comply with the requirements for people who use a wheelchair and one drinking fountain and bottle filling station shall comply with the requirements for standing persons.

Exceptions

1. A single drinking fountain with two separate drinking spouts that complies with the requirements for people who use a wheelchair and standing persons shall be permitted to be substituted for two separate fixtures.
2. Where drinking fountains and bottle filling stations are primarily for children's use, drinking fountains and bottle filling stations for people using wheelchairs shall be permitted to comply with the children's provisions in ICC A117.1 and drinking fountains for standing children shall be permitted to provide the spout at 30 inches (762 mm) minimum above the floor.
3. In all occupancies that require more than two drinking fountains per floor or secured area, bottle filling stations shall be allowed to be substituted in accordance with Section 2902.5.

1110.7.2 More than the minimum number. Where more than the minimum number of ~~drinking fountains fixtures~~ specified in Section 1110.5.1 is provided, 50 percent of the total number of ~~drinking fountains fixtures~~ provided shall comply with the requirements for persons who use a wheelchair and 50 percent of the total number of ~~drinking fountains fixtures~~ provided shall comply with the requirements for standing persons.

Exceptions:

1. Where 50 percent of the fixtures yields a fraction, 50 percent shall be permitted to be rounded up or down, provided that the total number of drinking fountains complying with this section equals 100 percent of the drinking fountains.
2. Where drinking fountains and bottle filling stations are primarily for children's use, drinking fountains and bottle filling stations for people using wheelchairs shall be permitted to comply with the children's provisions in ICC A117.1 and drinking fountains and bottle filling stations for standing children shall be permitted to provide the spout at 30 inches (762 mm) minimum above the floor.

1110.8 Bottle-filling stations. Bottle-filling stations shall be accessible.

Exception: Bottle-filling stations over drinking fountains for standing persons are not required to be accessible, provided that bottle-filling stations are also located over the drinking fountains for persons using wheelchairs.

1112.3 Directional Signage (no change)

Table 2902.1 (no change)

(W)2902.5 Drinking fountain and bottle filling station location. Drinking fountains and bottle filling stations shall not be required to be located in individual tenant spaces provided that public drinking fountains and bottle filling stations are located within a distance of travel of 500 feet of the most remote location in the tenant space and not more than one story above or below the tenant space. Where the tenant space is in a covered or open mall, such distance shall not exceed 300 feet. Drinking fountains and bottle filling stations shall be located on an accessible route in accordance with Section 1104 and ICC A117.1, Chapter 4. Drinking fountains and bottle filling stations shall not be located in toilet rooms.

(W)2902.5.1 Drinking fountain number. Occupant loads over 30 shall have one drinking fountain and bottle filling station for the first 150 occupants, then one per each additional 500 occupants.

Exceptions:

1. Sporting facilities with concessions serving drinks shall have one drinking fountain and bottle filling station for each 1000 occupants.

2. A drinking fountain and bottle filling station need not be provided in a drinking or dining establishment.

(W)2902.5.2 Multistory buildings. Drinking fountains and bottle filling stations shall be provided on each floor having more than 30 occupants in schools, dormitories, auditoriums, theaters, offices and public buildings.

(W)2902.5.3 Penal institutions. Penal institutions shall have one drinking fountain and bottle filling station on each cell block floor and one on each exercise floor.

(W)2902.5.4 Bottle filling stations. ~~Bottle filling stations shall be provided in accordance with Sections 2902.5.4.1 through 2902.5.4.3.~~

Commented [DC2]: State Amendment no longer needed with new proposed language

(W)2902.5.4.1 Group E occupancies. ~~In Group E occupancies with an occupant load over 30, a minimum of one bottle filling station shall be provided on each floor. This bottle filling station may be integral to a drinking fountain.~~

(W)2902.5.4.2 Substitution. In all occupancies that require more than two drinking fountains per floor or secured area, *bottle filling stations* shall be permitted to be substituted for up to 50 percent of the required number of drinking fountains.

(W)2902.5.4.3 Accessibility. At least one of the required bottle filling stations shall be located in accordance with Section 309 of ICC A117.1.

(W)2902.6 Small occupancies. ~~This section is not adopted.~~

Commented [BS(3)]: Remain not adopted

2902.6 Small occupancies. Drinking fountains and bottle filling stations shall not be required for an occupant load of 15 or fewer.