

**RICHARD T. BISSEN, JR.**  
Mayor

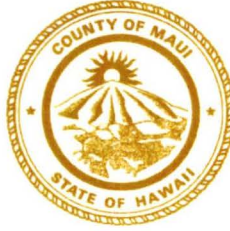
**SHAYNE R. AGAWA, P.E.**  
Director

Deputy Director

**MICHAEL KEHANO, P.E.**  
Solid Waste Division

**ERIC A. NAKAGAWA, P.E.**  
Wastewater Reclamation Division

Environmental Protection &  
Sustainability Division



**COUNTY OF MAUI  
DEPARTMENT OF  
ENVIRONMENTAL MANAGEMENT**

2145 KAOHU STREET, SUITE 102  
WAILUKU, MAUI, HAWAII 96793

April 1, 2025

Honorable Richard T. Bissen, Jr.  
Mayor, County of Maui  
200 South High Street  
Wailuku, HI 96793

**APPROVED FOR TRANSMITTAL**

*Richard T. Bissen, Jr.* 4-1-25  
Mayor Date

For Transmittal to:

Honorable Tamara Paltin, Chair  
Disaster Recovery, International Affairs, and Planning Committee  
200 South High Street  
Wailuku, HI 96793

Dear Councilmember Paltin:

**SUBJECT: BILL 103 (2024), AMENDING CHAPTER 19.08, MAUI COUNTY CODE,  
RELATING TO DENSITY WITHIN RESIDENTIAL DISTRICTS  
(DRIP-2)**

In response to your March 24, 2025 request regarding Bill 103 and the density within residential districts, the Department of Environmental Management (DEM) provides the following response:

- 1. Please indicate the section of the Maui County Code that mandates the installation of a sewer manhole after the construction of a fourth unit on a lot.***

This requirement is not included within the Maui County Code. It is contained in Department Policies and Procedures Document 2020-03. This document necessitates the manhole installation once the flow from the residential lot exceeds 1,500 gallons per day (gpd).

The exact wording is "2.7 A property sewer service manhole shall not be required for single family dwelling units, provided the total estimated flow is no more than 1,500 gallons per day on the line that connects to a single sewer lateral connection to the County system."

Single family homes have an average flow of 350 gpd, therefore four (4) homes would have a flow of 1,400 gpd. Any additional units would exceed the 1,500 gpd and require the manhole installation.

**2. *Would this requirement be triggered if there are two duplexes (two structures containing four units) on a single lot? Please explain.***

No, it would not. The four (4) residential units would produce an estimated 1,400 gpd thus would not surpass the 1,500 gpd threshold.

Thank you for the opportunity to provide you with information on this matter. Should you have any questions or concerns, please feel free to transmit them to the Department of Environmental Management via transmittal through the Office of the Mayor.

Sincerely,



Digitally signed by Shayne R. Agawa, P.E.  
DN: cn=Shayne R. Agawa, P.E., o=County  
of Maui, ou=Director of Environmental  
Management,  
email=shayne.agawa@co.maui.hi.us, c=US  
Date: 2025.04.01 10:53:18 -10'00'

SHAYNE R. AGAWA, P.E.  
Director of Environmental Management

cc: Wastewater Reclamation Division

## DRIP Committee

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**From:** Michelle L. Santos <Michelle.Santos@co.maui.hi.us>  
**Sent:** Tuesday, April 1, 2025 3:15 PM  
**To:** DRIP Committee  
**Cc:** Cynthia E. Sasada; Erin A. Wade; Josiah K. Nishita; Kelii P. Nahooikaika; Nadine C. Orikasa; Robert V. Schmidt; Shayne R. Agawa  
**Subject:** MT#11031 Bill 103 Response to the March 24 Letter  
**Attachments:** MT#11031-DRIP Committee.pdf