**15-046**

**1. State Building Code to be Amended:**

X International Building Code  State Energy Code

ICC ANSI A117.1 Accessibility Code  International Mechanical Code

International Existing Building Code  International Fuel Gas Code

International Residential Code  NFPA 54 National Fuel Gas Code

International Fire Code  NFPA 58 Liquefied Petroleum Gas Code

Uniform Plumbing Code  Wildland Urban Interface Code

**Section(s): WAC 51-50-009**

**Title: RECYCLABLE MATERIALS, COMPOST AND SOLID WASTE STORAGE**

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

**Proponent:** City of Mercer Island, Bruce Bassett

**Title:** Mayor

**Date:** February 25, 2015

**3. Designated Contact Person:**

|  |  |  |
| --- | --- | --- |
| **Name:** | Tana Senn | Chuck Murray |
| **Title:** | State Representative, 41st LD | SR Energy Policy Specialist |
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**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. (Examples on the SBCC [website](https://fortress.wa.gov/ga/apps/sbcc/Page.aspx?nid=191))

**Code(s)** IBC, as amended by Washington State **Section(s)** **WAC 51-50-009**

Enforceable code language must be used; see an example [by clicking here](https://fortress.wa.gov/ga/apps/SBCC/File.ashx?cid=1803).

Amend section to read as follows:

**WAC 51-50-009 RECYCLABLE MATERIALS, COMPOST AND SOLID WASTE STORAGE**

For the purposes of this section, the following definition shall apply:

**RECYCLED MATERIALS** means those solid wastes that are separated for recycling or reuse, such as papers, metals and glass.

**COMPOST** means biodegradable solid wastes that are separated for composting such as food waste, food soiled paper and yard waste.

All local jurisdictions shall require that space be provided for the storage of recycled materials, compost and solid waste for all new buildings

**Exceptions:** Group R-3 and Group U occupancies.

The storage area shall be designed to meet the needs of the occupancy, efficiency of pickup, and shall be available to occupants and haulers.

1. **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.

The proposed code change requires compost bins be included in the design requirements of solid waste disposal storage areas.

Increasingly, municipalities, county waste systems and commercial haulers are requiring that consumers separate compost from other solid waste streams. This code change assures designs accommodate the needed or required containers.

Providing composting reduces the loads imposed on solid waste landfills and wastewater treatment facilities. The management of biodegradable materials in the general waste stream requires compost management procedures be applied, somewhat ineffectively, to the large, volumes of general waste. Composting organic materials that have been diverted from general landfills ultimately avoids the production of methane and leachate formulation in the landfills. It also reduces solid waste management requirements at our wastewater facilities.

1. **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 is needed to address a specific state policy or statute.

The amendment is needed for consistency with state or federal regulations.

X The amendment is needed to address a unique character of the state.

The amendment corrects errors and omissions.

1. **Is there an economic impact:**  Yes     X No

Explain:

Cost: The code change does not require additional storage volume. It simply requires a change in the distribution of the waste into separate containers. This changes the design criteria, but not the effort in design or the cost of construction. Cost of enforcement would not change.

Benefits: We have not monetized the benefits.

If there is an economic impact, use the Table below to estimate the costs and savings of the proposal on construction practices, users and/or the public, the enforcement community, and operation and maintenance. If preferred, you may submit an alternate cost benefit analysis.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Building Type | Construction[[1]](#footnote-1) | | Enforcement[[2]](#footnote-2) | | Operations & Maintenance[[3]](#footnote-3) | |
| Costs | Benefits[[4]](#footnote-4) | Costs | Benefits4 | Costs | Benefits4 |
| Residential |  |  |  |  |  |  |
| Single family |  |  |  |  |  |  |
| Multi-family |  |  |  |  |  |  |
| Commercial/Retail |  |  |  |  |  |  |
| Industrial |  |  |  |  |  |  |
| Institutional |  |  |  |  |  |  |

Please send your completed proposal to: [sbcc@ga.wa.gov](mailto:sbcc@ga.wa.gov)

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

1. $ / square foot of floor area or other cost. Attach data. **Construction** costs are costs prior to occupancy, and include both design and direct construction costs

   that impact the total cost of the construction to the owner/consumer. [↑](#footnote-ref-1)
2. Cost per project plan. Attach data. **Enforcement** costs include governmental review of plans, field inspection, and other action required for enforcement. [↑](#footnote-ref-2)
3. Cost to building owner/tenants over the life of the project. [↑](#footnote-ref-3)
4. Measurable benefit. [↑](#footnote-ref-4)