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# A BILL FOR AN ACT

RELATING TO THE ENVIRONMENT.

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

1           SECTION 1. The legislature finds that protecting the  
2 State's nearshore waters is important for public health and  
3 ecosystem resilience. Clean nearshore waters free of pollutants  
4 support the coral reef systems that are critical for protecting  
5 the State's shoreline, healthy recreation, and fisheries. Coral  
6 reefs that are protected from land-based pollutants, especially  
7 from wastewater pollutants, are better able to recover from  
8 ocean-warming events. Many conventional individual wastewater  
9 systems release nitrogen pollution into the groundwater that can  
10 be harmful to coral reefs, especially in areas with highly  
11 porous soils.

12           Accordingly, the purpose of this Act is to require:

13           (1) Newly installed or modified individual wastewater  
14           systems that are near the shoreline or on highly  
15           porous soils to include denitrification capacity; and



1 (2) The department of health to reduce requirements for  
2 disposal systems connected to wastewater systems with  
3 denitrification capacity.

4 SECTION 2. Chapter 342D, Hawaii Revised Statutes, is  
5 amended by adding a new section to part III to be appropriately  
6 designated and to read as follows:

7 "§342D- Individual wastewater systems; denitrification

8 capacity. (a) Beginning July 1, 2027, each individual  
9 wastewater system that is newly installed or modified shall have  
10 denitrification capacity if the wastewater system is located  
11 within two hundred feet from a shoreline.

12 (b) Beginning July 1, 2027, each individual wastewater  
13 system that is newly installed or modified in counties with a  
14 population greater than one hundred ninety thousand and less  
15 than eight hundred thousand shall have denitrification capacity  
16 if the wastewater system is located within twelve hundred feet  
17 from a shoreline in an area with highly porous substrate as  
18 shown on the most recent version of the United States Department  
19 of Agriculture Natural Resource Conservation Service's Web Soil  
20 Survey or the state geographic information system program.



1        (c) The department shall provide appropriate reductions in  
2 the requirements for disposal systems connected to wastewater  
3 systems with denitrification capacity.

4        (d) For the purposes of this section:

5        "Denitrification capacity" means certified to meet the  
6 guidelines of the National Sanitation Foundation and American  
7 National Standards Institute Standard 245 for residential  
8 wastewater treatment systems-nitrogen reduction, with a minimum  
9 fifty per cent reduction in nitrogen.

10       "Highly porous substrate" means soil with a porosity over  
11 seventy-five per cent.

12       "Shoreline" means the shoreline as defined in section  
13 205A-1 and as determined by the department of land and natural  
14 resources pursuant to section 205A-42."

15       SECTION 3. New statutory material is underscored.

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



**Report Title:**

DOH; Individual Wastewater Systems; Nearshore Waters;  
Shorelines; Denitrification Capacity

**Description:**

Beginning 7/1/2027, requires newly installed or modified individual wastewater systems that are near the shoreline or on highly porous soils to include denitrification capacity. Requires the Department of Health to reduce requirements for disposal systems connected to wastewater systems with denitrification capacity. Effective 7/1/3000. (HD1)

*The summary description of legislation appearing on this page is for informational purposes only and is not legislation or evidence of legislative intent.*

