

Jennifer Y. Karaca

From: Pruder, Sina L <sina.pruder@doh.hawaii.gov>
Sent: Tuesday, July 02, 2019 6:39 AM
To: Jennifer Y. Karaca
Cc: Keani N. Rawlins; Trinette K. Furtado; Sarah D. Pajimola; Tomomitsu, Mark S; Tejano, Roland C.
Subject: RE: Questions regarding HRS, HAR and wastewater

Hi Jennifer,

Responses are provided in green highlight below.

Thanks,

Sina Pruder, PE, Chief
Department of Health, Wastewater Branch
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RECEIVED AT 44 MEETING ON 7/3/19
Councilmember Rawlins-Fernandez

From: Jennifer Y. Karaca <Jennifer.Karaca@mauicounty.us>
Sent: Monday, July 1, 2019 4:16 PM
To: Pruder, Sina L <sina.pruder@doh.hawaii.gov>
Cc: Keani N. Rawlins <Keani.Rawlins@mauicounty.us>; Trinette K. Furtado <Trinette.Furtado@mauicounty.us>; Sarah D. Pajimola <sarah.pajimola@mauicounty.us>
Subject: Questions regarding HRS, HAR and wastewater

Aloha Sina,

Thank you for returning my call. We have a few questions that we need some clarification on before our meeting on July 3rd. The questions are as follows:

1. How does the DOH define "temporary," under §11-62-31.1? Is there a time limit or timeframe where these individual systems need to be phased out? This section states: §11-62-31.1 General requirements for individual wastewater systems. (a) Individual wastewater systems may be used as a temporary on-site means of wastewater disposal in lieu of wastewater treatment works under the following conditions.

Individual wastewater systems and wastewater treatment works are both considered "temporary" on-site means of wastewater disposal until a County regional sewer system is available for connection.

2. How does the DOH define total development area? If there are multiple projects to be scheduled at the same time, in the same area and list each other in their cumulative impacts report, would the number of dwellings for the 2 two projects need to be combined to account for the total development of an area or would they be looked at separately? HAR 11-62-31.1 (1)(b) states that, "total development of an area shall not exceed fifty single family residential lots or exceed fifty dwelling units except for developments consisting of one dwelling unit per acre or greater. We can clearly see that from the cumulative effects section of the application that the total development area is exceeding fifty dwellings. The two combined projects in the development of this area will total 162 dwellings (Polanui 66 units, Makila Rural East 96 units). There are also various other projects listed

in their applications that will be developed in this same area soon, should these projects be considered in the total development of the area as well? Yes, all of the projects in the master plan for the development of this area would be considered in the total development of the area and wastewater treatment work(s) would be required for all projects in this development, excluding projects consisting of one dwelling unit per acre or greater.

- Roland from DOH's Maui office said that the total development of an area is determined by lots.
- CoM Corp Counsel said that could not interpret and is deferring to state.

3. Does HRS 343-5(9)(a) allow developers to break up the number of dwellings depending on acreage or is it referring to total? This is referring to total. It states that environmental assessment shall be required for actions that propose any: Wastewater treatment unit, except an individual wastewater system or a wastewater treatment unit serving fewer than fifty single family dwelling units or the equivalent.

4. If a project and the proposed housing lots are on sloping land, is there a need to provide more that 10,000 square feet for individual wastewater system? If so, can you provide that breakdown of how much land would need to be provided? An engineer needs to be retained to determine how much land should be provided to install an individual wastewater system that that has a leach field. Site evaluation and soil percolation testing would determine the size of the lot that is needed.

Thank you in advance for your time and energy in answering these questions on such a short notice. Please feel free to call or contact me with any question or need for clarification.

Mahalo,

Jennifer Y. Karaca
Legislative Analyst
Councilmember Keani Rawlins-Fernandez
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