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# A BILL FOR AN ACT

RELATING TO RAINWATER CATCHMENT SYSTEMS.

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

1           SECTION 1. The legislature finds that limited water  
2 infrastructure is a major barrier to new housing and sustainable  
3 land use in the State. Many properties, whether connected or  
4 not to county water systems, face restrictions that prevent  
5 efficient water use or new development. Rainwater catchment  
6 systems offer a low-cost, sustainable way to supplement water  
7 supply for potable and nonpotable uses. The legislature further  
8 finds that allowing these systems across all zoning types can  
9 reduce strain on public infrastructure, support local self-  
10 sufficiency, and encourage responsible water management.

11           Therefore, the purpose of this Act is to:

12           (1) Require the department of health to allow for the  
13                 installation and operation of rainwater catchment  
14                 systems for potable and nonpotable uses on all  
15                 properties; and



1 (2) Require the department of health to regulate and  
2 enforce standards for the use of rainwater catchment  
3 systems.

4 SECTION 2. Chapter 321, Hawaii Revised Statutes, is  
5 amended by adding a new section to be appropriately designated  
6 and to read as follows:

7 "§321- Regulation of rainwater catchment systems. (a)

8 The department of health shall permit the installation and  
9 operation of rainwater catchment systems for potable and  
10 nonpotable uses on all properties, regardless of whether the  
11 property is connected to a county water system.

12 (b) The department of health shall adopt rules pursuant to  
13 chapter 91 for the regulation and enforcement of rainwater  
14 catchment systems, which include safety, maintenance, design,  
15 and backflow prevention standards to prevent contamination of  
16 any public, county, or private water source. In adopting rules,  
17 the department shall consult, and may adopt by reference, the  
18 most current edition of the:

- 19 (1) American Rainwater Catchment Systems  
20 Association/American Society of Plumbing  
21 Engineers/American National Standards Institute



1           (ARCSA/ASPE/ANSI) 63: Rainwater Catchment Systems, as  
2           published jointly by the American Rainwater Catchment  
3           Systems Association and American Society of Plumbing  
4           Engineers, which establishes minimum design,  
5           installation, and safety standards for rainwater  
6           catchment systems; and  
7           (2) American Society for Sanitary Engineering/American  
8           Rainwater Catchment Systems Association/International  
9           Association of Plumbing and Mechanical  
10           Officials/American National Standards Institute  
11           (ASSE/ARCSA/IAPMO/ANSI) Series 21000: Professional  
12           Qualifications Standard for Rainwater Catchment  
13           Systems Personnel, as published jointly by the  
14           American Society for Sanitary Engineering  
15           International, American Rainwater Catchment Systems  
16           Association, and International Association of Plumbing  
17           and Mechanical Officials, which establishes uniform  
18           minimum qualifications for designers, installers, and  
19           inspectors of rainwater catchment systems.  
20           (c) The department of health may require registration,  
21           inspection, or notification of rainwater catchment systems where



1 necessary to protect public health or water quality but shall  
2 not unreasonably restrict or prohibit their use.

3 (d) As used in this section:

4 "County water system" means any public water infrastructure  
5 operated or regulated by a department or board of water supply  
6 of the county.

7 "Rainwater catchment system" means a system designed to  
8 collect and store rainwater from rooftops or other surfaces for  
9 potable and nonpotable use, including irrigation, toilet  
10 flushing, cleaning, and landscape watering."

11 SECTION 3. New statutory material is underscored.

12 SECTION 4. This Act shall take effect on July 1, 3000.



**Report Title:**

DOH; Rainwater Catchment Systems

**Description:**

Requires the Department of Health to allow for the installation and operation of rainwater catchment systems for potable and nonpotable uses on all properties. Requires the Department of Health to regulate and enforce standards for the use of rainwater catchment systems. Effective 7/1/3000. (SD1)

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