
A BILL FOR AN ACT

RELATING TO WATER CONSERVATION.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

1 SECTION 1. According to the waste water branch of the
2 department of health in a report, "Guidelines for the Reuse of
3 Gray Water", dated June 22, 2009, gray water from residences may
4 be reused to irrigate the landscape of the property that the
5 gray water was generated from if certain conditions are
6 satisfied.

7 The legislature finds that the use of gray water for
8 landscape irrigation purposes should be increased in the
9 interests of fresh or potable water conservation.

10 The purpose of this Act is to encourage the widespread
11 reuse of gray water to irrigate lawns and gardens.

12 SECTION 2. Section 342D-1, Hawaii Revised Statutes, is
13 amended by adding a new definition to be appropriately inserted
14 and to read as follows:

15 "Gray water" means any untreated wastewater that has not
16 come into contact with toilet waste. Gray water includes used
17 water from bathtubs, showers, and bathroom wash basins and water
18 from clothes washers and laundry tubs; provided that the water



1 is not contaminated with any household hazardous waste as
2 defined in section 342G-1, hazardous waste as defined in section
3 342J-2, or any contaminant the department deems inappropriate.
4 Gray water excludes wastewater from food preparation sinks or
5 dishwashers."

6 SECTION 3. Section 342D-70, Hawaii Revised Statutes, is
7 amended to read as follows:

8 " ~~[f]§342D-70[+]~~ **Use of gray water ~~[from residential units]~~**
9 **for irrigation purposes.** (a) The department may authorize any
10 county to implement a gray water recycling program within its
11 jurisdiction. The gray water recycling program shall be limited
12 to the use of gray water ~~[from residential units]~~ for the
13 purpose of irrigating lawns and gardens. All use of gray water
14 shall conform to the state plumbing code, chapter 3-183, Hawaii
15 administrative rules.

16 (b) The county seeking authorization shall submit to the
17 department for its approval prior to implementation a detailed
18 ~~[residential]~~ gray water recycling plan, including rules and
19 procedures for the proposed program. The plan shall address the
20 appropriateness of the program for the geographic area, the
21 environmental impact of the program on the geographic area, the
22 cost of the program, and any other factors deemed relevant by



1 the department. The department may revoke the authorization at
2 any time.

3 The department and the counties are encouraged to promote
4 widespread use of gray water consistent with subsection (a) in
5 the interests of water conservation. Any guidelines for the use
6 of gray water for irrigation purposes shall be liberally
7 construed so as to allow widespread use of gray water.

8 (c) For the purposes of this section, "gray water" [means
9 ~~any water from the domestic plumbing system of a residence~~
10 ~~except toilets; provided that the discharged gray water is not~~
11 ~~contaminated with any household hazardous waste as defined in~~
12 ~~section 342C-1 or any other contaminant the department deems~~
13 ~~inappropriate.] shall have the same meaning as in section
14 342D-1."~~

15 SECTION 4. Statutory material to be repealed is bracketed
16 and stricken. New statutory material is underscored.

17 SECTION 5. This Act shall take effect upon its approval.



Report Title:

Water Pollution; Gray Water; Irrigation

Description:

Encourages the widespread use of gray water in the interests of water conservation. Requires use of gray water to conform to the State Plumbing Code. Defines gray water. (SB454 HD1)

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