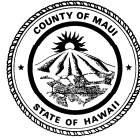


Council Chair
Alice L. Lee

Vice-Chair
Yuki Lei K. Sugimura

Presiding Officer Pro Tempore
Tasha Kama

Councilmembers
Tom Cook
Gabe Johnson
Tamara Paltin
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Director of Council Services
David M. Raatz, Jr., Esq.

Deputy Director of Council Services
Richelle K. Kawasaki, Esq.

COUNTY COUNCIL
COUNTY OF MAUI
200 S. HIGH STREET
WAILUKU, MAUI, HAWAII 96793
www.MauiCounty.us

April 10, 2025

Mr. John Stufflebean, Director
Department of Water Supply
County of Maui
Wailuku, Hawaii 96793

Dear Mr. Stufflebean:

SUBJECT: **FISCAL YEAR 2026 BUDGET** (BFED-1) (WS-05)

At its meeting of April 10, 2025, the Council's Budget, Finance, and Economic Development Committee discussed water usage and recovery efforts in Lahaina.

May I please request your response to the following:

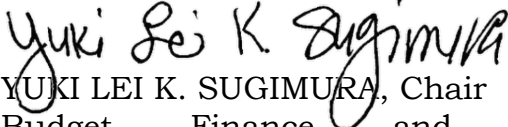
1. How does the Department measure the impact of private pools on water use? Do fixture count estimates for single-family and multifamily housing consider private swimming pools, including the volume of the pool, hot tub, or jacuzzi? (TP)
 - a. If we permit private swimming pools in a designated Ground and Surface Water Management Area, are we constraining future affordable housing in West Maui? Please explain. (TP)
2. Does the Department support authorizing the County Board of Water Supply to regulate water resources in the Lahaina Aquifer Sector Area, under Section 174C-48(b), Hawai'i Revised Statutes, to prioritize affordable housing uses over swimming pool uses? (TP)

May I further request that you transmit your response to bfed.committee@mauicounty.us by **April 17, 2025**. To ensure efficient processing, please include BFED-1 in the subject line.

Mr. John Stufflebean
April 10, 2025
Page 2

Thank you for your attention to this request. Should you have any questions, please contact me or the Committee staff (Kirsten Szabo at ext. 7662, James Krueger at ext. 7761, Jarret Pascual at ext. 7141, Clarissa MacDonald at ext. 7135, or Pauline Martins at ext. 8039).

Sincerely,


YUKI LEI K. SUGIMURA, Chair
Budget, Finance, and Economic
Development Committee

bfed:2026bgt:250410aws01:jpp

cc: Mayor Richard T. Bissen, Jr.
Budget Director
Office of Recovery Administrator
Deputy Director of Water Supply

BFED Committee

From: BFED Committee
Sent: Thursday, April 10, 2025 6:54 PM
To: John Stufflebean
Cc: BFED Committee; 'Michelle Santos'; 'Zeke Kalua'; Lesley Milner;
kristina.cabbat@co.maui.hi.us; tiare.p.horner@co.maui.hi.us; Janina E. Agapay;
John.Smith@co.maui.hi.us; Lynette.Kaona@co.maui.hi.us; james.landgraf@co.maui.hi.us;
'Linda Kimura'
Subject: FISCAL YEAR 2026 BUDGET (BFED-1) (WS-05); reply by 4/17/25
Attachments: (WS-5) Correspondence to Water Supply 04-10-2025.pdf

RICHARD T. BISSEN, JR.
Mayor

JOSIAH K. NISHITA
Managing Director

JOHN STUFFLEBEAN, P.E.
Director

JAMES A. LANDGRAF
Deputy Director



DEPARTMENT OF WATER SUPPLY
COUNTY OF MAUI
200 SOUTH HIGH STREET
WAILUKU, MAUI, HAWAII 96793
<http://www.mauicounty.gov/water>

April 15, 2025

Ms. Lesley J. Milner
Budget Director, County of Maui
200 South High Street
Wailuku, Hawaii 96793

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

APPROVED FOR TRANSMITTAL

Richard T. Bissen Jr.
Mayor Date 7/16/25

For Transmittal to:

Honorable Yuki Lei K. Sugimura, Chair
Budget, Finance, and Economic Development Committee
Maui County Council
200 South High Street
Wailuku, Hawaii 96793

Dear Chair Sugimura:

SUBJECT: FISCAL YEAR 2026 BUDGET (BFED-1) (WS-05)

In response to your letter dated April 10, 2025, Department of Water Supply provides the following:

1. How does the Department measure the impact of private pools on water use? Do fixture count estimates for single-family and multifamily housing consider private swimming pools, including the volume of the pool, hot tub, or jacuzzi? (TP)

Response:

The DWS believes it is the purview of the Planning Department and the County Council to determine whether pools are permitted.

Pools impact fixture counts when they are fitted with a dedicated feed line. Applicants will stipulate the estimated flow rate of the dedicated feed line and that rate is then added to the overall estimated flow rate for the service to the property. When a pool is not fitted with a dedicated feed line, the pool is assumed to be filled from a rear yard hose bib that is already included in the water meter sizing worksheet.

It should be noted that there is a lot of misinformation about the use of water in pools. The annual use of water by a pool is the evaporation minus the rainfall times the surface area of the pool. In Napili, with annual rainfall of 40 inches and evaporation of 80 inches, for an average pool (15 feet by 30 feet) this would be 750 cubic feet which equates to 5,610 gallons per year or 15.4 gallons per day (compared to the average household use of 500 gallons per day). A larger pool in an area with a different rainfall to evaporation ratio would be different. A typical lawn uses about twice this amount per square foot.

- a. If we permit private swimming pools in a designated Ground and Surface Water Management Area, are we constraining future affordable housing in West Maui? Please explain. (TP)

Response:

The water used by about 32 average pools in Napili is equal to the water used in a typical single-family dwelling. Accordingly, the permitting of individual pools has a proportionately minor impact on the amount of water available for affordable housing.

2. Does the Department support authorizing the County Board of Water Supply to regulate water resources in the Lahaina Aquifer Sector Area, under Section 174C-48(b), Hawai'i Revised Statutes, to prioritize affordable housing uses over swimming pool uses? (TP)

Response:

The statute reads as follows:

Honorable Yuki Lei K. Sugimura, Chair
Budget, Finance, and Economic Development Committee
Maui County Council
April 15, 2025
Page 3

"In its regulation of water resources in designated water management areas, the commission shall delegate to the county boards of water supply the authority to allocate the use of water for municipal purposes, subject to the limits of water supply allocated to the county boards of water supply in their role as water purveyors. [L 1987, c 45, pt of §2]"


This statute, when adopted, applied to the four County Water Boards. In 2002 the "water purveyor" in Maui County was changed from the Board of Water Supply to the County (Department of Water Supply). Therefore, this provision now applies to the DWS, not the Board of Water Supply.

Therefore, the County (DWS) already has the authority to allocate the use of water for municipal purposes. The DWS does not support providing authority under 174C-48(b) to the Board rather than DWS because the Board is not the water purveyor, and does not have the staff or expertise needed to plan and allocate water resources.

In addition, DWS does support giving priority to affordable housing. Title 16, Chapter 201 administrative rules restrict the volume of water that can be provided from the DWS West Maui water system for a development project. Development of residential workforce housing units by a qualified housing provider pursuant to chapter 2.96, Maui County Code, are exempt from these restrictions, provided sufficient supply is available to fulfill the development's projected demand.

Thank you for the opportunity to provide information relating to this agenda item. If you have additional questions, please free to contact me.

Sincerely,



JOHN STUFFLEBEAN, P.E.
Director

JS:lk

BFED Committee

From: Janina E. Agapay <Janina.E.Agapay@co.maui.hi.us>
Sent: Wednesday, April 16, 2025 4:25 PM
To: BFED Committee
Cc: Lesley J. Milner; John Stufflebean; James A. Landgraf; Linda K. Kimura
Subject: (BFED-1)(WS-05)
Attachments: (BFED-1)(WS-05).pdf

Hello,

Please see attached correspondence (BFED-1)(WS-05).

Thank you,

Janina Agapay

County of Maui | Budget Office

Phone: (808) 270-7836

Email: Janina.E.Agapay@co.maui.hi.us