

**BOARD OF WATER SUPPLY
KA 'OIHANA WAI
CITY AND COUNTY OF HONOLULU**

630 SOUTH BERETANIA STREET • HONOLULU, HAWAII 96843
Phone: (808) 748-5000 • www.boardofwatersupply.com

RICK BLANGIARDI
MAYOR
MEIA

ERNEST Y. W. LAU, P.E.
MANAGER AND CHIEF ENGINEER
MANAKIA A ME KAHU WILIKI

ERWIN KAWATA
DEPUTY MANAGER
HOPE MANAKIA



NĀ'ĀLEHU ANTHONY, Chair
JONATHAN KANESHIRO, Vice Chair
LANCE WILHELM
JEFFREY LAUPOLA
EDWIN H. SNIFFEN, Ex-Officio
GENE C. ALBANO, P.E., Ex-Officio

December 9, 2025

NOTICE

The Board of Water Supply, City and County of Honolulu, Regular Meeting will be held on Monday, December 15, 2025, at 2:00 p.m. in the Boardroom, Public Service Building, 630 South Beretania Street, Honolulu, HI 96843.

Limited seating will be available for in-person testifiers in the Boardroom. The public may also view the livestream of the meeting from the lobby of the Board of Water Supply, Public Service Building, 630 South Beretania Street, Honolulu, HI 96843.

Public parking for this meeting is available in the Public Service Building customer parking lot.

TESTIMONY

Testimony may be submitted as follows:

- Written testimony should include the submitter's address, email address, and phone number. Testimony should be received by Monday, December 15, 2025, at noon. Submit written testimony by:
 - Email to board@hbws.org
 - Online at boardofwatersupply.com/testimony
 - Mail to Board of Water Supply, 630 South Beretania Street, Honolulu, HI 96843
 - Fax to (808) 748-5079
- Oral testimony will be accepted remotely and in person during the meeting. Pre-registration is encouraged to facilitate as much remote and in-person testimony as reasonably possible during the time allotted. Testifiers should also consider submitting a written version of their oral testimony.
 - To testify remotely by phone or video using the Zoom videoconferencing platform, please submit your request by:
 - Email to board@hbws.org
 - Online at boardofwatersupply.com/testimonyZoom registration instructions, as well as participant guidelines, will be sent to the contact information provided. Once confirmed as registered, testifiers will receive an email containing the links and instructions to join the Zoom session. Submit your request to testify remotely by Friday, December 12, 2025, at noon.
 - To testify in person at the Board of Water Supply, Public Service Building, 630 South Beretania Street, Honolulu, HI 96843, please pre-register by submitting your request by Monday, December 15, 2025:
 - Email to board@hbws.org
 - Online at boardofwatersupply.com/testimony

In-person testifiers should check in with building security and then with testimony staff located in the lobby. Testifiers will be escorted to and from the Board Room. On-site registration will be available for walk-in requests.

Testimony is limited to two (2) minutes and shall be presented by the registered speaker only. Testimony submitted in writing or orally, electronically or in person, for use in the meeting process is public information. All testimony will be included as part of the approved meeting minutes at boardofwatersupply.com/boardmeetings.

MATERIALS AVAILABLE FOR INSPECTION

Meeting materials ("board packet" under HRS §92-7.5) are accessible at www.boardofwatersupply.com/boardmeetings.

VIEWING THE MEETING

The meeting will be viewable via live streaming on the BWS website: www.boardofwatersupply.com/live. Video will appear on screen. You may have to click the arrow on video to start it. You may have to unmute audio, as muted audio tends to be the default setting.

SPECIAL REQUESTS AND ACCOMMODATIONS

If you require special assistance, an auxiliary aid or service, and/or an accommodation due to a disability to participate in this meeting (i.e., sign language interpreter, interpreter for language other than English, or wheelchair accessibility), please call Joy at (808) 748-5172 or email your request to board@hbws.org **at least three business days prior to the meeting date**. If a response is received after the requested three business days before the meeting date deadline, we will try to obtain the auxiliary aid/service or accommodation, but we cannot guarantee that the request will be filled.

Upon request, this notice is available in alternate formats such as large print, Braille, or electronic copy.

The agenda for December 15, 2025, Regular Meeting of the Board of Water Supply is as follows:

ITEMS REQUIRING BOARD ACTION

1. Approval of the Minutes of the Regular Meeting Held on October 27, 2025
2. Adoption of Resolution 1006,2025, Providing for the Acquisition of Lot 3164 by Eminent Domain, Situate at Honouliuli, 'Ewa, O'ahu, Hawai'i (Tax Map Key 9-1-031:008)
3. Adoption of Resolution 1007, 2025, Resolution of Appreciation for Former Board Member Bryan P. Andaya

ITEMS FOR INFORMATION

1. Update on the Board of Water Supply's Response to the Potential Impacts of the Red Hill Fuel Contamination
2. Financial Update for the Quarter Ended September 30, 2025
3. Recruitment Status
4. Schedule of Monthly Board Meetings for Calendar Year 2026
5. Status Update of Groundwater Levels at All Index Stations
6. Water Main Repair Report for October and November 2025

If the need arises with respect to any item on this agenda, Hawai'i Revised Statutes Sections 92-5(a)(4), the Board may consult with its attorneys in executive session on questions and issues pertaining to the Board's powers, duties, privileges, immunities and/or liabilities relating to that item.

EXECUTIVE SESSION

The Board anticipates convening into Executive Session Pursuant to Hawai'i Revised Statutes Section 92-4 and 92-5 (a)(4) to Consult in a Closed Meeting with the Board's Attorney on Questions and Issues Pertaining to Claims and Other Matters on the Board's Powers, Duties, Privileges, Immunities, and/or Liabilities.

1. Approval of the Minutes of the Executive Session Held on October 27, 2025

MINUTES

To watch the recording of this meeting, please click on the following link:
<https://vimeo.com/bwshonolulu/dec-15-2025>. Closed captioning is available.

THE REGULAR MEETING OF THE BOARD OF WATER SUPPLY

December 15, 2025

At 2:00 PM on December 15, 2025, in the Public Service Building Board Room at 630 South Beretania Street, Honolulu, Hawai'i, Chair Nā'ālehu Anthony called to order the Regular Meeting.

Present: Nā'ālehu Anthony, Chair
Jonathan Kaneshiro, Vice Chair
Lance Wilhelm, Board Member via Zoom
Jeffrey Laupola, Board Member
Gene Albano, Ex-Officio via Zoom

Also Present: Ernest Lau, Manager and Chief Engineer
Erwin Kawata, Deputy Manager
Jennifer, Elflein Program Administrator,
Customer Care via Vimeo
Kathleen Elliott-Pahinui, Information Officer,
Communications Office
Megan Marumatsu, Acting Executive Assistant I,
Executive Support Office
Daniel Lee, Acting Assistant Program Administrator,
Field Operations Division
Jennifer Faler, Program Administrator,
Capital Projects Division
Kaliko Lum Kee, Assistant Waterworks Controller,
Finance Division
Michele Thomas, Executive Assistant I,
Human Resources Office
Kenrick Wong, Data Processing Systems Analyst V,
Information Technology Division
Michael Matsuo, Land Administrator, Land Division
Kirk Iwamoto, Water Quality Laboratory Director,
Water Quality Division
Barry Usagawa, Program Administrator,
Water Resources Division
Jennifer Faler Program Administrator,
Water System Operations Division
Kimberly Kuwaye, Manager's Secretary
Joy Cruz-Achui, Board Secretary
Stella Bernardo, Information Specialist II,
Communications Office via Zoom

Michele Harman, Community Relations Specialist I,
Communications Office via Zoom
Wayne Maria, Information Specialist II,
Communications Office

Others Present: Jessica Wong, Deputy Corporation Counsel
via Zoom
Jeff Lau, Deputy Corporation Counsel

Absent: Edwin Sniffen, Ex-Officio

Chair Nā'ālehu Anthony opened the Board meeting with an 'olelo no'eau:

Aloha mai kākou e nā hoa makamaka mai ka lā hiki a ka lā kau. Welina nui me ke aloha!

Mahalo nui no kēia 'ākoakoa 'ana o kākou no ka pono o ka lāhui, no ka pono o ka 'āina, a no ka pono o ka wai nō ho'i. Eia he mana'o mai ka wahine e kakau ka puke 'ōlelo no'eau.

Chair Anthony translated the 'olelo no'eau: Aloha from the rising to the setting sun
Thank you all for coming together today for the people, the land and the water. Here is a thought by the person who wrote the 'Olelo No'eau, Hawaiian Proverb book.

'Ōlelo: Ka ua po'o nui o ke kuahiwi.

Chair Anthony translated 'ōlelo: The big-headed rain of the mountain. The 'Awa rain, which falls in fine, icy cold drops that make one's head appear white.

Chair Anthony welcomed everyone to the December 15, 2025, Regular Meeting of the Board of Water Supply (BWS). He stated that the Board of Water Supply is dedicated to providing safe, dependable, and affordable supply of water now and into the future.

Before continuing the meeting, Chair Anthony stated that a recording would play to share reminders for public participation and virtual meeting regulations required by law.

The recording played: Goals for this meeting under Hawai'i Revised Statutes, Section 92-7.5 are accessible at www.boardofwatersupply.com/boardmeeting. The public may attend this meeting in person at the Public Service building located at 630 South Beretania Street. The public may also view a live stream of today's meeting on our website at www.boardofwatersupply.com/live. We have been accepting written or oral testimony for today's meeting. Instructions and an online submittal form are available at boardofwatersupply.com/testimony. The deadline to submit advance written testimony has passed. Testimony received by noon today has been distributed to the board members. We will continue to accept written testimony today through our online form. Oral testimony in person or remotely will be accepted during today's meeting. To facilitate as much in-person and remote testimony as reasonably possible during the time allotted, preregistration and submittal of a written version of testimony at boardofwatersupply.com/testimony is strongly encouraged. To testify in person, please register using our online form or come to the public service building at 630 South Beretania Street. We have a representative in the lobby to provide intake and further instructions. To request to testify remotely, please complete the online form at boardofwatersupply.com/testimony. Requestors will receive an email containing links and instructions on how to join the Zoom session. Testifiers will have two minutes to state their position. A timekeeper will alert testifiers when there is one minute remaining. Once the two minutes are up, please summarize to allow time for questions from the Board. Then, make room for the next testifier. Board members attending any board meeting remotely must be visible to the public to be considered, present, and meet quorum guidelines. Board members participating remotely must also disclose their location and anyone present at their location during roll call. Meeting participants who are calling or video conferencing in, please mute your microphone when you're not speaking. If you have a question, comment, or wish to enter or second a motion on an action item, please unmute your microphone and identify yourself before continuing to speak. If you encounter technical issues during today's meeting, please use the Zoom chat to send a direct message to our support team.

Their names are listed in the message to all participants. To open the chat window, please click the text Bubble icon on the Zoom Toolbar.

Chair Anthony requested a roll call for the Regular Meeting. He asked those participating remotely to give the appropriate disclosures upon responding.

Joining via Zoom: Board Member Lance Wilhelm responded "e'o" and disclosed that he was also alone at his location; Board Member Gene Albano responded "aye" and disclosed that he was alone at his location. In the Board room: Vice Chair Jonathan Kaneshiro, aye; and Board Member Jeffrey Laupola responded "aye". Chair Nā'ālehu Anthony was in the Board room, and Board Member Edwin Sniffen was absent.

Chair Anthony introduced those in the Boardroom: Manager Ernest Lau, Deputy Manager Erwin Kawata, Board Secretary Joy L. Cruz-Achui, Manager Secretary Kimberly Kuwaye, Information Specialist II Wayne Maria, and Deputy Jeff Lau from the City and County Corporation Counsel. Also, from City and County Corporation Counsel Deputy Jessica Wong joined via Zoom

Chair Anthony announced that there would be no Executive Session due to pending notes.

REGULAR MEETING

**APPROVAL OF
MINUTES**

Approval of the Minutes of the Regular Meeting Held October 27, 2025.

**MOTION
TO APPROVE**

Jonathan Kaneshiro and Gene Albano motioned and seconded, respectively, to approve the Minutes of the Regular Meeting Held on October 27, 2025

Ms. Cruz-Achui conducted a roll call: Vice Chair Jonathan Kaneshiro, aye; Board Member Lance Wilhelm, aye; Board Member Jeffrey Laupola, abstain; Board Member Gene Albano, aye; and Chair Nā'ālehu Anthony, aye. Ms. Cruz-Achui announced that the motion passed with four ayes and one abstention. Board Member Edwin Sniffen was absent.

THE MINUTES OF THE REGULAR MEETING HELD ON OCTOBER 27, 2025, WERE APPROVED AT THE DECEMBER 15, 2025, BOARD MEETING			
	AYE	NO	COMMENT
NĀ'ĀLEHU ANTHONY	X		
JONATHAN KANESHIRO	X		
LANCE WILHELM	X		
JEFFREY LAUPOLA			ABSTAIN
EDWIN H. SNIFFEN			ABSENT
GENE C. ALBANO	X		

“December 15th, 2025

ADOPTION OF
RESOLUTION
NO. 1006, 2025,
PROVIDING FOR
THE ACQUISITION
OF LOT 3164
BY EMINENT
DOMAIN,
SITUATE AT
HONOULIULI,
‘EWA, O’AHU,
HAWAII (TAX
MAP KEY
9-1-031:008)

Chair and Members
Board of Water Supply
City and County of Honolulu
Honolulu, Hawai‘i 96843

Chair and Members:

Subject: Adoption of Resolution No. 1006, 2025, Providing for the Acquisition of Lot 3164 by Eminent Domain, Situate at Honouliuli, ‘Ewa, O’ahu, Hawai‘i (Tax Map Key 9-1-031:008)

We recommend the adoption of Resolution No. 1006, 2025, authorizing the initiation of proceedings in eminent domain for the acquisition of Lot 3164.

Lot 3164 is owned by Hawaii MMGD LLC, a Maryland limited liability company, and is commonly referred to as Ōla‘i Street, a partially paved and unpaved road. Lot 3164 will provide access to and support the development of a seawater desalination facility that is resilient to climate change, environmentally sustainable, and consistent with the ‘Ewa Development Plan’s directed-growth policies.

This resolution was introduced at the October 27, 2025, meeting and was subsequently published in the *Honolulu Star Advertiser* on November 17, 2025, as required by law.

Respectfully Submitted,

/s/ ERNEST Y. W. LAU, P.E
Manager and Chief Engineer

Attachment”

DISCUSSION: Michael Matsuo, Land Administrator, Land Division, gave the report.

Vice Chair Jonathan Kaneshiro asked if the BWS sent an offer.

Mr. Michael Matsuo replied that the BWS sent an offer letter to the Hawai‘i MMGD attorneys in mid-October.

Vice Chair Kaneshiro inquired whether there had been any change in the fair market value offered.

Mr. Matsuo replied that there was no change in the market value. The market value remained the same since the BWS had the appraisal done. The owner is currently conducting their own appraisal by Leshar Chee

Stadlbauer, Inc., and the results should be available at the end of the month.

Chair Anthony asked whether the eminent domain process can be interrupted if the owner makes a counteroffer.

Mr. Matsuo replied that he believes the process can be interrupted, but deferred to Corporation Counsel.

Mr. Jeff Lau from Corporation Counsel confirmed that the process can be interrupted at any time before the hearing.

Board Member Jeffrey Laupola shared that he was able to view the October Board meeting and noticed that the Board went into executive session. As a new Board member, he asked whether there was any information he should be tracking.

Manager Lau stated that the BWS would not be able to discuss any information discussed in executive session.

Chair Anthony responded that he doesn't recall any substantial information. He shared that the BWS and the Hawaii MMGD have been in conversation for some time, and that the BWS was hoping to find a point at which all parties could agree to the conveyance due to time constraints with federal funding, and to allow the contractors to get onto the site.

Mr. Matsuo shared that when the BWS acquired the Kalaeloa parcel, it came with an access easement that the BWS could use despite it having been granted to the Navy by the Campbell Estate. He explained that the easement is over the entire length and width of Lot 3164.

Manager Lau added that the BWS was also granted an easement by Campbell Estate over Lot 3164 because Campbell Estate sold other properties in the area, it reserved the right to grant utility, drainage, and access easements. Therefore, the BWS could install waterlines and an electrical line, but would not be able to make any improvements to Ola'i Street.

Chair Anthony inquired if the BWS is moving forward with the acquisition by eminent domain due to constraints.

Mr. Matsuo replied that the owner is amenable to conveying Lot 3164 to the BWS. However, they will have their own appraisal conducted and conduct their own due diligence to determine the impact of selling Lot 3164 would have on their other properties.

Manager Lau shared that in previous discussions with the owner's attorney, they requested certain conditions and requirements that the BWS objected to. He stated that, with the Board's approval, moving forward with the acquisition of Lot 3164 by eminent domain will provide the BWS an alternative. However, if both parties can reach an amenable

compromise, the BWS will be satisfied, and the interests of our ratepayers will be protected; the BWS could then forego the eminent domain process.

**MOTION
TO APPROVE**

Jonathan Kaneshiro and Lance Wilhelm motioned and seconded, respectively, to Adopt Resolution No. 1006, 2025, Providing for the Acquisition of Lot 3164 by Eminent Domain, Situate at Honouliuli, ‘Ewa, O’ahu, Hawai‘i, Tax Map Key (1) 9-1-031:008.

Ms. Cruz-Achui conducted a roll call: Vice Chair Jonathan Kaneshiro, aye; Board Member Lance Wilhelm, aye; Board Member Jeffrey Laupola, aye; Board Member Gene Albano, aye; and Chair Nā‘ālehu Anthony, aye. Ms. Cruz-Achui announced that the motion passed with five ayes. Board Member Edwin Sniffen was absent.

ADOPTION OF RESOLUTION NO. 1006, 2025, PROVIDING FOR THE ACQUISITION OF LOT 3164 BY EMINENT DOMAIN, SITUATE AT HONOULIULI, 'EWA, 'OAHU, HAWAI'I, TAX MAP KEY (1) 9-1-031:008 WAS ADOPTED AT THE DECEMBER 15, 2025, BOARD MEETING			
	AYE	NO	COMMENT
NĀ'ĀLEHU ANTHONY	X		
JONATHAN KANESHIRO	X		
LANCE WILHELM	X		
JEFFREY LAUPOLA	X		
EDWIN H. SNIFFEN			ABSENT
GENE C. ALBANO	X		

BOARD OF WATER SUPPLY
CITY AND COUNTY OF HONOLULU

RESOLUTION NO. 1006, 2025

PROVIDING FOR THE ACQUISITION OF LOT 3164 BY EMINENT DOMAIN,
SITUATE AT HONOULIULI, 'EWA, HONOLULU, O'AHU, HAWAI'I
(TAX MAP KEY: 9-1-031:008)

BE IT RESOLVED by the Board of Water Supply, City and County of Honolulu:

I.

That for public use and purposes, to-wit, to provide access to, and support the development, operation and maintenance of, a seawater desalination facility that is resilient to climate change, environmentally sustainable, and consistent with the 'Ewa Development Plan's directed growth policies, proceedings in eminent domain as provided by the law be instituted for the acquisition of the subject real property described in the attached Exhibit "A" and shown on Exhibit "B," which by this reference are incorporated herein and made a part hereof.

The acquisition of the foregoing real property by eminent domain is deemed necessary for the aforesaid public use and purposes.

II.

That the Corporation Counsel of the City and County of Honolulu, or such litigation counsel as the Board of Water Supply may employ pursuant to Section 7-116 of the Revised Charter of the City and County of Honolulu 1973 (Amended 2017 Edition), shall be and is hereby authorized and empowered to institute and carry out said proceedings in the name and on behalf of the Board of Water Supply and the City and County of Honolulu. The Corporation Counsel or such litigation counsel shall be and is hereby further authorized and empowered to

negotiate terms of any settlement, subject to the approval of the Board of Water Supply and/or the court before which such proceedings are commenced.

INTRODUCED BY:



NĀ'ĀLEHU ANTHONY
Chair

Date of Introduction: October 27, 2025
Honolulu, Hawai'i

INTRODUCTION OF RESOLUTION NO. 1006, 2025, PROVIDING FOR THE ACQUISITION OF LOT 3164 BY EMINENT DOMAIN, SITUATE AT HONOULIULI, 'EWA, O'AHU, HAWAI'I, TAX MAP KEY 9-1-031:008, AT THE OCTOBER 27, 2025, BOARD MEETING			
	AYE	NO	COMMENT
NĀ'ĀLEHU ANTHONY	X		
JONATHAN KANESHIRO	X		
BRYAN P. ANDAYA	X		
LANCE WILHELM	X		
EDWIN H. SNIFFEN			ABSENT
GENE C. ALBANO	X		

Copies of the foregoing Resolution No. 1006, 2025, are on file at the Office of the Manager and Chief Engineer, Board of Water Supply, 630 South Beretania Street, for use and examination by the public.

ADOPTED:



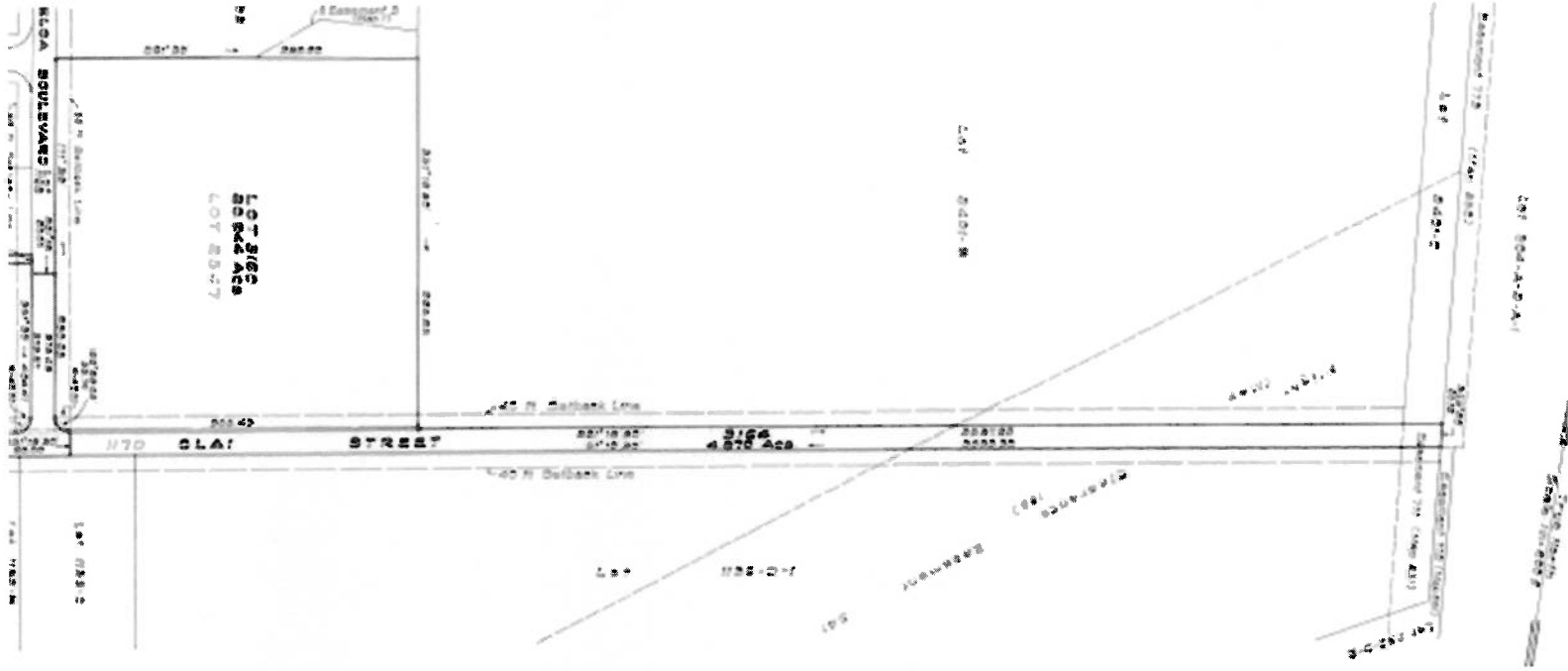
NĀ'ĀLEHU ANTHONY
Chair

Honolulu, Hawai'i
December 15, 2025

ADOPTION OF RESOLUTION NO. 1006, 2025, PROVIDING FOR THE ACQUISITION OF LOT 3164 BY EMINENT DOMAIN, SITUATE AT HONOULIULI, 'EWA, 'OAHU, HAWAI'I, TAX MAP KEY (1) 9-1-031:008 WAS ADOPTED AT THE DECEMBER 15, 2025, BOARD MEETING			
	AYE	NO	COMMENT
NĀ'ĀLEHU ANTHONY	X		
JONATHAN KANESHIRO	X		
LANCE WILHELM	X		
JEFFREY LAUPOLA	X		
EDWIN H. SNIFFEN			ABSENT
GENE C. ALBANO	X		

Lot 3164, area of 4.870 acres, more or less, situate at Honouliuli, 'Ewa, O'ahu, Hawai'i, as shown on Map 325, filed in the Office of the Assistant Registrar of the Land Court of the State of Hawai'i, with Land Court Application 1069 of the Trustees Under the Will and of the Estate of James Campbell, Deceased, and being the land described in Certificate of Title No. 753,673 issued to Hawaii MMGD LLC, a Maryland limited liability company.

EXHIBIT "B"



HAWAII'S


Legal Notices

Legal Notices

Legal Notices

**BOARD OF WATER SUPPLY
 CITY AND COUNTY OF HONOLULU
 RESOLUTION NO. 1006, 2025**

**PROVIDING FOR THE ACQUISITION OF LOT 3164 BY EMINENT DOMAIN
 SITUATE AT HONOLULU, 'EWA, O'AHU, HAWAII
 TAX MAP KEY: 9-1-031:008**

BE IT RESOLVED by the Board of Water Supply, City and County of Honolulu:

I.
 That for public use and purposes, to-wit, provide access to, and support the development, operation and maintenance of, a seawater desalination facility that is resilient to climate change, environmentally sustainable, and consistent with the 'Ewa Development Plan's directed growth policies, proceedings in eminent domain as provided by the law be instituted for the acquisition of the subject real property described in the attached Exhibit "A" and shown on Exhibit "B," which by this reference are incorporated herein and made a part hereof.

The acquisition of the foregoing real property by eminent domain is deemed necessary for the aforesaid public use and purposes.

II.
 That the Corporation Counsel of the City and County of Honolulu, or such litigation counsel as the Board of Water Supply may employ pursuant to Section 7-116 of the Revised Charter of the City and County of Honolulu 1973 (Amended 2017 Edition), shall be and is hereby authorized and empowered to institute and carry out said proceedings in the name and on behalf of the Board of Water Supply and the City and County of Honolulu. The Corporation Counsel or such litigation counsel shall be and is hereby further authorized and empowered to negotiate terms of any settlement, subject to the approval of the Board of Water Supply and/or the court before which such proceedings are commenced.

INTRODUCED BY:

NA'ALEHU ANTHONY

Chair

Date of Introduction: October 27, 2025

Honolulu, Hawaii

YES: Na'alehu Anthony, Jonathan Kaneshiro, Bryan P. Andaya, Lance Wilhelm and Gene C. Albano

NO: None

ABSENT: Edwin H. Sniffen

Copies of the foregoing Resolution No. 1006, 2025, are on file at the Office of the Manager and Chief Engineer, Board of Water Supply, 630 South Beretania Street, for use and examination by the public.

EXHIBIT "A"

Lot 3164, area of 4.870 acres, more or less, situate at Honolulu, 'Ewa, O'ahu, Hawaii, as shown on Map 325, filed in the Office of the Assistant Registrar of the Land Court of the State of Hawaii, with Land Court Application 1069 of the Trustees Under the Will and of the Estate of James Campbell, Deceased, and being the land described in Certificate of Title No. 753,673 issued to Hawaii MMGD LLC, a Maryland limited liability company.

EXHIBIT "B"

The map of Lot 3164 may be viewed in the copy of the foregoing Resolution 1006, 2025 that is available at the Office of the Manager and Chief Engineer, Board of Water Supply.

Notices to Bidders

Notices to Bidders

Notices to Bidders

NOTICE TO BIDDERS

INVITATION FOR BID

**MOBILE FOOD CONCESSION CONTRACT
 AT HAPUNA BEACH STATE RECREATION AREA**

IFB NO. SPH26-0103A TMR: (3)6-6-002-035 Portion (Parking Lot Location "A")

The State of Hawaii, Board of Land and Natural Resources, is issuing an Invitation for Bid (IFB) to qualified parties interested in a Mobile Food Concession of state-owned lands within the Hapuna Beach State Recreation Area situated on the island of Hawaii, pursuant to Chapter 102, Hawaii Revised Statutes (HRS).

Before any prospective bidder shall be entitled to submit a bid, the prospective bidder must meet the minimum qualifications set forth in the IFB and shall submit a completed Qualification Questionnaire and give written notice of intent to bid on the Notice of Intention to Bid form by 4:00 PM Hawaii Standard Time (HST) December 1, 2025, to the Department of Land and Natural Resources Division of State Parks (DSP), Kalanimoku Building 1151 Punchbowl Street, #310, Honolulu, HI 96813 or Hawaii District Office 75 Aupuni Street, #204, Hilo, HI 96720.

Prior to permitting any interested party to bid, DSP shall satisfy itself of the prospective bidder's financial ability, experience, qualifications, and competence to carry out the terms and conditions of the concession contract that may be awarded.

SEALED BIDS are due on or before 4:00 PM HST on December 15, 2025, at DSP, located at Kalanimoku Building 1151 Punchbowl Street, #310, Honolulu, HI 96813 or Hawaii District Office 75 Aupuni Street, #204, Hilo, HI 96720. A SEALED BID must be accompanied by a bid deposit required by and in conformance with section 102-6, HRS. SEALED BIDS timely and properly received will be publicly opened at 9:00 AM HST on December 16, 2025, at DSP located at 1151 Punchbowl St. #310, Honolulu, HI 96813.

The IFB, including required forms for bidding, qualifications, specifications and contract, may be obtained from the DSP website: <https://dlnr.hawaii.gov/dsp/announcements/> or from the DSP office Mon. thru Fri., between 8:00 AM and 4:00 PM HST, excluding Holidays. The IFB can also be requested from Ms. E. Kelli Kipapa, Property Manager, at Tel: (808) 587-0505 or email: earleen.k.kipapa@hawaii.gov.

/s/ Dawn N. S. Chang

Dawn N. S. Chang, Chairperson,

Board of Land and Natural Resources

(SA1510246 11/14, 11/16, 11/17/25)

"December 15th, 2025

ADOPTION OF
RESOLUTION
NO. 1007, 2025,
RESOLUTION OF
APPRECIATION
FOR FORMER
BOARD MEMBER
BRYAN P.
ANDAYA

Chair and Members
Board of Water Supply
City and County of Honolulu
Honolulu, Hawai'i 96843

Chair and Members:

Subject: Adoption of Resolution No. 1007, 2025, Resolution of
Appreciation for Former Board Member Bryan P. Andaya

Board Member Bryan P. Andaya's term after serving for ten years has come to an end. We are grateful for his dedication and leadership as he has been an invaluable part of our Board.

We recommend the adoption of Resolution No.1007, 2025, to recognize and thank Mr. Andaya for his service, contributions, and dedication to the Board of Water Supply.

Respectfully Submitted,

/s/ ERNEST Y. W. LAU, P.E
Manager and Chief Engineer

Attachment"

DISCUSSION:

Ernest Lau, Manager and Chief Engineer, Board of Water Supply, gave the report.

Vice Chair Kaneshiro thanked Mr. Bryan Andaya for taking him under his wing when he started his new role as a Board member and sharing his knowledge.

Board Member Gene Albano echoed Vice Chair Kaneshiro's comments. He wished Mr. Andaya well in all his future endeavors.

Board Member Lance Wilhem commented that his only regret was that they had only a brief time to serve together on the BWS Board of Directors; he also thanked Mr. Andaya for his dedication.

Chair Anthony recalls his first meeting as a Board Member joining via Zoom as the world was in the middle of COVID. Then came the Red Hill Bulk Fuel Storage Facility fuel contamination that brought even more formidable challenges for the BWS. He commended and thanked Mr. Andaya for his service, steadiness, and for ensuring that the BWS had the tools to move forward.

Manager Lau expressed his appreciation for the 10-plus years Mr. Andaya dedicated to the BWS. He shared that Mr. Andaya supported the Water Master Plan (WMP), the Long Range Financial Plan, and the Long-Term

Capital Rehabilitation Plans, which helped the BWS achieve a Triple A Bond Rating for the first time in history, allowing the BWS to receive higher bond ratings and command lower interest rates.

Mr. Bryan Andaya stated that, after 10.5 years on the BWS Board of Directors, seven years of which he served as Chair, he is overwhelmingly blessed and humbled. It has been a privilege to serve in such a capacity. He commented that, together, the BWS has gone through so much and has conquered many challenges as a team – the WMP, issues with the charter, Haiku Stairs, COVID, Red Hill, and the bond rating. It was all possible because of the Board Members, the leadership at BWS, and everyone involved.

Mr. Andaya commented that he hopes there will be no issue that defines or dominates the agency. He stated that water is essential and affects every aspect of everyone's life. Mr. Andaya commented that if he could have the indulgence to hold, it is that the BWS take care of its people, bring it back to the people, and let the people define the agency, because without the people, the BWS cannot achieve its mission. At every level of the BWS, he hopes there is a renewed dedication to succession planning and the future, and to empowering one another so that, together, the BWS can champion the resource and the water delivery system that millions of people rely upon for generations to come. In closing, Mr. Andaya thanked everyone at the BWS. He especially thanked Manager Lau for the partnership they built.

MOTION TO
RECESS

Due to technical difficulties, at 2:33 PM, Chair Anthony called for a recess. Jonathan Kaneshiro so moved; seconded by Jeffrey Laupola and unanimously carried.

Upon unanimous approved motion, the Board recessed at 2:34 PM.

OPEN
SESSION

The Board reconvened in Open Session at 2:40 PM.

MOTION
TO APPROVE

Jonathan Kaneshiro and Jeffrey Laupola motioned and seconded, respectively, to adopt Resolution No. 1007, 2025, Resolution of Appreciation of Former Board Member Bryan P. Andaya

Ms. Cruz-Achui conducted a roll call: Vice Chair Jonathan Kaneshiro, aye; Board Member Lance Wilhelm, aye; Board Member Jeffrey Laupola, aye; Board Member Gene Albano, aye; and Chair Nā'ālehu Anthony, aye. Ms. Cruz-Achui announced that the motion passed with five ayes. Board Member Edwin Sniffen was absent.

ADOPTION OF RESOLUTION NO. 1007, 2025,
 RESOLUTION OF APPRECIATION OF FORMER BOARD
 MEMBER BRYAN P. ANDAYA WAS ADOPTED AT THE
 DECEMBER 15, 2025, BOARD MEETING

	AYE	NO	COMMENT
NĀ'ĀLEHU ANTHONY	X		
JONATHAN KANESHIRO	X		
LANCE WILHELM	X		
JEFFREY LAUPOLA	X		
EDWIN H. SNIFFEN			ABSENT
GENE C. ALBANO	X		



**BOARD OF WATER SUPPLY
CITY AND COUNTY OF HONOLULU**

RESOLUTION NO. 1007, 2025

**BRYAN P. ANDAYA
IN APPRECIATION FOR SERVING AS A MEMBER
OF THE BOARD OF WATER SUPPLY**

WHEREAS, BRYAN P. ANDAYA has ably served as a member of the Board of Water Supply, City and County of Honolulu, since September 2015 and as Chair from September 2016 to June 2023, and his term has come to an end; and

WHEREAS, MR. ANDAYA's work as an attorney and owner of Andaya Consulting, LLC, and the Andaya Real Estate Continuing Education School, and as a partner with ES&A, a law corporation, and as the former Chief Operations Officer of L&L Franchise, Inc., his other board memberships and his prominence in the community have brought additional recognition and esteem for the Board; and

WHEREAS, this Board has greatly benefitted from BRYAN ANDAYA's legal knowledge and familiarity with operational and administrative issues when, as Chair, he adeptly guided the Board and Department through extraordinary challenges and significant accomplishments including the BWS's response to the Red Hill Bulk Fuel Storage Facility contamination release, Board adoption of the 30-year Water Master Plan, extensive revision of the water rates structure, live streaming of board meetings, transfer of Haiku Stairs to the city, and the COVID-19 pandemic; and

WHEREAS, throughout his term as Chair and board member, MR. ANDAYA has staunchly defended the BWS's semi-autonomous governance model, supported and encouraged initiatives that improve day-to-day operations, and volunteered his time and expertise to help plan and effect business and policy decisions for the Board that will positively impact the direction and operations of the Board of Water Supply for many years to come; and

WHEREAS, his dedicated service as a board member is a testament to his firm commitment to maintaining a municipal water system deserving of trust from the public it serves; now therefore,

BE IT RESOLVED by the Members of the Board of Water Supply, City and County of Honolulu, that we do hereby express to BRYAN ANDAYA our deep appreciation and respect for his steadfast service and leadership of this Board and Department; and

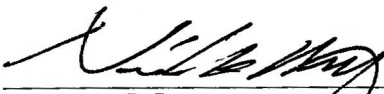
BE IT FURTHER RESOLVED that the Members of this Board extend to BRYAN P. ANDAYA our sincere gratitude and best wishes for continuing success in all his endeavors; and

BE IT FINALLY RESOLVED that this Resolution be presented to BRYAN P. ANDAYA.

Adopted this 15th day of December 2025
Board of Water Supply, Honolulu, Hawai'i



Resolution No. 1007, 2025



NĀ'ĀLEHU ANTHONY
Chair of the Board

ITEM FOR INFORMATION NO. 1

“December 15th, 2025

UPDATE ON
THE BOARD OF
WATER SUPPLY'S
RESPONSE TO
THE POTENTIAL
IMPACTS OF
RED HILL FUEL
CONTAMINATION

Chair and Members
Board of Water Supply
City and County of Honolulu
Honolulu, Hawai'i 96843

Chair and Members:

Subject: Update on the Board of Water Supply's Response to the Potential Impacts of the Red Hill Fuel Contamination

Joyce Lin, Acting Departmental Staff Executive Assistant, Office of the Manager and Chief Engineer, will give an Update on the Board of Water Supply's Response to the Potential Impacts of the Red Hill Fuel Contamination.

Respectfully Submitted,

/s/ ERNEST Y. W. LAU, P.E
Manager and Chief Engineer

Attachment”

The foregoing was for information only.

DISCUSSION:

Ernest Lau, Manager and Chief Engineer, gave the report.

Chair Anthony referred to slide four and asked whether Kaneohe Bay would also receive \$108,350 to upgrade its water system.

FEDERAL FUNDING ON RED HILL REMEDIATION

46 MILITARY CONSTRUCTION—Continued (dollars in thousands)		
	FY 2025 Amount	Total \$M
AIR NATIONAL GUARD		
STANWELLTON HEAD INTERNATIONAL AIRPORT		
C-130J OPERATIONS CENTER FACILITY		13,000
COMM. BLDG. & SERVICES TRUCK FACILITY	27,000	27,000
AIR FORCE RESERVE		
FORWARD AIR RESERVE BASE		
NEW ENTRY CONTROL FACILITY DESIGN		3,200
TOTAL, GUARDIA	27,000	43,200
ARMY		
SCHEPPEL SPRINGS		
FUNCTIONAL OPERATIONAL PURPOSES, WHEATON DESIGN		13,000
PROCESSED ASBESTOS REMEDIATION		2,100
NAVY AND MARINE CORPS		
JOINT BASE PEARL HARBOR-HICKAM		
DUG-1000 SHIP SUPPORT INFRASTRUCTURE OPERABLES	83,000	83,000
DRY DOCK 3 REPLACEMENT (MCO)	532,200	532,200
MARINE ENGINEERING PLANT (MCO)	105,000	105,000
NAVAIRVE SELF	108,200	108,200
NAVAL RECLAMATION FACILITY COMPLIANCE IMPROVEMENT (MCO)		155,700
NAVAL	220,700	155,700
AIR FORCE		
JOINT BASE PEARL HARBOR-HICKAM		
COMMERCIAL OPERATIONS CENTER DESIGN		5,000
GENERAL PURPOSE IMPROVEMENT PROGRAM DESIGN		4,200
TOTAL, ARMY	1,132,400	1,071,700

Joint Base Pearl Harbor-Hickam Water Treatment.—The Committees remain supportive of remediation efforts at Red Hill Bulk Fuel Storage Facility and the impacted surrounding areas. Accordingly, the agreement includes \$141,650,000 for the Water Treatment Test project at Joint Base Pearl Harbor-Hickam and encourages the Navy to continue working closely with local governments and communities to accelerate remediation efforts.

Manager Lau responded that it may be for upgrades to the Marine Corps Base Hawai'i (MCBH) wastewater treatment plant, which will convert some of its recycled wastewater for irrigation. He mentioned that the MCBH may be targeting recycled water to reach R-1 quality, similar to the BWS's reclamation facility.

Chair Anthony commented that the use of recycled water would help alleviate some of the water pressures that Windward O'ahu is facing.

Manager Lau responded that R-1 water would replace the use of potable water for irrigation. To clarify, the Navy's JBPPH has its own wells and water system. However, the BWS is the sole drinking water provider for MCBH and all its customers on the island. The MCBH is the BWS's single largest user, accounting for up to 20% of the water demand on the Windward side. He commented that it would be a significant change when MCBH could use recycled water to irrigate its landscaping.

There was remote testimony:

Meredith Wilson	<i>Commented that she was delighted to hear that the Manager and Joyce Lin are now involved in the JBPHH Advisory Board and on the Navy's draft PFAS Remedial Investigation Work Plan. She also had a few questions, which the BWS would respond to via mail or email.</i>
------------------------	--

Manager Lau responded to some of Ms. Meredith Wilson's questions with the information he had, but may need to confirm. He shared that he heard the fuel recovery facility is near Adit 1, which is closer to Pearl Harbor. The BWS's response letter to the Environmental Protection Agency (EPA) and the Department of Health (DOH) regarding the reactivation of the Navy's Aiea Halawa Shaft expressed concerns and should be available for viewing on the BWS website; otherwise, a copy can be sent. The BWS has not received a response from the EPA or the DOH.



DECEMBER 2025 RED HILL UPDATES

December 15, 2025
boardofwatersupply.com

RECENT EVENTS

November 12th

- ~~Red Hill Quarterly Subject Matter Expert Meeting~~ Postponed

November 19th

- Informational Brief to the City Council's Infrastructure, Transportation and Technology Committee
- Supplemental Fuel Tank Advisory Committee Meeting

December 11th

- Navy Closure Task Force –Red Hill Open House



UPDATES FROM NAVY CLOSURE TASK FORCE –RED HILL



RED HILL HIGHLIGHTS
SPECIAL EDITION , Nov. 20, 2024

As a result of the Red Hill fuel spill, the Navy Closure Task Force (NCTF) RH continues its work to decommission the underground storage tanks, permanently clean the Red Hill Bulk Fuel Storage Facility and remediate the affected environment.

Navy Closure Task Force-Red Hill Remains Committed to Closing Red Hill Facility

Four years after the Red Hill fuel spill, Navy Closure Task Force-Red Hill (NCTF- RH) continues its work to decommission the underground storage tanks, permanently clean the Red Hill Bulk Fuel Storage Facility and remediate the affected environment.

Since NCTF- RH stood up in March 2024, the team has been cleaning the fuel tanks, preparing more than 10 miles of pipeline for removal, conducting environmental site assessments, and continuing to engage with stakeholders and the public.

Tank Cleaning

NCTF- RH is in the process of cleaning 14 underground storage tanks in the facility. Six of the facility's 20 tanks were empty and out of service prior to defueling.

Currently, eight tanks are in various stages of the cleaning process, which include degassing, repairs and modifications, removal of solid sludge, equipment installation, pressure washing, and validation.

To date, more than 1,630 gallons of residual fuel and 360 gallons of sludge have been removed from the tanks. For more information regarding tank cleaning, visit www.navyclosuretaskforce.navy.mil.



Pipeline Removal

Pipeline removal operations began earlier this year to remove more than 10 miles of Red Hill pipes at the facility.

Through a process called pigging, crews push or pull foam cylinders through the pipes to collect any residual liquid and debris which was not removed during gravity defueling. The team repeats the process until residual liquid and debris are removed. To date, more than 2,500 gallons of residual fuel have been removed from the pipes.

Once the pipes are verified clean and gas free, pipe cutting and removal will begin. Check out the NCTF- RH Operations dashboard on the mobile app and website to see current progress.



RED HILL HIGHLIGHTS
28th Edition, Nov. 14, 2025

As a result of the Red Hill fuel spill, the Navy Closure Task Force (NCTF) RH continues its work to decommission the underground storage tanks, permanently clean the Red Hill Bulk Fuel Storage Facility and remediate the affected environment.

Environmental Assessment and Remediation

Part of the NCTF-RH mission is long-term remediation and monitoring of the environment in and around Red Hill. NCTF- RH remains committed to the cleanup and monitoring of affected areas in and around the facility in compliance with federal and state requirements. Some of these efforts will be measured in decades, not just years.

The team is conducting a site assessment to understand the extent of historic fuel releases at Red Hill and inform future remedial efforts, a multi-year effort that is closely planned and coordinated with the Environmental Protection Agency and Hawaii Department of Health.

While the site assessment is underway, the Navy continues conducting pilot studies for future remediation efforts at Red Hill. Some of these efforts include soil vapor extraction and a biodegradation study. Throughout this process, the Navy will continue to evaluate other cleanup methods suitable for the site.



Community Engagement

NCTF-RH actively engages with the community in many ways through its open houses, webinars and public meetings including monthly neighborhood boards and other public and stakeholder engagements.

The public is invited to attend the NCTF-RH open houses Dec. 11 from 5-7 p.m. at the Oahu Veterans Center to see and learn more about the work being done to permanently close the Red Hill Facility.

Be sure to check out our website at www.navyclosuretaskforce.navy.mil or our mobile app for the latest news and information.



For further information, please visit www.navyclosuretaskforce.navy.mil or www.tbphh-efswaters.org



FEDERAL FUNDING ON RED HILL REMEDIATION

45

MILITARY CONSTRUCTION—Continued

(Amounts in thousands)

	FY 2026 Request	Final Bdl
AIR NATIONAL GUARD		
SAVANNAH/HILTON HEAD INTERNATIONAL AIRPORT		
C-130J CORROSION CONTROL FACILITY		11,400
DINING HALL & SERVICES TRAIN FACILITY	27,000	27,000
AIR FORCE RESERVE		
DOBBINS AIR RESERVE BASE		
NEW ENTRY CONTROL FACILITY, DESIGN		3,200
TOTAL, GEORGIA	467,405	511,205
HAWAII		
ARMY		
SCHOFIELD BARRACKS		
UNACCOMPANIED ENLISTED PERSONNEL HOUSING, DESIGN		18,000
WHEELER ARMY AIRFIELD		
CLEARWATER RINSE FACILITY, DESIGN		2,100
NAVY AND MARINE CORPS		
JOINT BASE PEARL HARBOR-HICKAM		
DDG-1000 SHIP SUPPORT INFRASTRUCTURE UPGRADES	83,000	83,000
DRY DOCK 3 REPLACEMENT (INC)	553,720	553,720
WATER TREATMENT PLANT (INC)	141,650	141,650
KANEHOE BAY		
WATER RECLAMATION FACILITY COMPLIANCE UPGRADE (INC)	108,350	108,350
KAUAI		
PDI AIRFIELD PAVEMENT UPGRADES	235,730	155,730
AIR FORCE		
JOINT BASE PEARL HARBOR-HICKAM		
COMBINED OPERATIONS CENTER, DESIGN		5,000
GENERAL PURPOSE MAINTENANCE HANGAR, DESIGN		4,200
TOTAL, HAWAII	1,122,450	1,071,750

Joint Base Pearl Harbor-Hickam Water Treatment.—The Committees remain supportive of remediation efforts at Red Hill Bulk Fuel Storage Facility and the impacted surrounding areas. Accordingly, the agreement includes \$141,650,000 for the Water Treatment Plant project at Joint Base Pearl Harbor-Hickam and encourages the Navy to continue working closely with local governments and communities to accelerate remediation efforts.

Shipyard Infrastructure Optimization Plan (SIOP). The Com

Source: [Joint Explanatory Statement to Division D of H.R. 5371, the Military Construction, Veterans Affairs, and Related Agencies Act, 2026.](#)



UPCOMING EVENTS

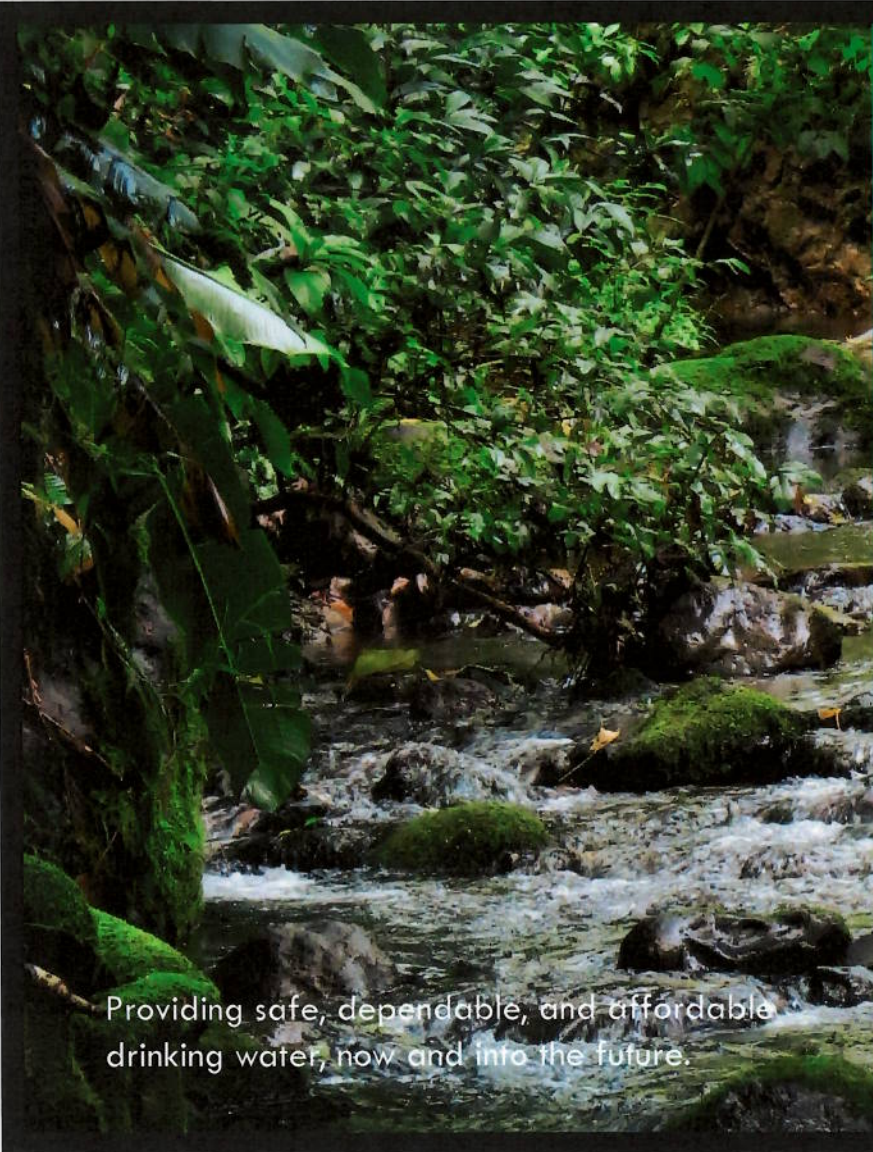
December 16, 2025

- Community Representation Initiative Meeting

January 14, 2026

- (Tentative) Pearl Harbor Hickam –Kalaeloa Restoration Advisory Board Meeting





Providing safe, dependable, and affordable drinking water, now and into the future.



MAHALO!

December 2025 Red Hill Updates



Meredith Wilson
Public Testimony – BWS Board Meeting 12/15/25
Item for Info #1 re: Red Hill

Aloha Board,

It's good to see you all again & I'm delighted to hear that Ernie & Joyce will be involved with the Joint Base Pearl Harbor-Hickam Restoration Advisory Board.

After reviewing the [Navy's Draft PFAS Remedial Investigation Work Plan](#), I now realize how important it's going to be to ensure they investigate ALL potential sources of PFAS. Even the [EPA has asked](#) the Navy to update their plan so that they investigate the *entire* Red Hill facility & not just Areas A & B as they've delineated.

Petroleum facilities may use PFAS-containing materials for things like vapor suppression, surfactants, smelting, so the tank gallery itself could be a large source of PFAS. (*Those are EPA's words, not mine*) Although AFFF is a major contaminant concern, **we cannot let the Navy lead us to believe that it is the *only* potential source of PFAS from Red Hill.**

Going back in time a bit, there's a little-known-about event that happened on Oct. 26, 2021 where a water pipeline rupture of 300,000gal mixed with 2-3,000gal of existing fuel at the Fuel Oil Recovery Facility (or FORFAC). The Navy, [by their own admission](#), estimated that at least 100,000gal of fuel/AFFF/water mixture was potentially released into the environment.

Does BWS know where this FORFAC is located? I cannot find any reference to how close it may be to the Red Hill Shaft or its proximity to groundwater.

Is this location at all related to the Oily Waste Disposal Facility (OWDF)?

I apologize as I know BWS is not the owner of these facilities, but unfortunately, due to the lack of transparency and its potential effect on the groundwater and the public's health, I'm hoping you can familiarize me with the orientation of these locations.

And just a short last question, at the Aug. 28th CRI meeting, Ernie mentioned BWS provided a letter to EPA/DOH regarding feedback on the proposed reactivation of the Navy's Aiea-Halawa Shaft (NAHS) – **is this available online? Has there been a response?** The Navy was aiming to open the shaft back in June of this year. I can't imagine them getting approval anytime soon with all of the data gaps that exist

I appreciate the arduous work that BWS continues on the everlasting task of questioning the regulatory agencies and the Navy on all matters that affect Oahu's future. As the saying goes: *"Today is the tomorrow we worried about yesterday."*

Thank you for listening. Mahalo-
-Meredith Wilson

ITEM FOR INFORMATION NO. 2

“December 15th, 2025

FINANCIAL
UPDATE FOR THE
QUARTER ENDED
SEPTEMBER 30TH,
2025

Chair and Members
Board of Water Supply
City and County of Honolulu
Honolulu, Hawai'i 96843
Chair and Members:

Subject: Financial Update for the Quarter Ended
September 30th, 2025

The following Board of Water Supply's financial reports and graphs are attached:

- Budget vs Actual Revenue and Expense Totals
- Statement of Revenues, Expenses and Change in Net Assets
- Balance Sheet
- Budget vs Actual Appropriation Budget – Total BWS Summary
- Graph Representing Operating Expenditures by Category
- Graphs of Total Budgeted Operating Expenditures and Total Budgeted Operating Revenues

Respectfully Submitted,

/s/ ERNEST Y. W. LAU, P.E
Manager and Chief Engineer

Attachment”

The foregoing was for information only.

DISCUSSION: Kaliko Lum Kee, Assistant Waterworks Controller, Finance Division, gave the report.

Vice Chair Kaneshiro commented that when the BWS decided on the 5-year rate study, one main concern was keeping up with the expenditures. However, the BWS seems to be in a healthy cash position. Therefore, he suggested revisiting the minimum working days and working capital. As a public service agency, it is important to do right by the ratepayers and consider allocating capital to hiring.

Manager Lau stated that during the rate study, the BWS projects revenue growth. He explained the revenue ties to weather conditions and the seasons, which can fluctuate depending on how wet or dry the year is. During the wetter season, less water is used; therefore, revenue is lower. Whereas during the hotter, drier season, more water is used, driving revenue higher. Manager Lau also shared that each year, the BWS projects quarterly expenditures for the fiscal year and adopts an annual budget that begins July 1 and ends on June 30. He explained that the first

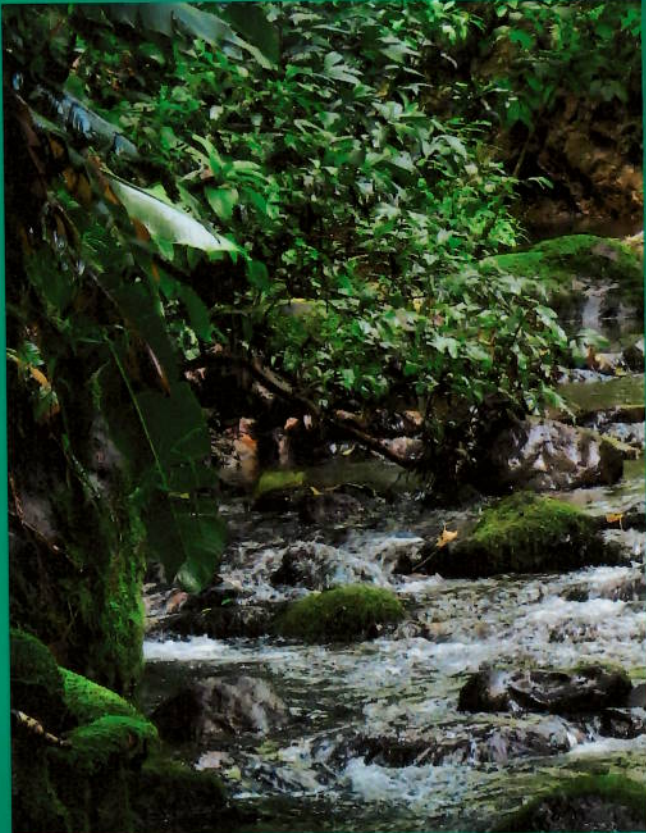
quarter is typically a slow start because projects are in the procurement process. However, regarding Vice Chair Kaneshiro's concern about tracking working capital, the BWS closely monitors any uncommitted funds at the end of the fiscal year. He commented that in the next few years, the BWS will try to moderate some of the rate increases. At the time the rate study took place, costs were rising, and what was projected then became more expensive, requiring the BWS to work with a leaner budget. Manager Lau expressed his appreciation for the Board's support in the rate increase.

Chair Anthony commented that, before the rate increase, energy costs were rising rapidly, and the BWS was spending more than budgeted to cover overhead. During such times, the BWS, with the help of Ms. Raelynn Nakabayashi, worked on a leaner budget. However, he expressed concern about meeting the BWS's goal of replacing 21 miles of pipeline each year, which requires the proper tools and workforce. Chair Anthony stated that he appreciates the lean budget but encourages the BWS to ensure it has what it needs to complete its work.

Manager Lau mentioned that the BWS can sell its revenue bonds annually. However, if revenue is growing, the BWS may choose not to sell its revenue bonds and instead use the revenue to benefit its customers by improving its water system. He also mentioned that the BWS is looking at its long-term debt service costs to avoid large spikes. Manager Lau thanked the Fiscal Staff, the Finance Division, and the Executive Support Office for their work on the Budget.

Chair Anthony commented that keeping debt service costs down is important. The triple A rating attained during former Board Member Andaya's tenure has the BWS as the only City or State agency holding a triple A rating. Therefore, it is important to keep costs down. He expressed appreciation for the BWS's mindfulness of how money is used.

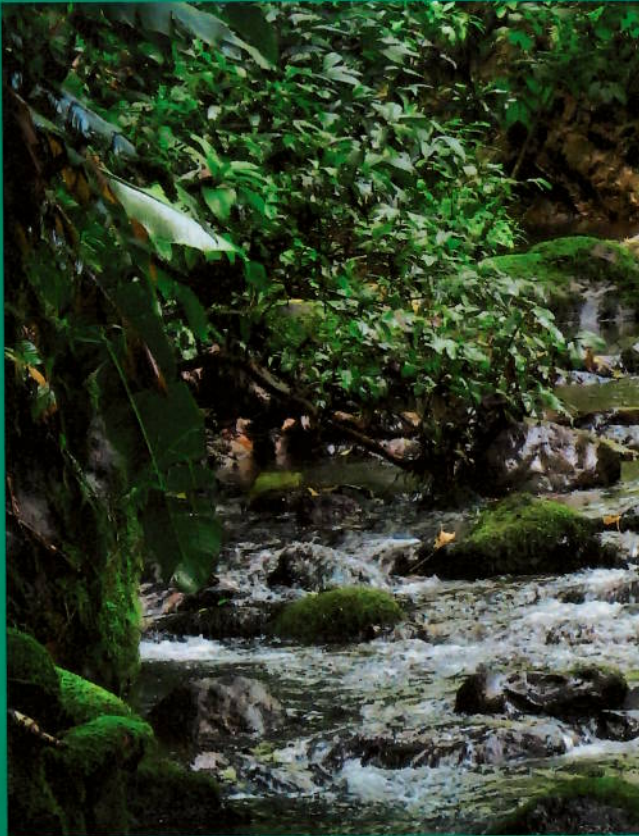
Manager Lau commented it requires constant monitoring and a watchful eye.



FINANCIAL PERFORMANCE JULY 2025–SEPT 2025

Leanne Matsumoto
December 15, 2025
boardofwatersupply.com





FINANCIAL PERFORMANCE JULY 2025–SEPT 2025

Leanne Matsumoto
November 24, 2025
boardofwatersupply.com



BUDGET TO ACTUAL JULY 2025 – SEPTEMBER 2025

- Actual Revenue \$93.3 million vs.
- Budgeted Revenue \$83.6 million

- Operating costs are \$74.9 million vs.
- Budgeted costs of \$84.3 million

- Actual Net Revenue \$18.4 million vs.
- Budgeted Net Revenue \$-.7 million



COST DRIVERS

Year to Date Sept 2025

	Actual (millions)	Budget (millions)
• Personnel	\$12.2	\$14.6
• Material, Supplies & Services	\$29.9	\$31.6
• Equipment	\$.1	\$.5
• Debt Service	\$ 11.6	\$12.4
• Utilities	\$ 7.6	\$ 9.6



OPERATING BUDGET VS ACTUAL

FY2026 1ST QUARTER - YEAR TO DATE: JUL 25 – SEP 25

BUDGETED EXPENDITURES ARE \$84.3M VS. ACTUAL EXPENDITURES OF \$74.9M
OF THE \$9.4M VARIANCE...

Executive Support Office - \$1.5M Over Budget

- Professional Services (\$2.8M Over)
- Insurance (\$622K Under)

Fixed Charges - \$5.7M Under Budget

- Employee Retirement System (\$2.1M Under)
- Electric Power – Water Distrib Fac (\$2M Under)
- Notes Payable (SRF) (\$927K Under)
- Miscellaneous Financial Expenses (\$800K Under)

Field Operations - \$4.4M Under Budget

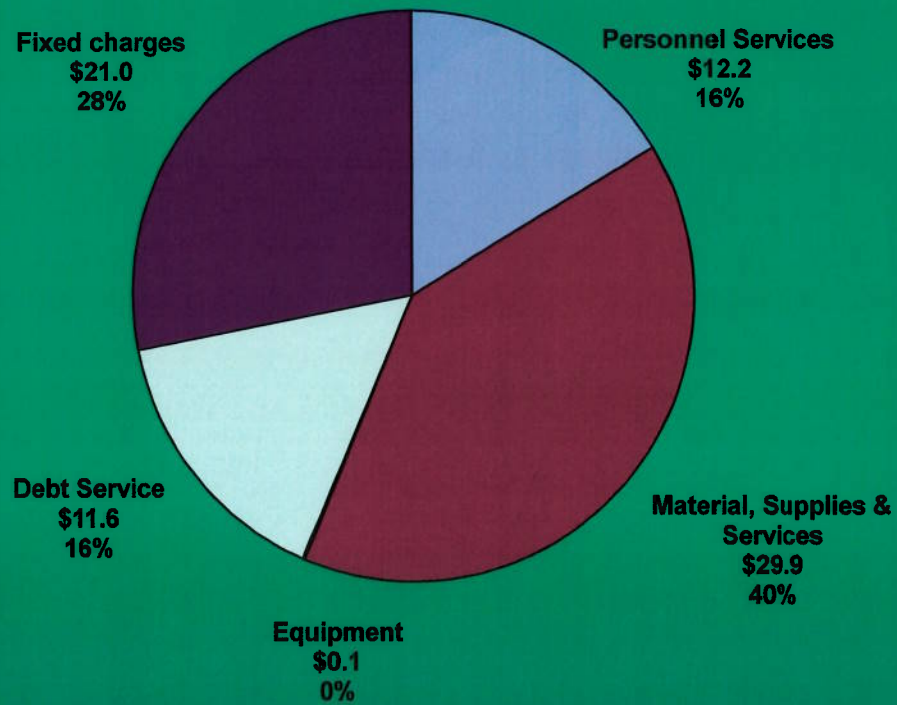
- Other Contractual Services (\$1.1M Under)
- Salaries and Wages (\$741K Under)
- Meters (Storeroom) (\$577K Under)
- Materials & Supplies (Storeroom) (\$435K Under)
- Emergency & Contracted Road Repairs (\$395K Under)

Water System Operations - \$1.3M Under Budget

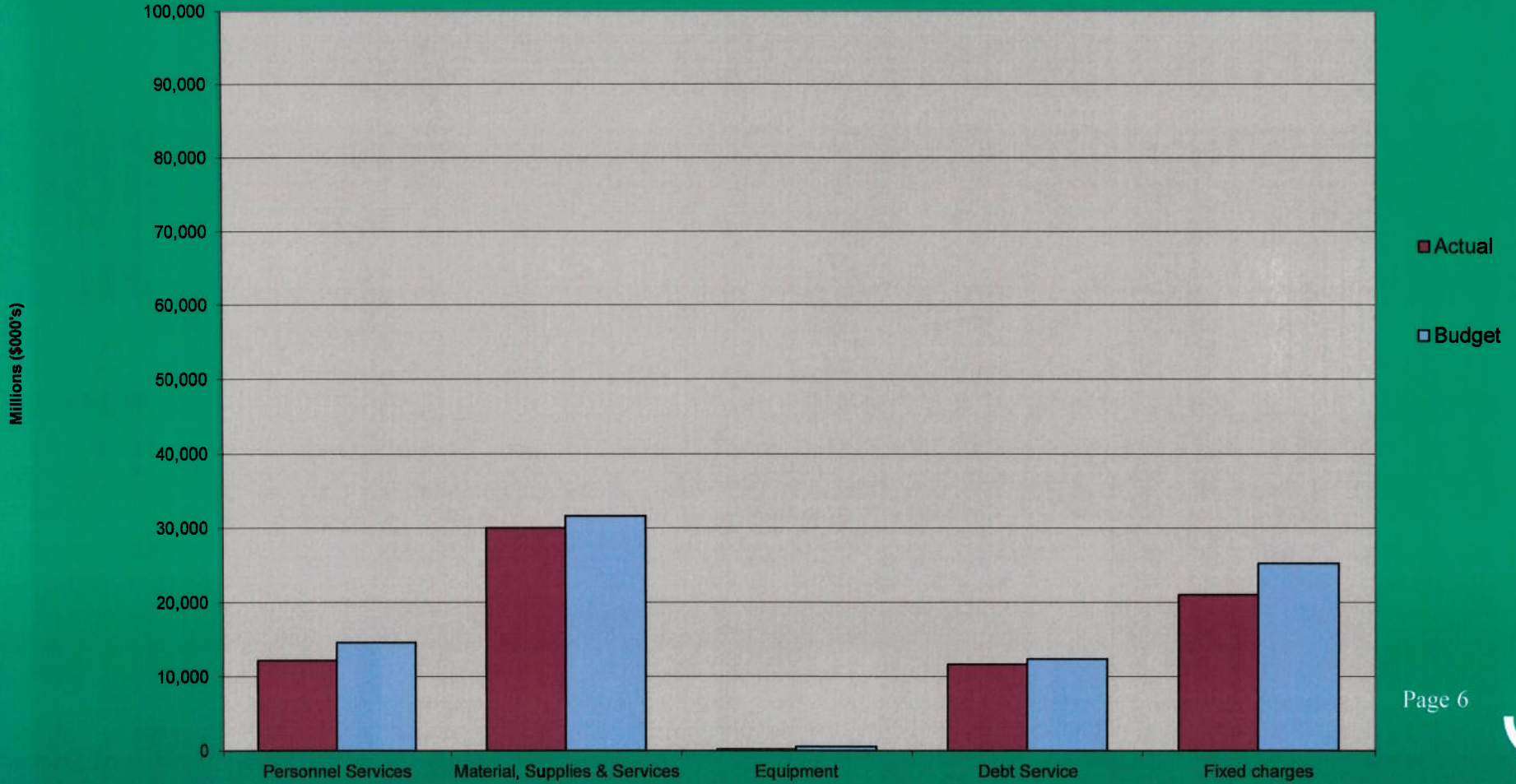
- General Plant and Equipment over \$5K (\$440K Under)
- Salaries and Wages (\$560K Under)



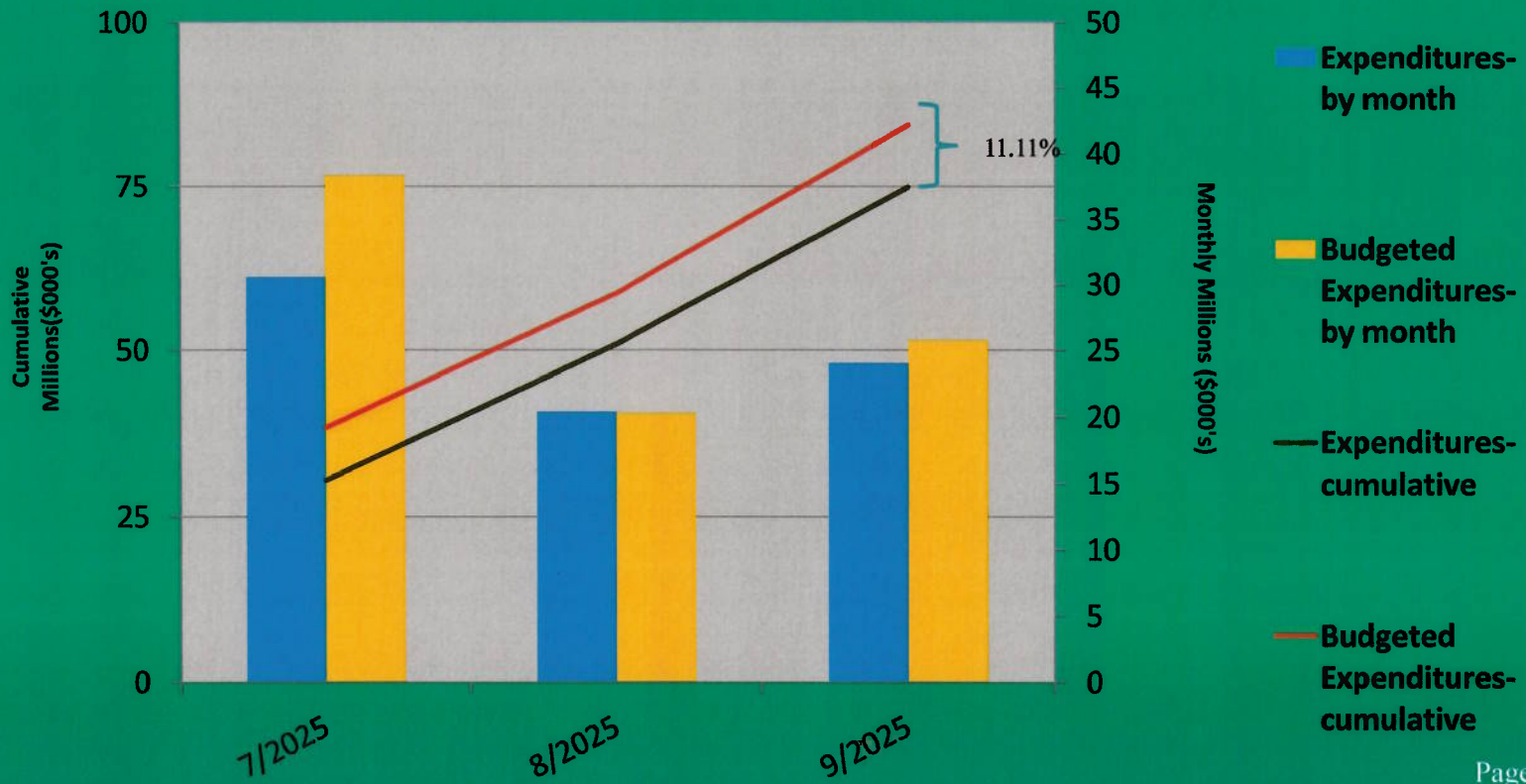
Total Operating Expenditures - \$74.8
As of September, 2025
(millions of dollars)



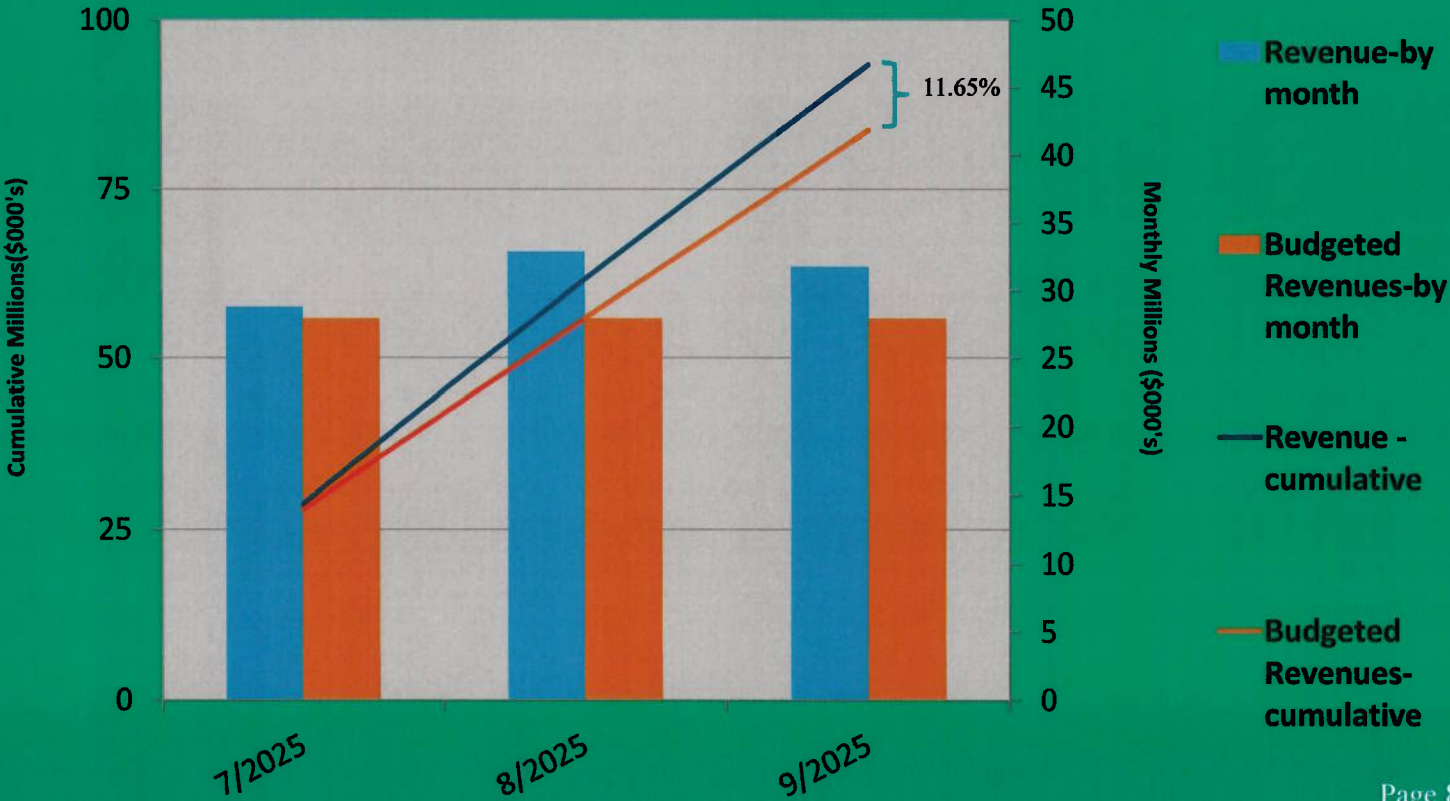
Operating Expenditures by Category (Budget vs. Actual)
As of September, 2025



BUDGETED OPERATING EXPENDITURES FY 2026



BUDGETED OPERATING REVENUES FY 2026





Mahalo!

BOARD OF WATER SUPPLY

WWW.BOARDOFWATERSUPPLY.COM

Page 9



Budget vs. Actual
Revenue and Expense Totals
As of September, 2025

	YTD Actuals	YTD Budget	Favorable/ (Unfavorable) Variance
Revenues	93,288	83,556	9,732
Operating Expenses	(74,888)	(84,250)	9,362
Net Revenues (expenditures)	18,400	(694)	19,094

Board Of Water Supply
Statement of Revenues, Expenses And Change In Net Assets
As of September 30, 2025

Current Month Actual	% Revenue	Last Year Actual	% Revenue	Description	Year to Date Actual	% Revenue	Last Year to Date Actual	% Revenue	% Change
REVENUE									
30,875,156.45	100.00	27,470,643.03	100.00	OPERATING REVENUE	88,198,869.34	100.00	78,163,497.87	100.00	12.84
30,875,156.45	100.00	27,470,643.03	100.00	REVENUE	88,198,869.34	100.00	78,163,497.87	100.00	12.84
OPERATING EXPENSES									
3,896,919.02-	12.62	3,731,176.39-	13.58	LABOR COSTS	11,293,830.28-	12.80	10,666,910.51-	13.65	5.88
3,797,758.19-	12.30	3,422,180.45-	12.46	SERVICES	8,422,508.08-	9.55	6,455,149.64-	8.26	30.48
554,607.87-	1.80	252,770.00	.92	SUPPLIES	1,309,147.54-	1.48	1,360,326.39-	1.74	3.76-
7,035.31-	.02	4,972.06-	.02	EDUCATION & TRAINING	18,977.08-	.02	9,649.48-	.01	96.66
1,929,306.77-	6.25	2,662,418.13-	9.69	UTILITIES	5,346,634.09-	6.06	5,977,885.99-	7.65	10.56-
137,133.48-	.44	126,237.54-	.46	REPAIR AND MAINTENANCE	271,084.91-	.31	301,666.08-	.39	10.14-
1,924,975.84-	6.23	4,424,236.03-	16.11	MISC	4,352,513.50-	4.93	6,693,073.83-	8.56	34.97-
749,531.33-	2.43	145,538.68-	.53	RETIREMENT SYSTEM CONTRIBUTIO	12,511,571.67-	14.19	13,055,730.01-	16.70	4.17-
88,089.04	.29	75,224.33-	.27	MISC EMPLOYEES' BENEFITS	111,228.32	.13	269,609.50-	.34	141.26-
12,909,178.77-	41.81	14,339,213.61-	52.20	OPERATING EXPENSES	43,415,038.83-	49.22	44,790,001.43-	57.30	3.07-
648,755.24	2.10	6,635,769.47	24.16	NON OPERATING REVENUE AND EXPE	9,114,393.77	10.33	11,776,701.82	15.07	22.61-
873,839.02	2.83	1,642,881.87	5.98	CONTRIBUTION IN AID	2,605,497.53	2.95	2,044,358.25	2.62	27.45
172,037.73-	.56	225,825.32-	.82	LEASE	172,037.73-	.20	225,825.32-	.29	23.82-
4,214,153.14-	13.65	3,532,417.70-	12.86	OTHER EXPENSES	12,780,538.57-	14.49	12,083,022.42-	15.46	5.77
15,102,381.07	48.91	17,651,837.74	64.26	Change In Net Assets	43,551,145.51	49.38	34,885,708.77	44.63	24.84

Board Of Water Supply
Balance Sheet
As of September 30, 2025

Description	***** Amounts *****			***** Change *****	
Description	Current	Last Month End	Last Year End	This Month	This Year
ASSETS					
CURRENT ASSETS	77,495,911.22	72,430,986.95	64,493,145.83	5,064,924.27	13,002,765.39
RESTRICTED ASSETS	26,722,727.34	26,793,352.29	47,819,916.76	(70,624.95)	(21,097,189.42)
INVESTMENTS	749,009,096.57	740,909,068.24	748,047,933.65	8,100,028.33	961,162.92
OTHER ASSETS	10,906,605.11	11,574,599.10	12,458,829.05	(667,993.99)	(1,552,223.94)
PROPERTY / PLANT	1,501,297,067.41	1,491,804,130.77	1,496,710,877.60	9,492,936.64	4,586,189.81
DEFERRED OUTFLOWS OF RESOURCE	8,886,511.00	8,886,511.00	8,886,511.00	-	-
DEFERRED OUTFLOWS OF RESOURCE	27,344,302.14	27,344,302.14	27,344,302.14	-	-
ASSETS	<u>2,401,662,220.79</u>	<u>2,379,742,950.49</u>	<u>2,405,761,516.03</u>	<u>21,919,270.30</u>	<u>(4,099,295.24)</u>
LIABILITIES					
CURRENT LIABILITIES	25,248,215.31	17,781,541.85	52,283,480.41	7,466,673.46	(27,035,265.10)
OTHER LIABILITIES	83,506,914.79	84,000,047.01	88,831,102.07	(493,132.22)	(5,324,187.28)
BONDS PAYABLE, NONCURRENT	507,790,260.00	507,708,273.72	522,842,610.08	81,986.28	(15,052,350.08)
LEASE LIABILITY	3,251,648.40	3,501,802.27	3,501,802.27	(250,153.87)	(250,153.87)
NET PENSION LIABILITY	122,806,482.00	122,806,482.00	122,806,482.00	-	-
NET OPEB LIABILITY	32,449,540.00	32,449,540.00	32,449,540.00	-	-
DEFERRED INFLOWS OF RESOURCES	15,295,408.00	15,295,408.00	15,295,408.00	-	-
LIABILITIES	<u>790,348,468.50</u>	<u>783,543,094.85</u>	<u>838,010,424.83</u>	<u>6,805,373.65</u>	<u>(47,661,956.33)</u>
NET ASSETS					
RETAINED EARNINGS	358,255,921.20	357,327,756.15	335,817,848.83	-	-
FUND BALANCE	594,633,831.66	594,633,831.66	594,633,831.66	-	-
RESERVE FOR ENCUMBRANCES	615,091,056.34	616,019,221.39	637,529,128.71	-	-
CURRENT YEAR CHANGES TO FU	43,332,943.09	28,219,046.44	(229,718.00)	15,113,896.65	43,562,661.09
NET ASSETS	<u>1,611,313,752.29</u>	<u>1,596,199,855.64</u>	<u>1,567,751,091.20</u>	<u>15,113,896.65</u>	<u>43,562,661.09</u>
TOTAL LIABILITIES AND NET ASSETS	<u>2,401,662,220.79</u>	<u>2,379,742,950.49</u>	<u>2,405,761,516.03</u>	<u>21,919,270.30</u>	<u>(4,099,295.24)</u>

Board Of Water Supply
 Budget vs Actual Appropriation Budget - Total BWS Summary

(\$000's)

CIFIS 26820-3021

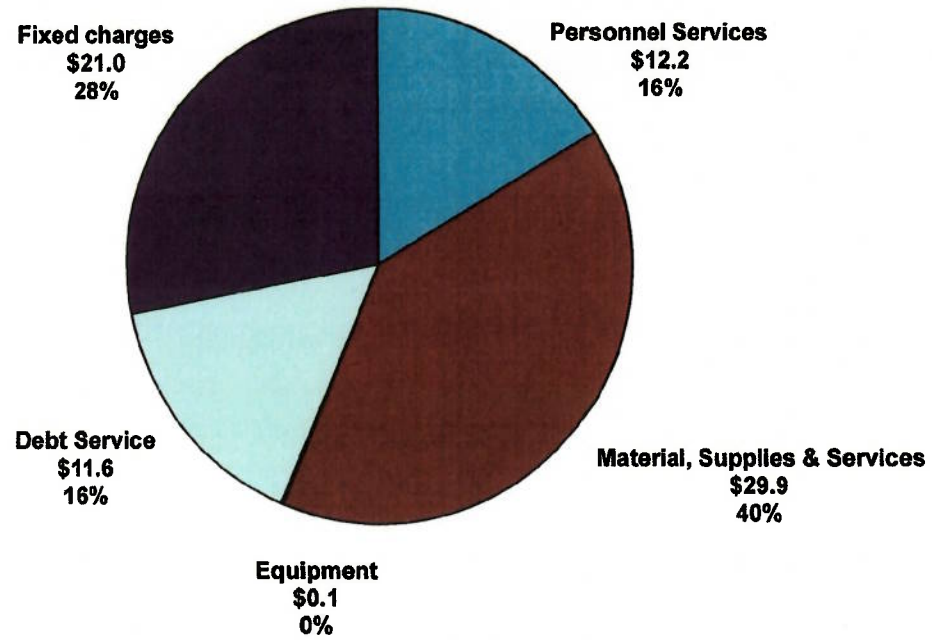
AS OF 9/30/2025

OPER UNIT ALL

BUSINESS UNIT ALL

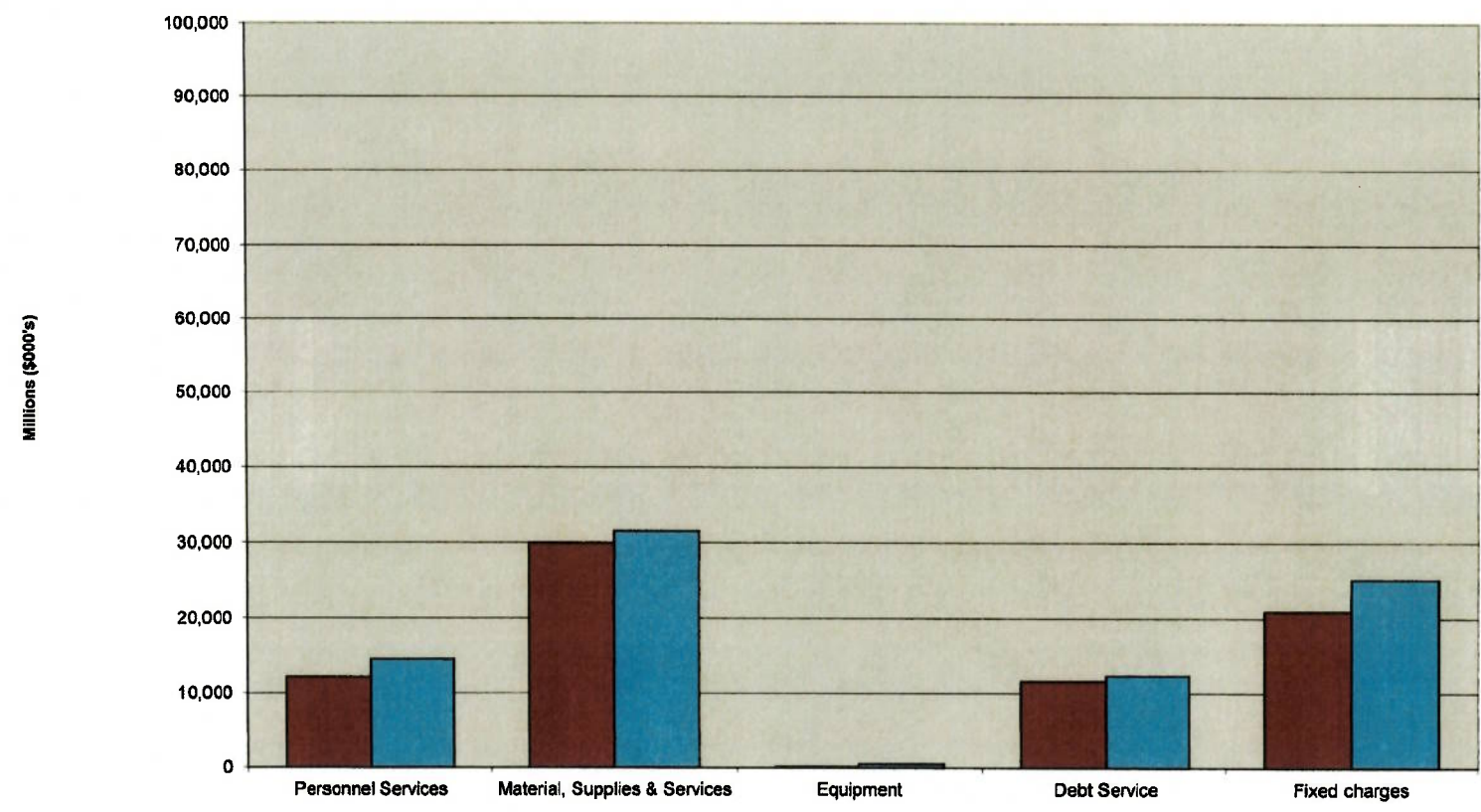
YTD-TO-DATE				FOR THE FISCAL YEAR					
YTD Actuals	YTD Budget	Avail/ (Over)	%	Object Description	Revenues/ Expend	Open Encumb	Annual Budget	Avail/ (Over)	%
<u>93,288</u>	<u>83,556</u>	<u>(9,732)</u>	<u>11.65-</u>	<u>REVENUE</u>	<u>93,288</u>		<u>333,025</u>	<u>239,737</u>	<u>71.99</u>
				OPERATING EXPENSES:					
12,153	14,568	2,415	16.58	Personnel Services	12,153		62,065	49,912	80.42
				MATERIALS AND SUPPLIES					
14,403	13,527	(876)	6.48-	Services	4,229	10,174	54,928	40,525	73.78
2,973	4,996	2,023	40.49	Supplies	2,288	685	20,240	17,267	85.31
57	131	74	56.49	Education & Training	57		708	651	91.95
				Utilities					
1,781	1,680	(101)	6.01-	Repairs & Maint	233	1,548	4,583	2,802	61.14
10,766	11,278	512	4.54	Misc	3,397	7,369	17,505	6,739	38.50
				Equipment	32	116	5,666	5,518	97.39
11,613	12,356	743	6.01	Debt Service	11,613		42,234	30,621	72.50
				FIXED CHARGES:					
7,597	9,659	2,062	21.35	Utilities	7,597		38,636	31,039	80.34
825	825			Case Fees	825		3,300	2,475	75.00
2,708	4,850	2,142	44.16	Retirement System Contribution	2,708		19,400	16,692	86.04
9,864	9,865	1	.01	Misc Employees' Benefits	9,864		14,050	4,186	29.79
<u>74,888</u>	<u>84,250</u>	<u>9,362</u>	<u>11.11</u>	<u>TOTAL OPERATING EXPENDITURES</u>	<u>54,996</u>	<u>19,892</u>	<u>283,315</u>	<u>208,427</u>	<u>73.57</u>
<u>18,400</u>	<u>(694)</u>	<u>(19,094)</u>		<u>NET REVENUES (EXPENDITURES)</u>	<u>38,292</u>	<u>(19,892)</u>	<u>49,710</u>	<u>31,310</u>	

Total Operating Expenditures - \$231.3
As of September, 2025
(millions of dollars)

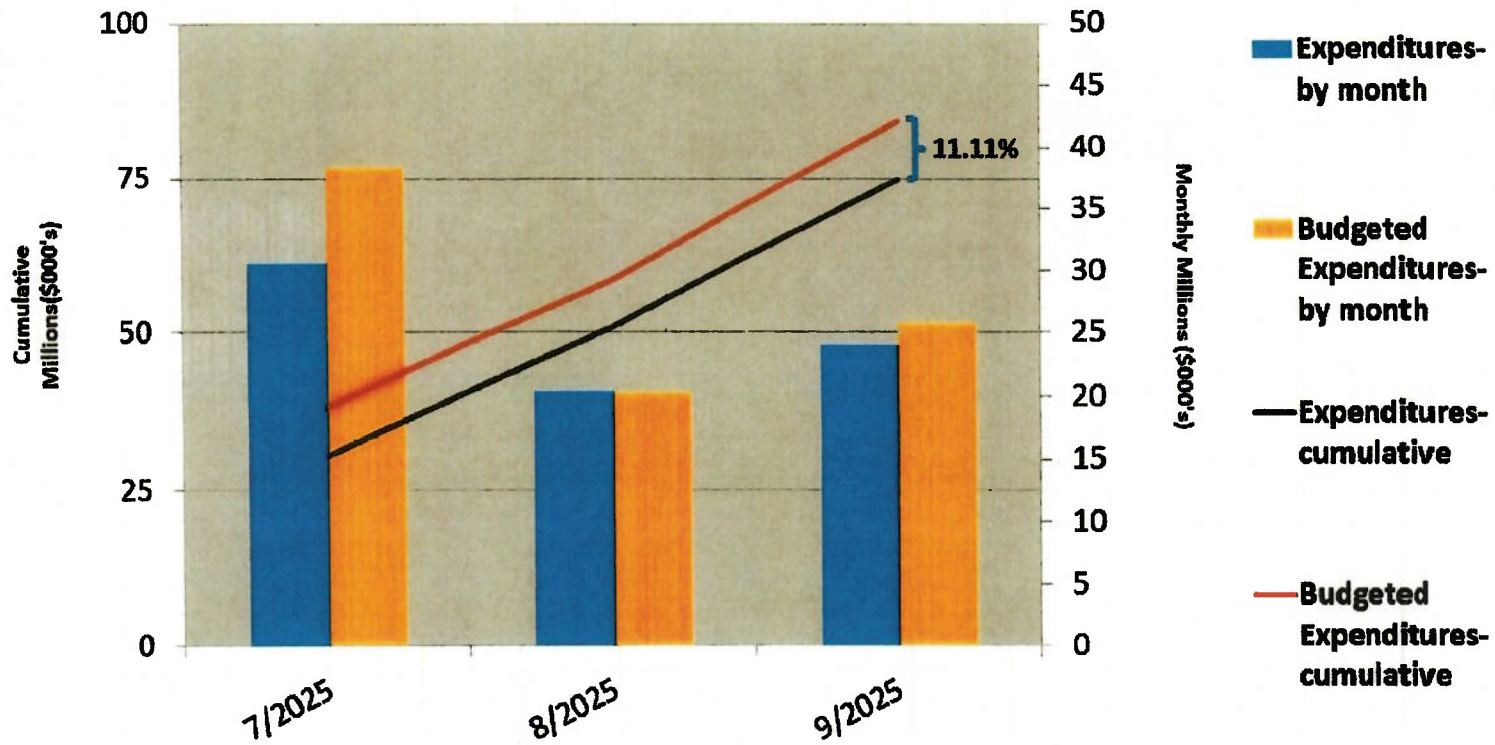


**Operating Expenditures by Category (Budget vs. Actual)
As of September, 2025**

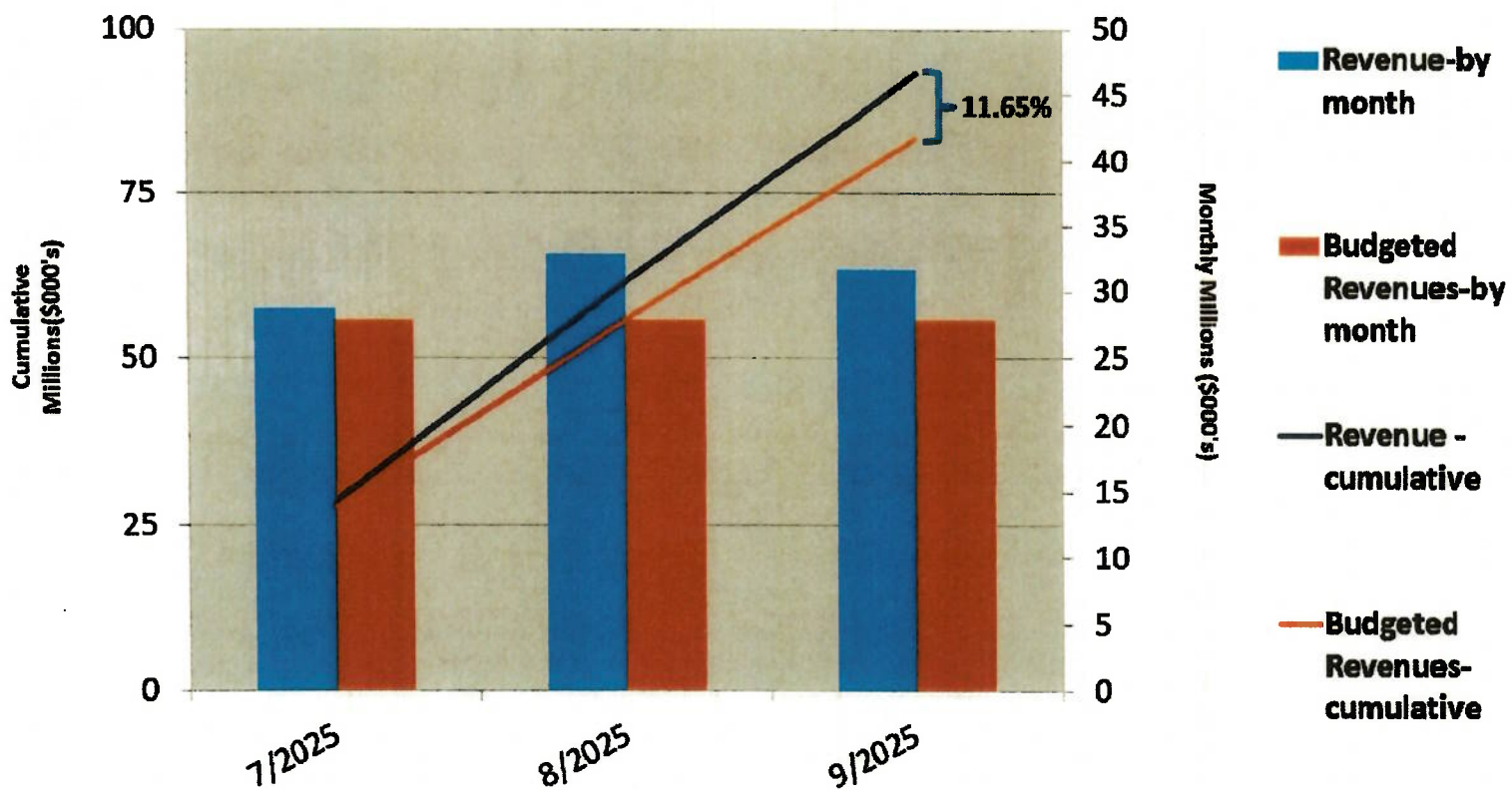
■ Actual
■ Budget



BUDGETED OPERATING EXPENDITURES FY 2026



BUDGETED OPERATING REVENUES FY 2026



ITEM FOR INFORMATION NO. 3

“December 15th, 2025

RECRUITMENT
STATUS

Chair and Members
Board of Water Supply
City and County of Honolulu
Honolulu, Hawai'i 96843

Chair and Members:

Subject: Recruitment Status

Michele L. Thomas, Executive Assistant, Human Resources Office, will be presenting an update on the Recruitment Status for the period of July 2025 to September 2025.

Respectfully Submitted,

/s/ ERNEST Y. W. LAU, P.E
Manager and Chief Engineer

Attachment”

The foregoing was for information only.

DISCUSSION:

Michele L. Thomas, Executive Assistant I, Human Resources Office, gave the report.

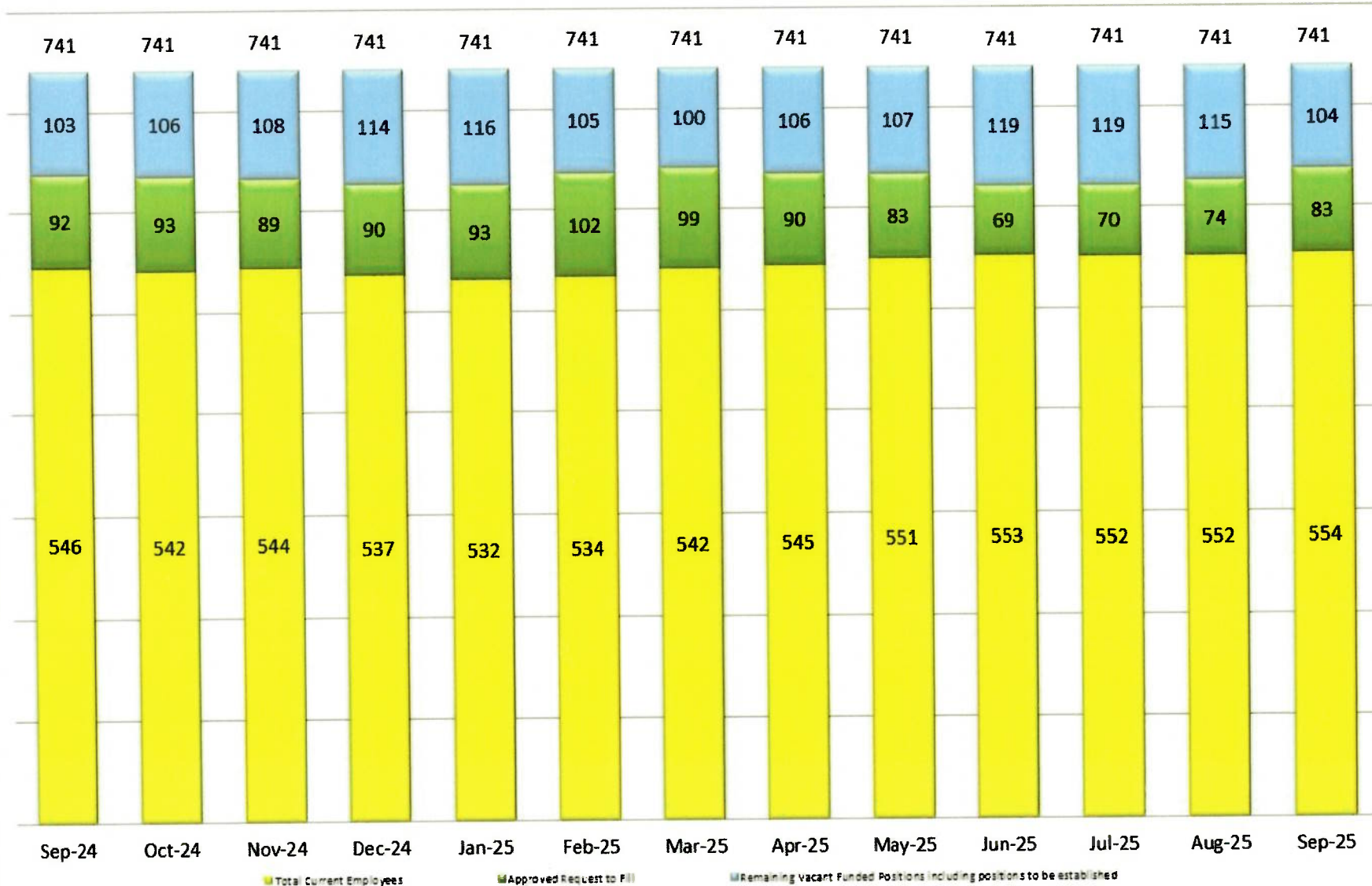
Chair Anthony inquired about the types of outreach that have been most effective in reaching job seekers.

Ms. Michele Thomas replied that using multiple different media streams seems to be working quite well; however, some still prefer in-person engagement. The BWS uses various outreach methods to offer opportunities to as many individuals as possible. She mentioned that the BWS has also expanded outreach and begun visiting various high schools to share what it can offer. The BWS still faces challenges in filling skilled positions due to today's uncertainty, which keeps many employees from moving jobs.

Chair Anthony asked whether any of the outreach methods had resulted in gains from displaced federal and airline employees.

Ms. Thomas shared that the BWS has been working directly with the City, aiming to employ displaced federal and airline workers. The BWS gained one federal employee who previously worked for the Federal government; however, soon after the hire, the BWS lost said hire to another opportunity. The BWS also interviewed several displaced airline workers. Unfortunately, the displaced airline employees who applied did not meet the skill levels the BWS was seeking.

Positions Filled September 1, 2024 through September 30, 2025



For the period Jul25-Sep25 Actions: 12 New Hires, 5 Promotions, 1 Demotion, 1 Transfer, 11 Separations, 2 Cancelled Requests

BOARD OF WATER SUPPLY

City and County of Honolulu

RECRUITMENT AND SEPARATION STATUS For Period July 1, 2025 to September 30, 2025

Status of Positions Under Recruitment

	as of		
	7/31/2025	8/31/2025	9/30/2025
Pending DHR Open List (external recruitment)	20	16	25
Pending Internal recruitments	1	4	9
Pending Final Interview Questions	7	3	3
Pending Interviews with Division	32	36	18
Anticipated Starts (pre-employment clearances)	10	15	26
Cancelled Requests	0	0	2
Total Positions Under Recruitment	70	74	83

Filled Positions

Month	Jul-25	Aug-25	Sep-25
Open list	7	2	5
Internal Promotions	1	0	2
Internal Demotions/Transfers	0	1	1
Reallocations	1	6	2

Separations

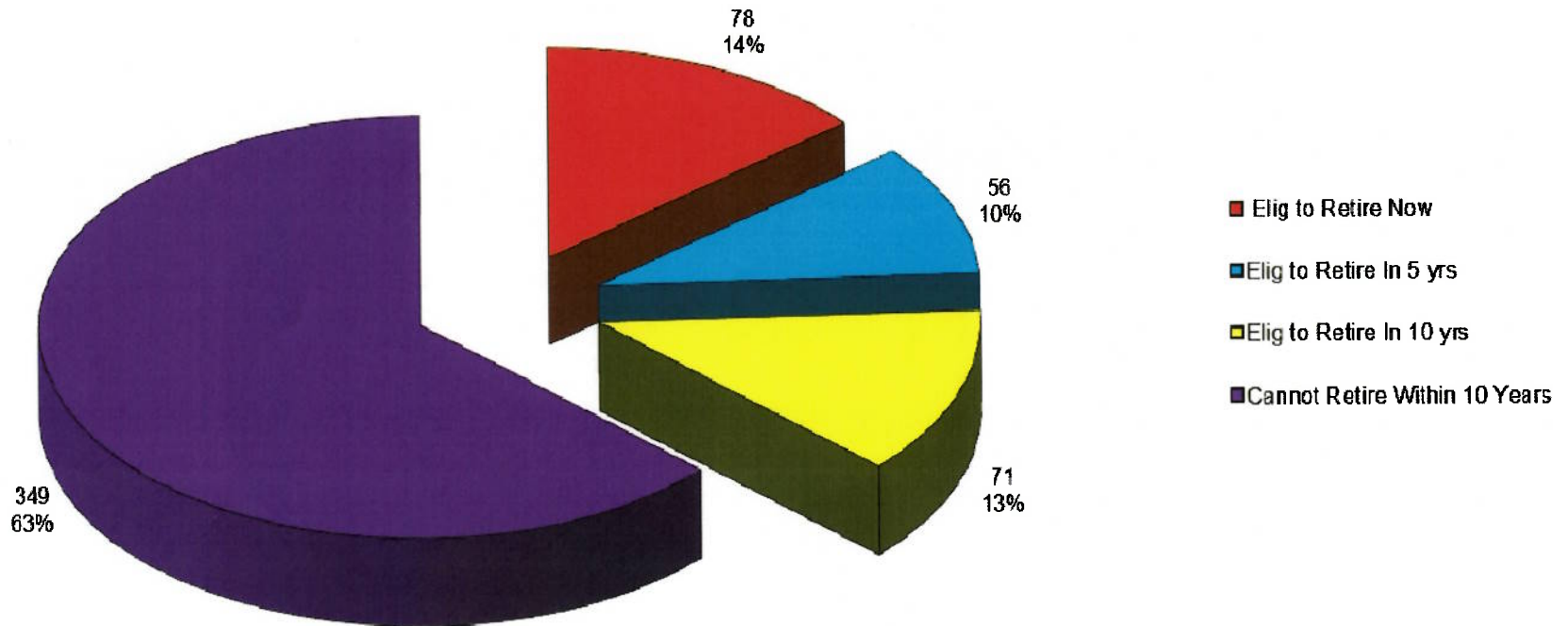
Month	Jul-25	Aug-25	Sep-25
Retire	1	1	0
Resign/Termination/Other	5	1	3

Legend:

DHR = Department of Human Resources City and County of Honolulu

Reallocation = Employee has demonstrated competency in higher level position and position was adjusted

BWS Retirement Projections As of September 30, 2025





RECRUITMENT STATUS UPDATE

Michele L. Thomas
December 15, 2025
boardofwatersupply.com

BWS RECRUITING ACTIVITIES

Hawaii Career Expo 2025
Wednesday, July 30, 2025
9:00am - 2:00pm



COLLEGE OF ENGINEERING
UNIVERSITY OF HAWAII AT MANOA
F'25 CAREER EXPO
Friday, September 26, 2025 12:00 - 4:00 PM
UHM Campus Center Courtyard, Ballroom, and adjacent rooms



BWS EDUCATIONAL OUTREACH

WATER PLANT MAINTENANCE MECHANIC (BC-11)

Water System Operations Division
Plant Operations Branch



Water:
Our most precious resource.

TRADES APPRENTICESHIP

PIPEFITTER

Field Operations Division

PLANT ELECTRICAL/ELECTRONIC EQUIPMENT REPAIRER (PEEER)

Water System Operations Division



*It takes more than pipes and pumps
to deliver water; it takes people.*

FLEET MECHANIC III (BC-11)

Water System Operations Division
Automotive Branch



Water:
Our most precious resource.





NEXT UP...

SAVE THE DATE

JANUARY 28, 2026

Neal Blaisdell Center Exhibition
Hall

Discover new opportunities!



ITEM FOR INFORMATION NO. 4

“December 15th, 2025

SCHEDULE
OF MONTHLY
BOARD
MEETINGS FOR
CALENDAR
YEAR 2026

Chair and Members
Board of Water Supply
City and County of Honolulu
Honolulu, Hawai'i 96843

Chair and Members:

Subject: Schedule of Monthly Board Meetings for Calendar
Year 2026

Attached for your information is the schedule of Board Meetings for
the calendar year 2026.

Respectfully Submitted,

/s/ ERNEST Y. W. LAU, P.E
Manager and Chief Engineer

Attachment”

The foregoing was for information only.

DISCUSSION:

Ernest Lau, Manager and Chief Engineer, Board of Water Supply, and
Nā'ālehu Anthony, Chair, gave the report. There were no comments or
discussion.

BOARD OF WATER SUPPLY
CITY AND COUNTY OF HONOLULU

2026 BOARD MEETING SCHEDULE

Board Meetings are scheduled for the fourth Monday of each month at 2:00 p.m. in the Public Service Building (PSB) Board Room unless otherwise noted.

January 26

February 23

March 23

April 27

May 4 – Annual Budget Workshop

May 26

June 22

July 27

August 24

September 28

October 26

November 23

December 14

ITEM FOR INFORMATION NO. 5

“December 15th, 2025

STATUS
UPDATE OF
GROUNDWATER
LEVELS AT
ALL INDEX
STATIONS

Chair and Members
Board of Water Supply
City and County of Honolulu
Honolulu, Hawai'i 96843

Chair and Members:

Subject: Status Update of Groundwater Levels at All Index Stations

Nine aquifer index stations were in low groundwater condition for the production month of October 2025. Beretania, Kalihi, Moanalua, Pearl City, Waipahu, Kaluanui, and Waialua are in Caution Status. Kaimukī and Punalu'u are in Alert Status. The monthly production average for October 2025 was 145.51 million gallons per day.

The Board of Water Supply rainfall index for the month of October 2025 was 53 percent of normal, with a 5-month moving average of 55 percent. As of November 11, 2025, the Hawai'i Drought Monitor shows abnormally dry conditions across most of O'ahu, grading to moderate drought conditions along all but portions of the northern and windward coasts, then to severe drought conditions along a small portion of the southeastern coast. The National Weather Service is forecasting above-normal precipitation beginning in November 2025, through March 2026.

Most monitoring wells exhibited slightly decreasing head levels for the month of October 2025. This likely reflects the lower rainfall over the past several months, combined with seasonal increased production. Average monthly production for October 2025 is slightly higher than October 2024 and the 5-year monthly average.

Respectfully Submitted,

/s/ ERNEST Y. W. LAU, P.E
Manager and Chief Engineer

Attachment”

The foregoing was for information only.

DISCUSSION:

Barry Usagawa, Program Administrator, Water Resources Division, gave the report.

Chair Anthony shared that he listened to an hour-long podcast in the University of Hawai'i (UH) Better Tomorrow Series featuring Climate Scientist Chip Fletcher, which discussed climate change and the challenges Hawai'i is facing. He encourages everyone to listen to the

podcast as it provides a ton of information. Chair Anthony also thanked Mr. Usagawa for providing the Board with monthly updates.

Mr. Usagawa stated that Mr. Chip Fletcher has been very instrumental to the BWS. He shared that Mr. Fletcher's sea level rise modeling has been very helpful to the BWS, and vice versa. The BWS has been working with Mr. Fletcher to expand the BWS's tidal groundwater well network around the island to understand water levels better, as the BWS's infrastructure is being immersed in saltwater.

**PRODUCTION, HEAD AND RAINFALL REPORT
MONTH OF OCTOBER 2025**

POTABLE

STATION	MGD
HONOLULU (1)	
KULIOUOU	0.06
WAILUPE	0.00
AINA KOA	0.00
AINA KOA II	0.00
MANOA II	0.95
PALOLO	1.48
KAIMUKI HIGH	2.57
KAIMUKI LOW	0.95
WILDER	8.92
BERETANIA HIGH	1.39
BERETANIA LOW	3.00
KALIHI HIGH	3.79
KALIHI LOW	2.63
KAPALAMA	0.46
KALIHI SHAFT	8.09
MOANALUA	2.48
HALAWA SHAFT	0.00
KAAMILO	0.00
KALAUAO	8.90
PUNANANI	11.69
KAAHUMANU	0.25
HECO WAIU	2.73
MANANA	0.25
WAIALAE IKI	0.56
WELLS SUBTOTAL:	61.15
MANOA TUNNEL	0.17
PALOLO TUNNEL	0.00
GRAVITY SUBTTL:	0.17
HONOLULU SUBTTL:	61.32

STATION	MGD
WINDWARD (2)	
WAIMANALO II	0.46
WAIMANALO III	0.00
KUOU I	1.23
KUOU II	0.67
KUOU III	0.69
LULUKU	0.66
HAIKU	0.28
IOLEKAA	0.00
KAHALUU	0.56
KAHANA	1.09
PUNALUU I	0.00
PUNALUU II	3.05
PUNALUU III	0.99
KALUANUI	1.28
MAAKUA	0.26
HAUULA	0.22
WELLS SUBTOTAL:	11.44
WAIM. TUNNELS I & II	0.00
WAIM. TUNNELS III&IV	0.22
WAIHEE INCL. WELLS	0.11
WAIHEE TUNNEL	4.27
LULUKU TUNNEL	0.29
HAIKU TUNNEL	0.32
KAHALUU TUNNEL	1.35
GRAVITY SUBTOTAL:	6.55
WIND. SUBTOTAL:	17.99

STATION	MGD
NORTH SHORE (3)	
KAHUKU	0.36
OPANA	1.00
WAIALEE I	0.47
WAIALEE II	0.00
HALEIWA	0.00
WAIALUA	1.70
N.SHORE SUBTOTAL:	3.53

MILILANI (4)	MGD
MILILANI I	3.44
MILILANI II	0.00
MILILANI III	0.66
MILILANI IV	0.54
MILILANI SUBTOTAL:	4.65

WAHIAWA (5)	MGD
WAHIAWA	1.29
WAHIAWA II	1.55
WAHIAWA SUBTOTAL:	2.84

PEARL CITY-HALAWA (6)	MGD
HALAWA 277	0.00
HALAWA 550	0.00
AIEA	0.00
AIEA GULCH 497	1.07
AIEA GULCH 550	0.24
KAONOHI I	1.96
WAIMALU I	0.00
NEWTOWN	1.99
WAIU	1.95
PEARL CITY I	0.82
PEARL CITY II	0.95
PEARL CITY III	0.23
PEARL CITY SHAFT	1.16
PEARL CITY-HALAWA SUBTOTAL:	10.35

STATION	MGD
WAIPAHU-EWA (7)	
WAIPIO HTS.	1.74
WAIPIO HTS. I	0.74
WAIPIO HTS. II	0.36
WAIPIO HTS. III	1.21
WAIPAHU	6.12
WAIPAHU II	2.80
WAIPAHU III	3.64
WAIPAHU IV	2.89
KUNIA I	6.25
KUNIA II	2.02
KUNIA III	1.45
HOAEAE	5.92
HONOULIULI I	0.00
HONOULIULI II	5.55
MAKAKILO	0.00
WAIPAHU-EWA SUBTOTAL:	40.70

WAIANAE (8)	MGD
MAKAHA I	0.72
MAKAHA II	0.00
MAKAHA III	0.31
MAKAHA V	0.16
MAKAHA VI	0.00
MAKAHA SHAFT	0.00
KAMAILE	0.00
WAIANAE I	0.00
WAIANAE II	0.09
WAIANAE III	1.28
WELLS SUBTOTAL:	2.56
WAI. C&C TUNNEL	1.40
WAI. PLANT. TUNNELS	0.16
GRAVITY SUBTOTAL:	1.56
WAIANAE SUBTOTAL:	4.12

NONPOTABLE

NONPOTABLE	MGD
KALAUAO SPRINGS	0.53
BARBERS POINT WELL	1.09
GLOVER TUNNEL NP	0.29
NONPOTABLE TOTAL:	1.91

RECYCLED WATER (SEPTEMBER 2025)

RECYCLED WATER	MGD
HONOULIULI WRF R-1	8.03
HONOULIULI WRF RO	1.52
RECYCLED TOTAL:	9.55

**PRODUCTION, HEAD AND RAINFALL REPORT
MONTH OF OCTOBER 2025**

PRODUCTION SUMMARIES

TOTAL WATER	MGD
PUMPAGE	137.23
GRAVITY	8.28
POTABLE TOTAL:	145.51
NONPOTABLE	1.91
RECYCLED WATER	9.55
TOTAL WATER:	156.97

CWRM PERMITTED USE AND BWS ASSESSED YIELDS FOR BWS POTABLE SOURCES				
WATER USE DISTRICTS	A	B	C	
	PERMITTED USE/ BWS YLDS	OCT 2025	DIFF. A-B	
1 HONOLULU	83.32	61.15	22.17	
2 WINDWARD	25.02	17.99	7.03	
3 NORTH SHORE	4.70	3.53	1.17	
4 MILILANI	7.53	4.65	2.88	
5 WAHIAWA	4.27	2.84	1.43	
6 PEARL CITY-HALAWA	12.25	10.35	1.90	
7 WAIPAHU-EWA	50.63	40.70	9.93	
8 WAIANAE	4.34	4.12	0.22	
TOTAL:	192.06	145.34	46.72	

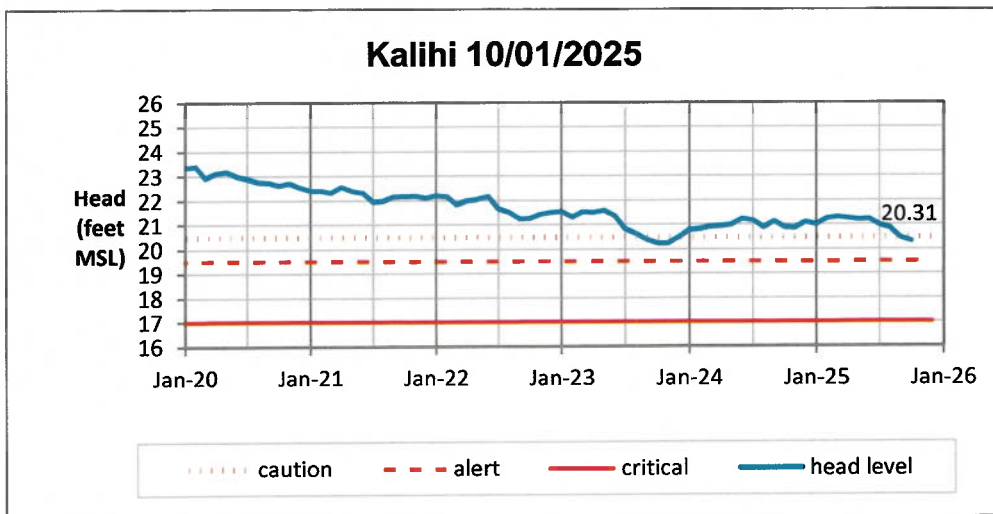
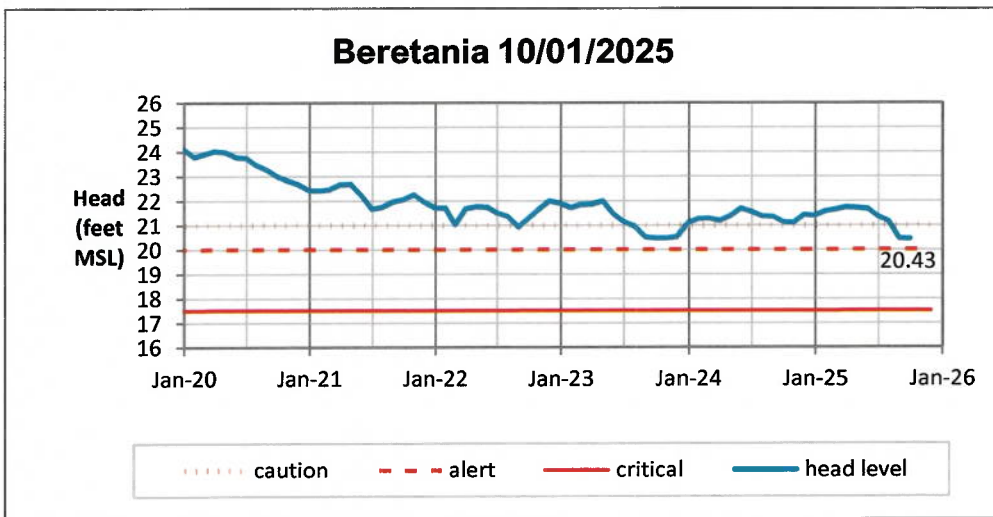
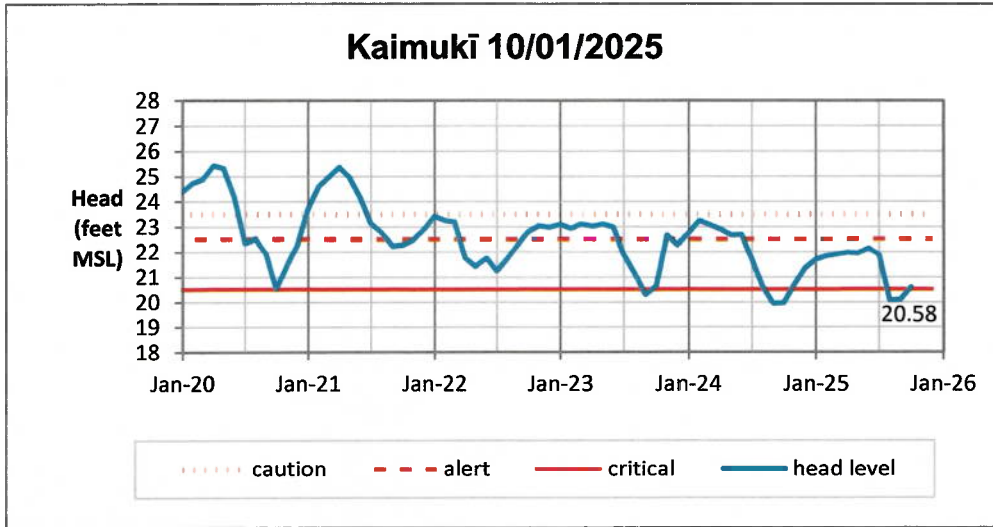
CWRM PERMITTED USE FOR BWS NONPOTABLE SOURCES				
WATER USE DISTRICTS	A	B	C	
	PERMITTED USE	OCT 2025	DIFF. A-B	
7 WAIPAHU-EWA (BARBERS POINT WELL)	1.00	1.09	-0.09	
TOTAL:	1.00	1.09	-0.09	

EFFECTIVE WATER DEMAND PER DISTRICT

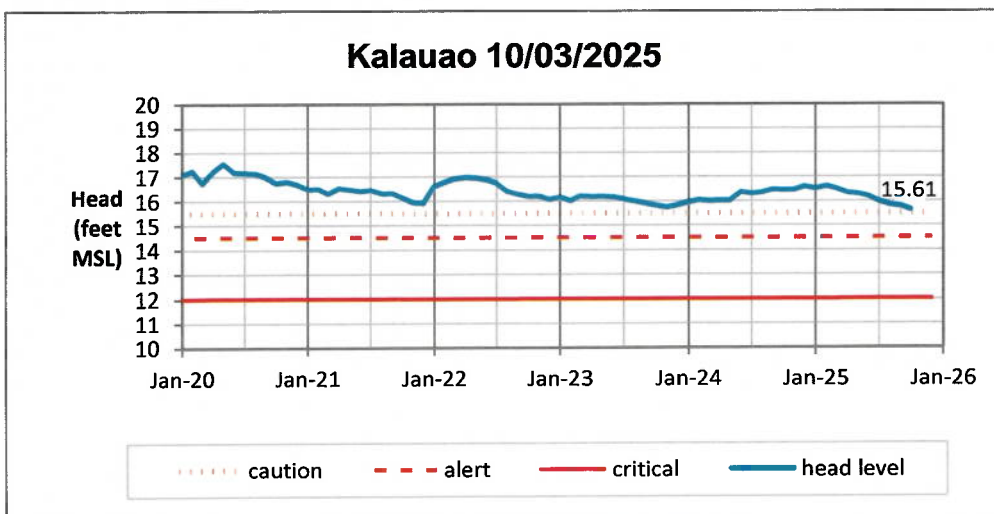
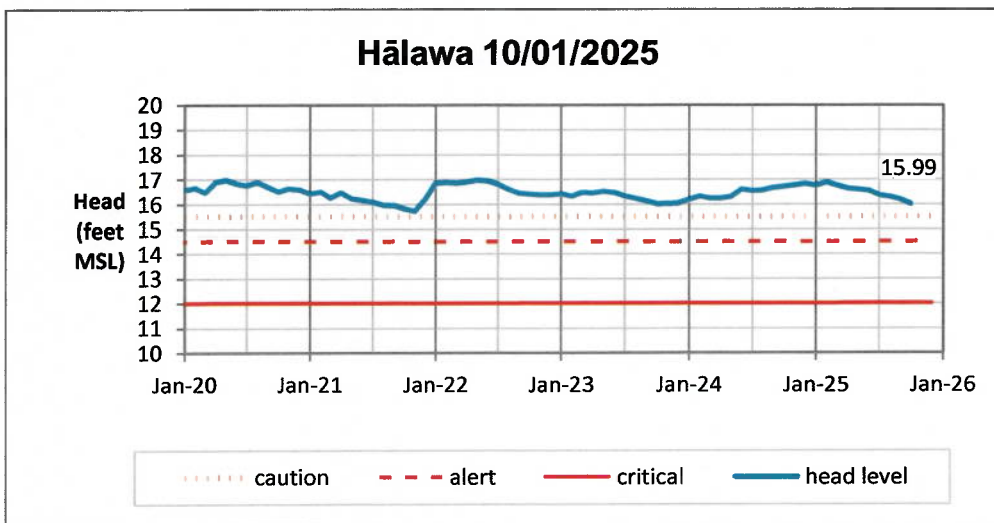
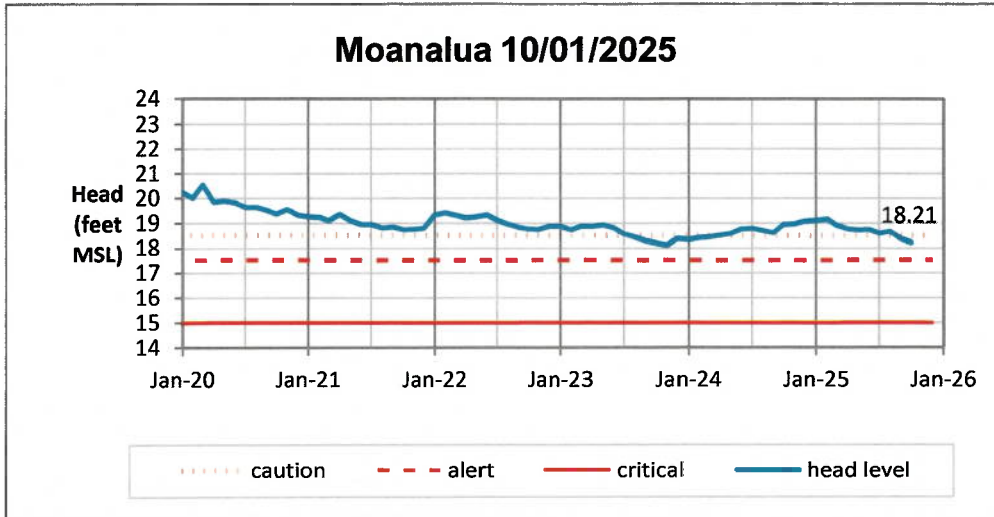
IMPORT/EXPORT BETWEEN WATER USE DISTRICTS			
FROM	TO		MGD
2	1	WINDWARD EXPORT	0.10
7	8	BARBERS PT LB	6.00

WATER USE DISTRICTS		SUBTOTAL	IMPORT	EXPORT	EFFECTIVE WATER DEMAND
1	HONOLULU	61.32	0.10	-	61.42
2	WINDWARD	17.99	-	0.10	17.89
3	NORTH SHORE	3.53	-	-	3.53
4	MILILANI	4.65	-	-	4.65
5	WAHIAWA	2.84	-	-	2.84
6	PEARL CITY-HALAWA	10.35	-	-	10.35
7	WAIPAHU-EWA	40.70	-	6.00	34.71
8	WAIANAE	4.12	6.00	-	10.12
TOTAL:		145.51	6.10	6.10	145.51

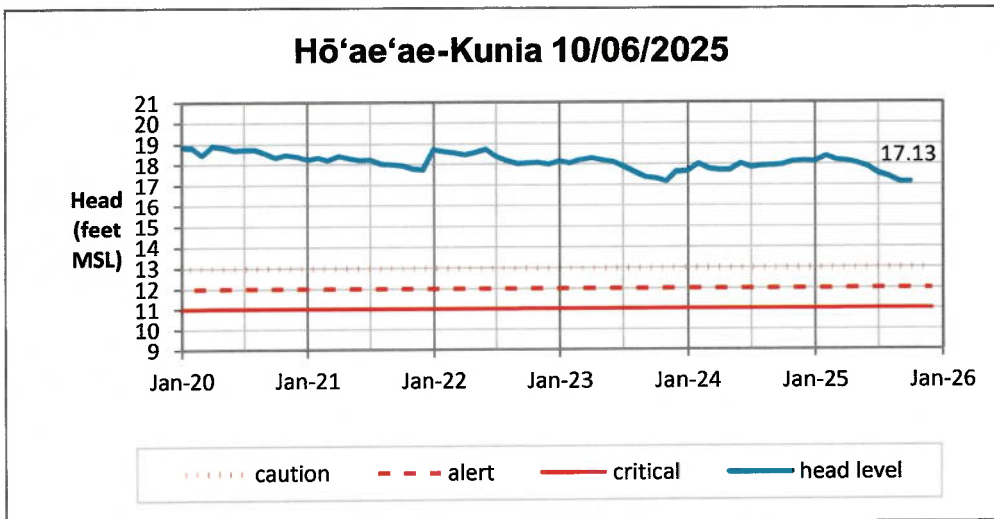
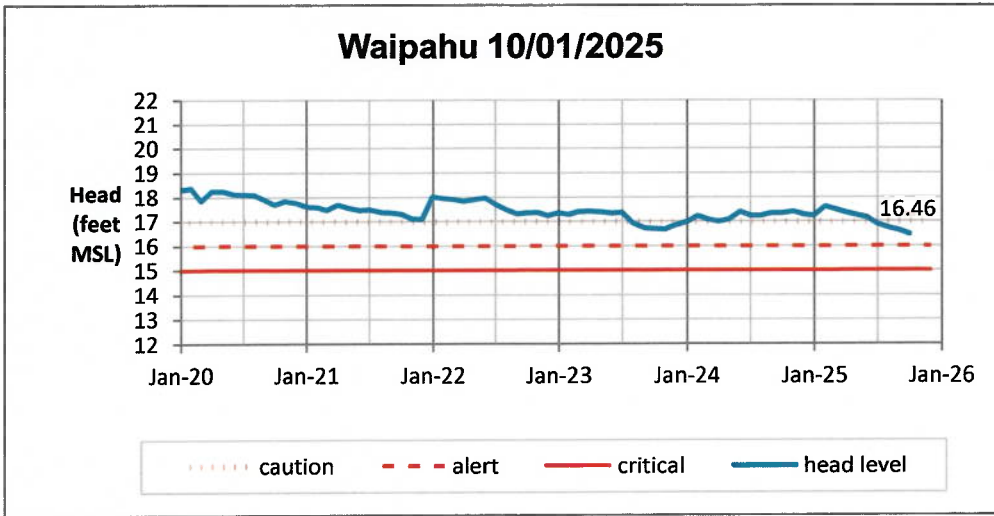
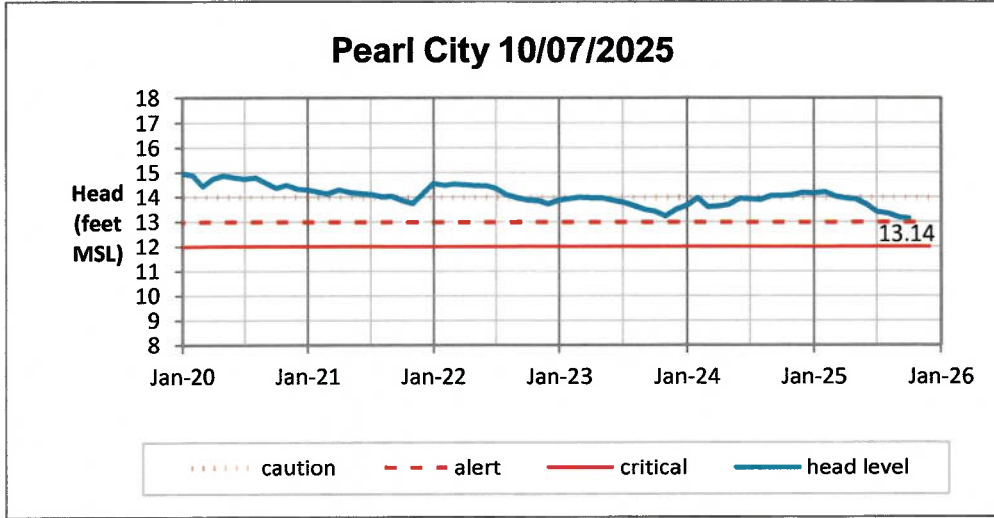
Head Report



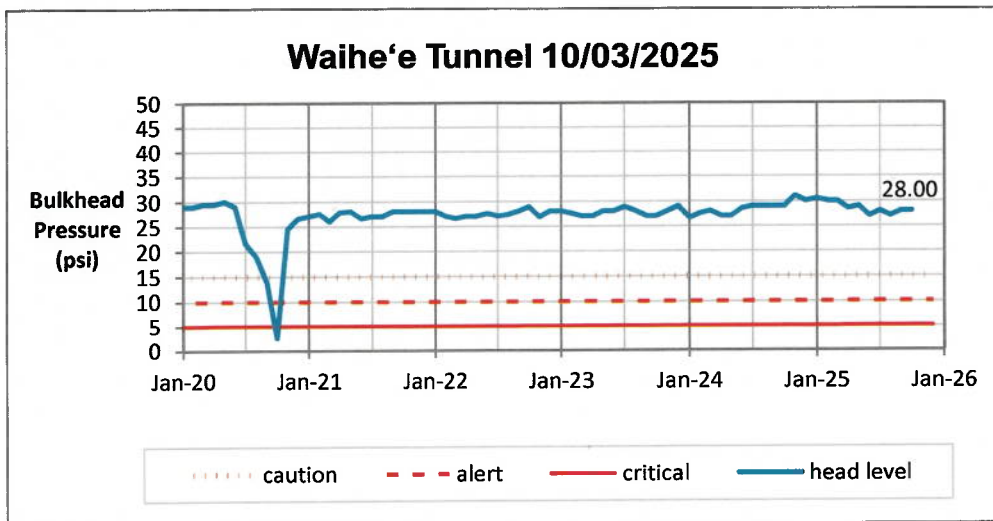
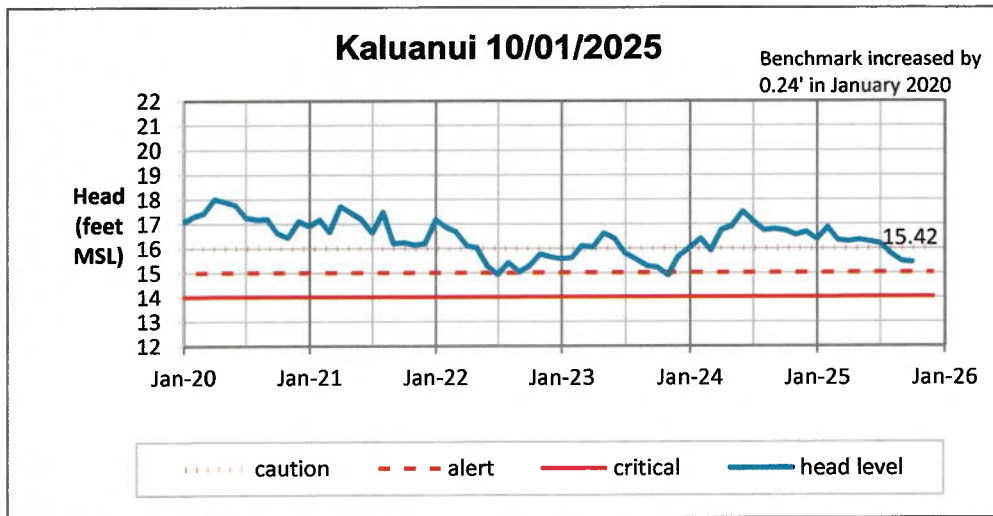
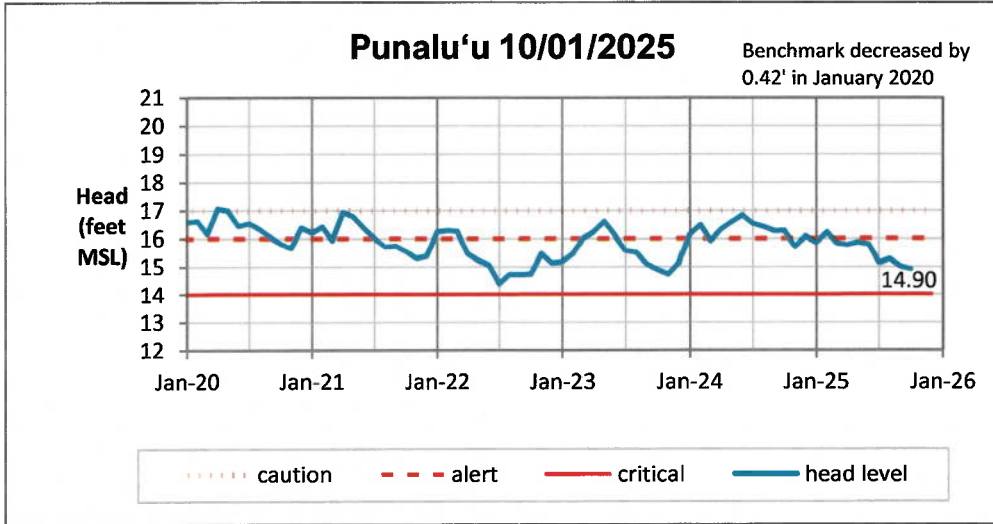
Head Report



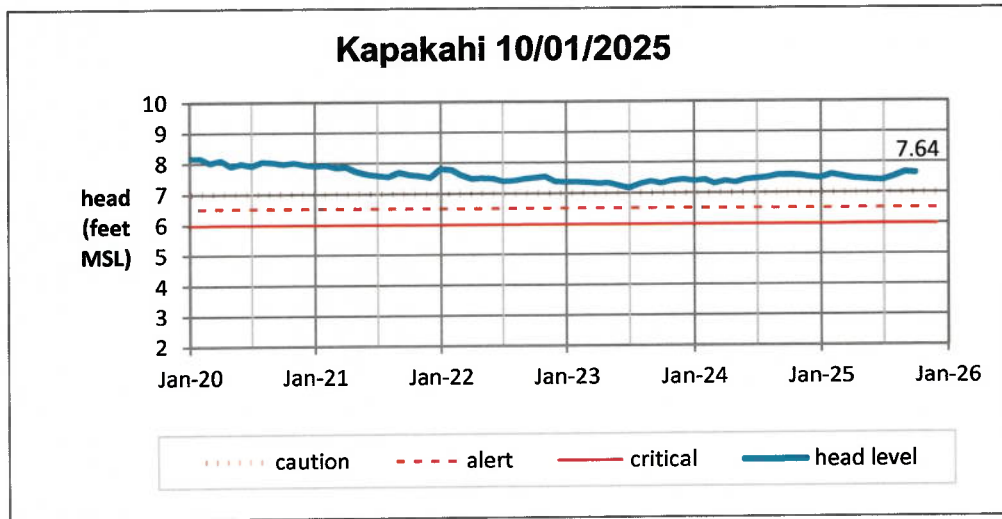
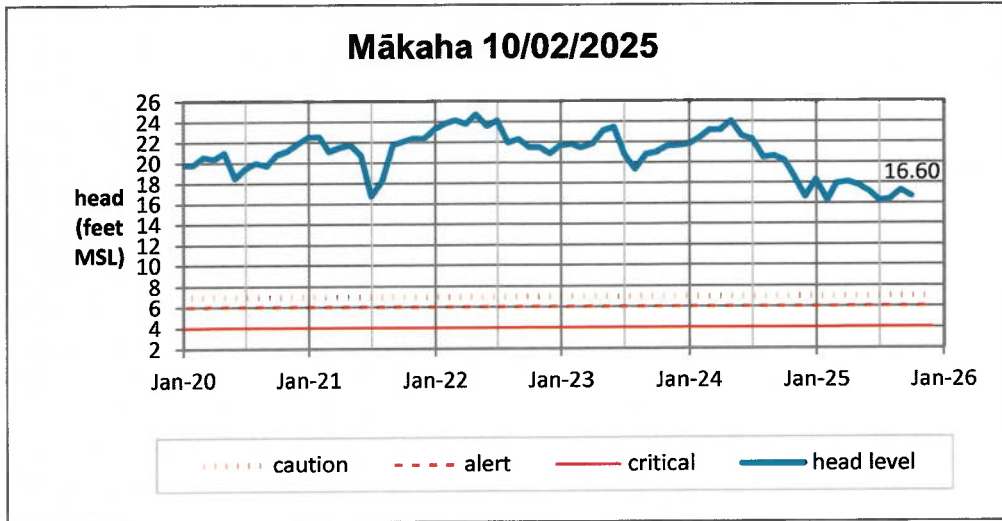
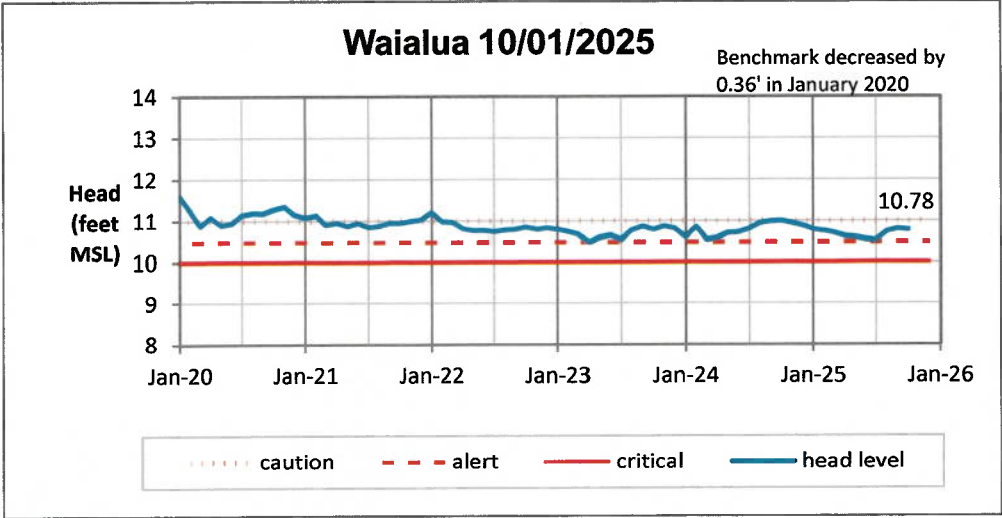
Head Report

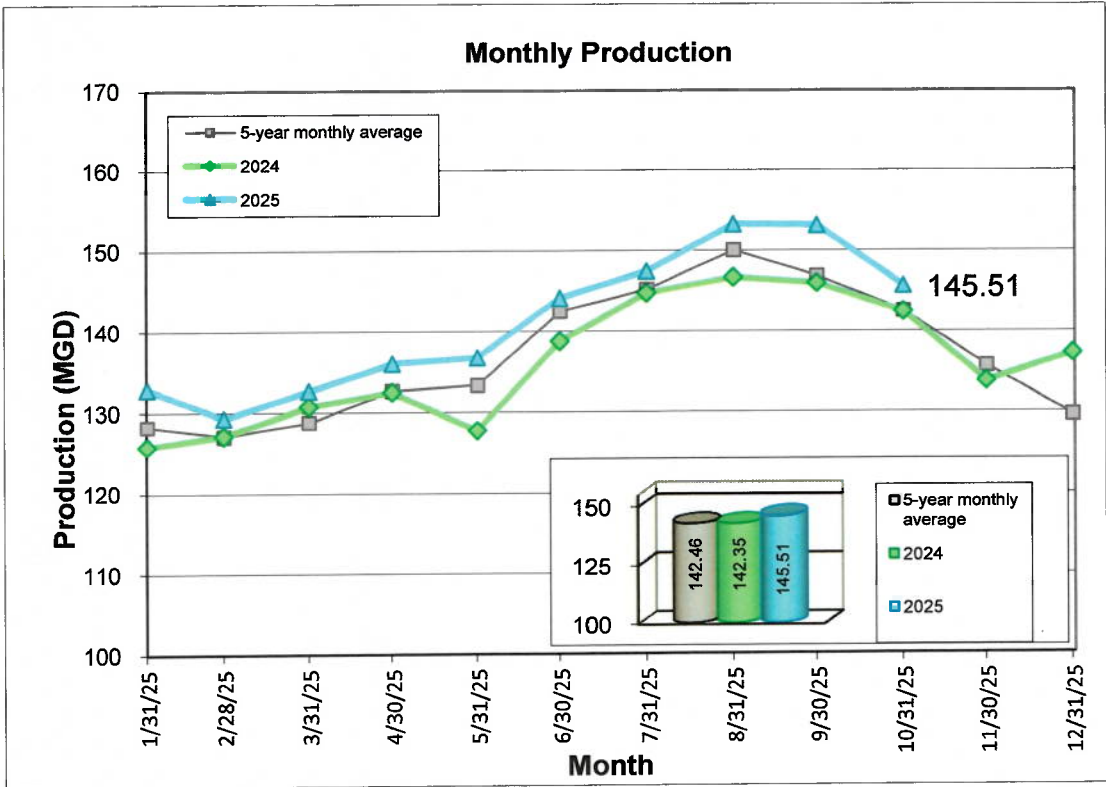
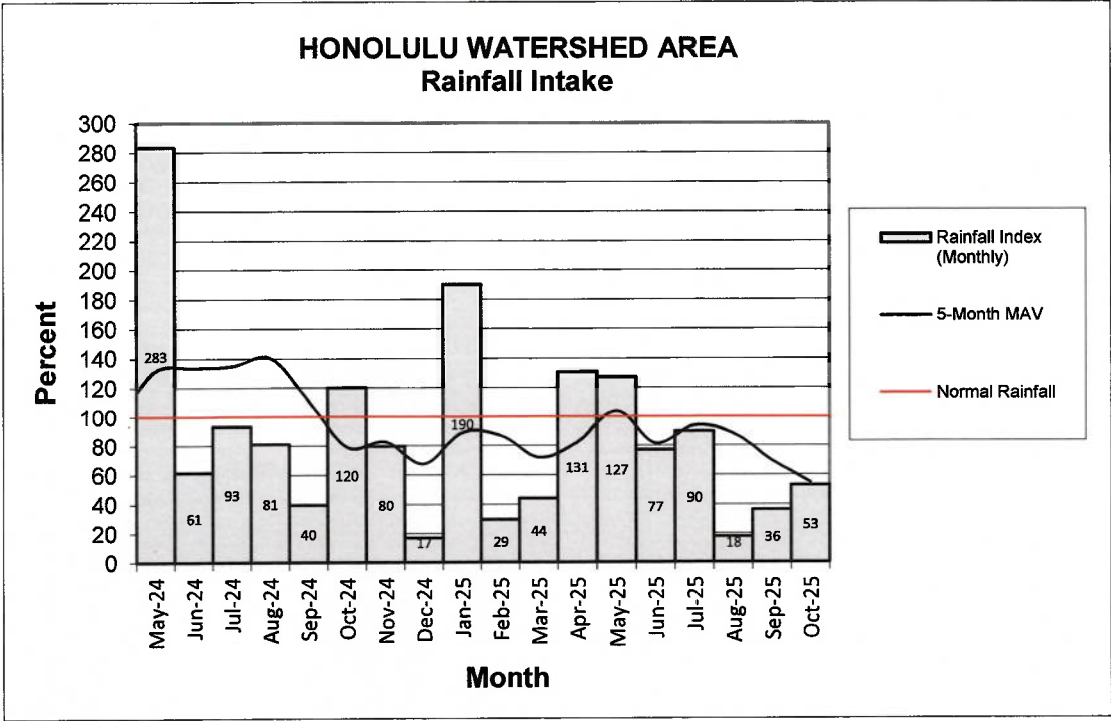


Head Report



Head Report





Hawaii

[Home](#) / [Hawaii](#)

Map released: Thurs. November 13, 2025

Data valid: November 11, 2025 at 7 a.m. EST

Intensity

- None
- D0 (Abnormally Dry)
- D1 (Moderate Drought)
- D2 (Severe Drought)
- D3 (Extreme Drought)
- D4 (Exceptional Drought)
- No Data

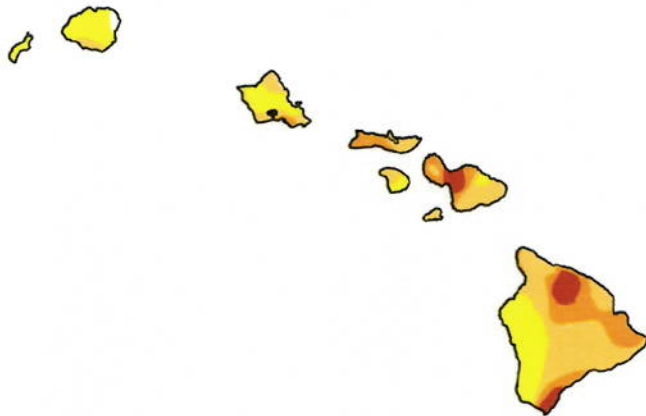
Authors

United States and Puerto Rico Author(s):

[Curtis Riganti](#), National Drought Mitigation Center

Pacific Islands and Virgin Islands Author(s):

[Lindsay Johnson](#), National Drought Mitigation Center



ITEM FOR INFORMATION NO. 6

“December 15th, 2025

WATER MAIN
REPAIR
REPORT FOR
OCTOBER AND
NOVEMBER 2025

Chair and Members
Board of Water Supply
City and County of Honolulu
Honolulu, Hawai'i 96843

Chair and Members:

Subject: Water Main Repair Report for October and
November 2025

Daniel Lee, Acting Assistant Program Administrator, Field Operations
Division, will report on water main repair work for the month of October
and November 2025.

Respectfully submitted,

/s/ ERNEST Y. W. LAU, P.E
Manager and Chief Engineer

Attachment”

The foregoing was for information only.

DISCUSSION:

Daniel Lee, Acting Assistant Program Administrator, Field Operations
Division, gave the report.

Chair Anthony referred to the picture and inquired about the yellow ring
surrounding the pipe.

Mr. Daniel Lee responded that the yellow ring is a transmission repair
coupling. He explained that when a repair is made to connect a cast iron
pipe and a ductile iron pipe, the diameters differ. Therefore, a coupling will
allow the repair to connect two pipes of different sizes. Mr. Lee shared
that the coupling during a previous repair blew off the top of the water main
and into the trench wall.

Chair Anthony asked when the repair to the coupling was done.

Mr. Lee replied that the previous coupling repair was still good; however,
the original cast iron broke.

Chair Anthony inquired whether cast iron or ductile iron is stronger.

Mr. Lee responded that ductile iron is made of upgraded materials.

Manager Lau stated that the damaged cast iron pipe was installed in 1928
and was not the oldest in the BWS water system.



Mr. Lee also shared that the original box for excavation, sitting on the red truck to the left, needed to be exchanged because, after removing the boulders, the work area dynamics changed.

Chair Anthony asked how many days it took to complete the job.

Mr. Lee replied that the job began in the afternoon of October 21 and was completed in the evening of October 22.

Chair Anthony asked whether the work would continue 24 hours a day until the job is done.

Mr. Lee responded that the BWS crews rotate until the job is completed.

Manager Lau mentioned the uneven roadway due to the force and pressure of water.

Chair Anthony commented that the water was trying to find a way out. He inquired if the BWS handles its own repaving.

Mr. Lee stated that the BWS assessed the damage and, through emergency procurement, had contractors repave the affected area.

Mr. Usagawa mentioned the scheduled pipeline replacement.

Manager Lau shared that Dole Street has had approximately three or four breaks since he has been at the BWS. Therefore, the BWS is working on a design to replace the 1928 water line, which is connected to a high service transmission system at the top of the reservoir, 450 feet above sea level. He referred back to the picture and stated that the pipe to the left is part of the low service transmission system, with the reservoir top at 180 feet above sea level. Manager Lau explained that the higher reservoirs serve customers between 80 and 300 feet above sea level, from Kalihi to Kaimuki. Therefore, the break may have affected some areas of Kaimuki and Palolo.

Mr. Lee shared that some Kaimuki and Palolo customers experienced low water pressure until the break was isolated, and that this stabilized the system.

Manager Lau expressed his appreciation for the Field Operations (FO) Division and, from behind the scenes, the Water Systems Operations (WSO) Division. The WSO Division managed to place a diesel or gas-powered pump to send water to higher service customers in Saint Louis.

Mr. Lee commented that the WSO works alongside the FO when there is a main break.

Chair Anthony thanked everyone involved.

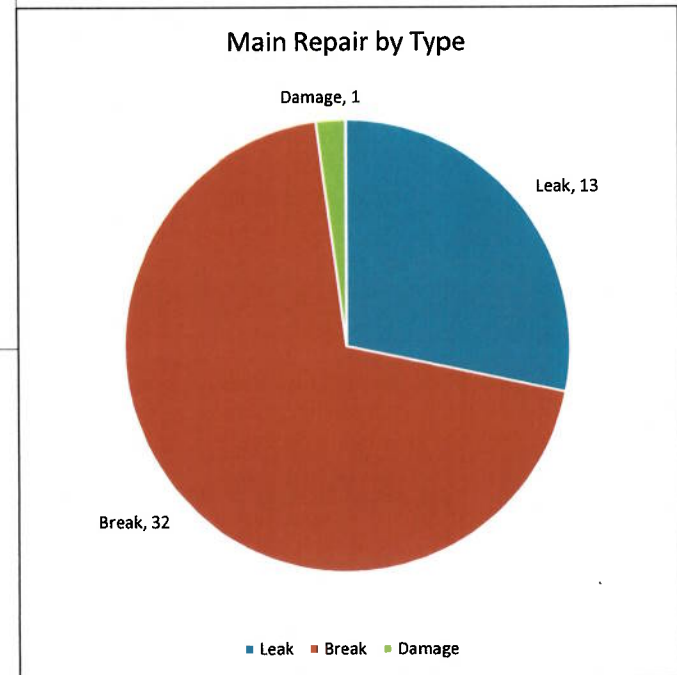
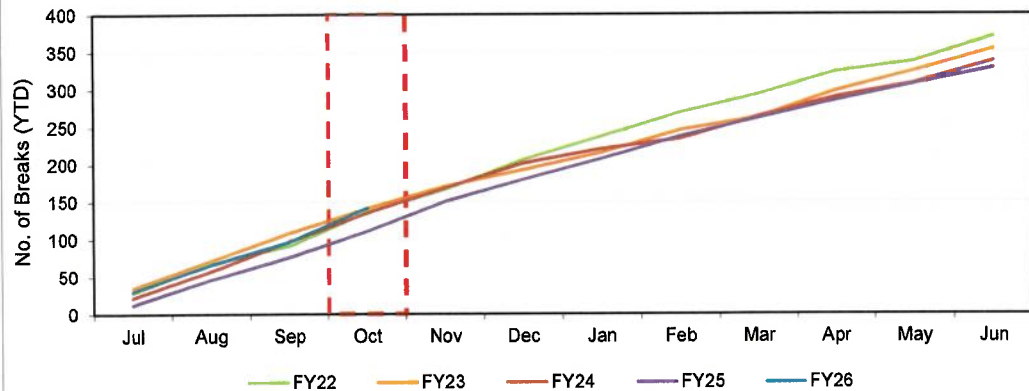
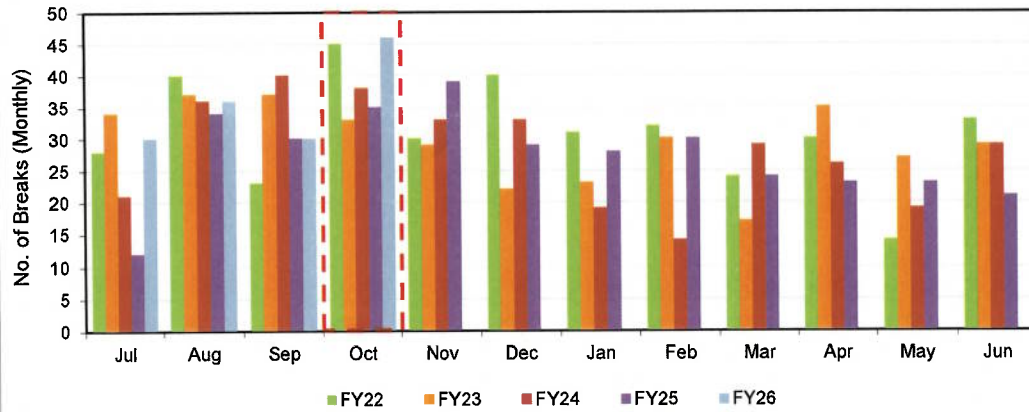
**WATER MAIN REPAIR REPORT
for October 2025**

Monthly Main Breaks

FY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
2026	30	36	30	46	0	0	0	0	0	0	0	0	142
2025	12	34	30	35	39	29	28	30	24	23	23	21	328
2024	21	36	40	38	33	33	19	14	29	26	19	29	337
2023	34	37	37	33	29	22	23	30	17	35	27	29	353
2022	28	40	23	45	30	40	31	32	24	30	14	33	370

Main Repair by Type

Type	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
Leak	12	15	11	13	0	0	0	0	0	0	0	0	51
Break	17	20	17	32	0	0	0	0	0	0	0	0	86
Damage	1	1	2	1	0	0	0	0	0	0	0	0	5
Total	30	36	30	46	0	0	0	0	0	0	0	0	142



Date	Address	Size (In)	Pipe Type	Date	Address	Size (In)	Pipe Type
10/1/2025	94-345 Waipahu St, Waipahu	36	CC	10/20/2025	1260 Iwaena St, Aiea	16	AC
10/2/2025	1355B Keolu Dr, Kailua	8	CI	10/20/2025	2109 Makiki Heights Dr, Honolulu	8	CI
10/2/2025	2123 Alaaloa Pl, Honolulu	8	CI	10/21/2025	2109 Makiki Heights Dr, Honolulu	8	CI
10/2/2025	1240 Alani St, Honolulu	8	CI	10/21/2025	3106 Monsarrat Ave, Honolulu	6	CI
10/6/2025	45-592 Paleka Rd, Kaneohe	16	CI	10/21/2025	2820 Dole St, Honolulu	20	CI
10/7/2025	380 Kuliouou Rd, Honolulu	8	CI	10/22/2025	2119 N King St, Honolulu	12	CI
10/8/2025	110 Lakeview Cir, Wahiawa	6	CI	10/22/2025	2859 Pahoehoe Pl, Honolulu	6	CI
10/8/2025	41-1504 Lukanela St, Waimanalo	6	CI	10/23/2025	92-859 Wainohia St, Kapolei	8	CI
10/8/2025	92-889 Kohupono St, Kapolei	8	CI	10/23/2025	92-837 Wainohia St, Kapolei	8	CI
10/8/2025	99-754 Aliipoe Dr, Aiea	8	CI	10/23/2025	92-889 Kohupono St, Kapolei	8	CI
10/8/2025	99-729 Aliipoe Dr, Aiea	8	CI	10/24/2025	2859 Pahoehoe Pl, Honolulu	6	CI
10/9/2025	Waialua Beach Rd + Kuoha St, Waialua	8	CI	10/25/2025	717 N Vineyard Blvd, Honolulu	12	CI
10/9/2025	99-528 Paihi St, Aiea	8	CI	10/27/2025	1342 Akahai St, Kailua	8	CI
10/10/2025	820 California Ave, Wahiawa	12	CI	10/28/2025	58-134 Mamao St, Haleiwa	6	CI
10/10/2025	955 Ala Kapua St, Honolulu	8	CI	10/28/2025	98-483 Hoomailani St, Pearl City	8	CI
10/11/2025	3330 Ala Ilima St, Honolulu	12	CI	10/29/2025	53-314 Kamehameha Hwy, Hauula	12	AC
10/13/2025	2188 Okoa St, Honolulu	8	DI	10/30/2025	2581 Alaula Wy, Honolulu	6	CI
10/13/2025	98-138 Kalike Pl, Aiea	6	CI	10/30/2025	3106 Monsarrat Ave, Honolulu	6	CI
10/13/2025	45-116 Namoku St, Kaneohe	8	CI	10/30/2025	2724 Dow St, Honolulu	6	CI
10/14/2025	2200 Hikino St, Honolulu	8	DI				
10/14/2025	2345 Maunalaha Rd, Honolulu	4	GALV				
10/14/2025	98-891 Iho Pl, Aiea	12	CI				
10/15/2025	2091 Round Top Dr, Honolulu	8	CI				
10/17/2025	3708 Nuuanu Pali Dr, Honolulu	6	CI				
10/17/2025	2258 Amokemoke St, Pearl City	8	CI				
10/17/2025	2357 Maunalaha Rd Unit C, Honolulu	4	GALV				
10/18/2025	3763 Noeau St, Honolulu	8	PVC				

LEAK DETECTION for October 2025

POIs Investigated

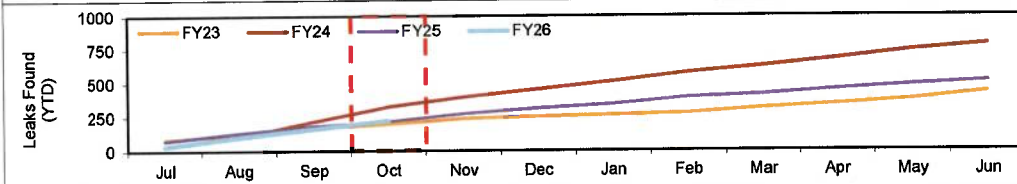
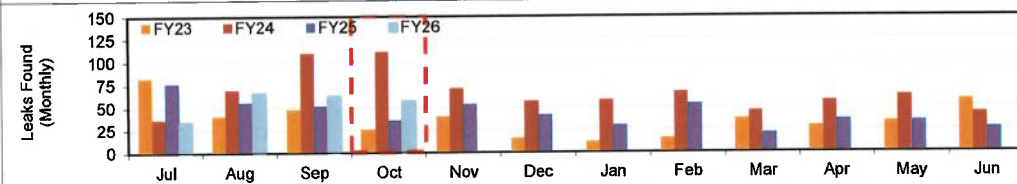
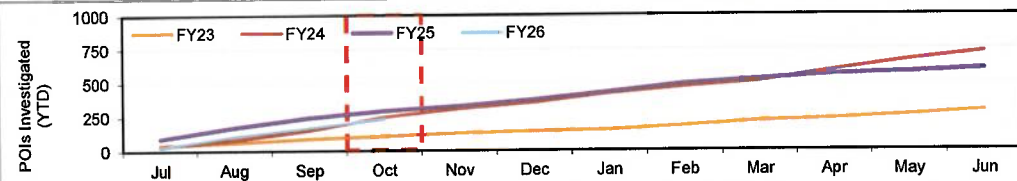
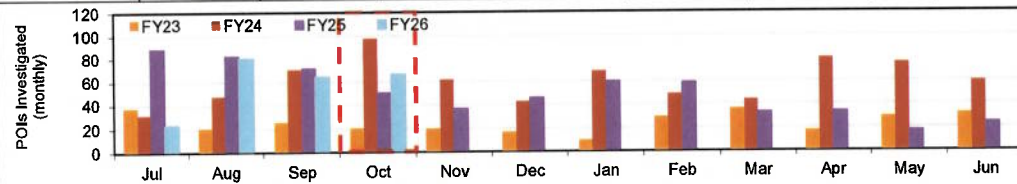
FY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
2026	23	80	64	66	0	0	0	0	0	0	0	0	233
2025	88	82	71	50	36	45	59	58	32	33	17	23	594
2024	31	47	70	97	61	42	68	48	43	79	75	59	720
2023	37	20	25	20	19	16	9	28	35	17	28	31	285

Leaks Found

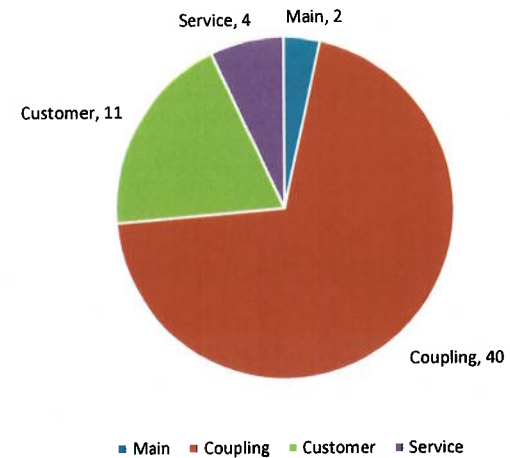
FY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
2026	34	66	63	57	0	0	0	0	0	0	0	0	220
2025	76	55	51	35	53	41	29	53	20	35	34	26	508
2024	36	69	109	111	70	56	57	66	45	56	62	43	780
2023	82	40	47	25	39	15	11	15	36	28	33	57	428

Satellite Leak by Type

Type	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
Main	2	3	6	2	0	0	0	0	0	0	0	0	13
Coupling	19	49	38	40	0	0	0	0	0	0	0	0	146
Customer	5	11	14	11	0	0	0	0	0	0	0	0	41
Service	8	3	5	4	0	0	0	0	0	0	0	0	20
Total	34	66	63	57	0	0	0	0	0	0	0	0	220



Satellite Leak by Type





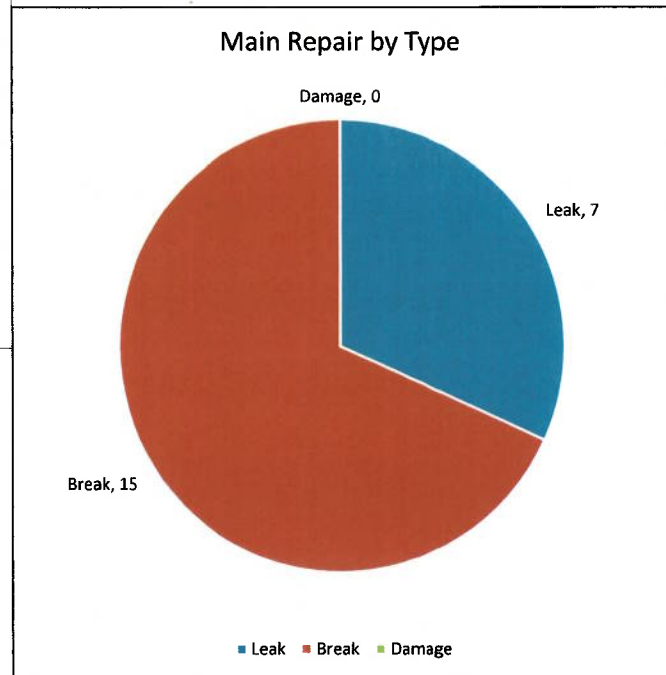
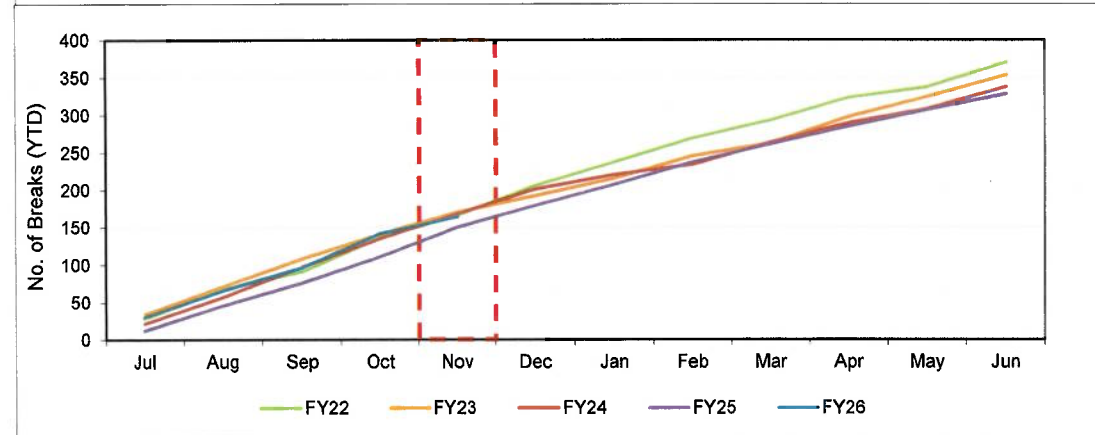
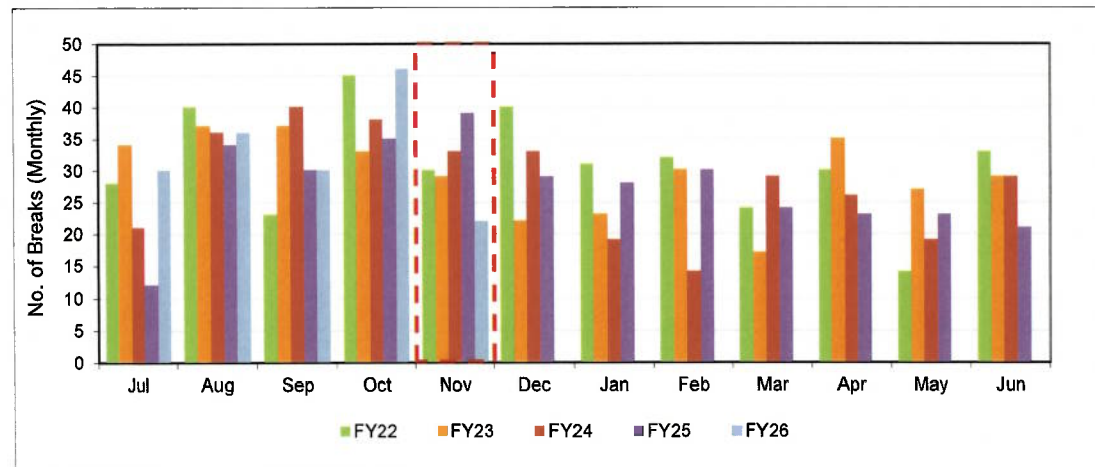
**WATER MAIN REPAIR REPORT
for November 2025**

Monthly Main Breaks

FY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
2026	30	36	30	46	22	0	0	0	0	0	0	0	164
2025	12	34	30	35	39	29	28	30	24	23	23	21	328
2024	21	36	40	38	33	33	19	14	29	26	19	29	337
2023	34	37	37	33	29	22	23	30	17	35	27	29	353
2022	28	40	23	45	30	40	31	32	24	30	14	33	370

Main Repair by Type

Type	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
Leak	12	15	11	13	7	0	0	0	0	0	0	0	58
Break	17	20	17	32	15	0	0	0	0	0	0	0	101
Damage	1	1	2	1	0	0	0	0	0	0	0	0	5
Total	30	36	30	46	22	0	0	0	0	0	0	0	164



Date	Address	Size (In)	Pipe Type	Date	Address	Size (In)	Pipe Type
11/2/2025	1328 Ridge Ave, Wahiawa	6	CI				
11/3/2025	5637 Haleola St, Honolulu	8	CI				
11/5/2025	94-846 Penakii Wy, Waipahu	8	AC				
11/5/2025	98-116 Kaliike Pl, Aiea	6	CI				
11/6/2025	98-127 Kaliike Pl, Aiea	6	CI				
11/7/2025	45-551 Paleka Rd, Kaneohe	16	CI				
11/7/2025	3650A Waaloa Pl, Honolulu	4	CI				
11/8/2025	2271 Auhuhu St, Pearl City	8	CI				
11/9/2025	841 17th Ave, Honolulu	4	GALV				
11/10/2025	1818 Kumakani Pl, Honolulu	4	CI				
11/11/2025	99-534 Aiea Heights Dr, Aiea	8	CI				
11/13/2025	94-159 Waikele Rd, Waipahu	8	CI				
11/14/2025	1052 Ulupono St, Honolulu	16	PVC				
11/15/2025	632 Ekekela Pl, Honolulu	8	CI				
11/20/2025	2206 Apaakuma St, Pearl City	8	CI				
11/20/2025	35 S Kalaheo Ave, Kailua	8	DI				
11/21/2025	91-560 Aikanaka Rd, Ewa Beach	8	CI				
11/21/2025	809 Kiaala Pl, Honolulu	4	DI				
11/22/2025	936 Kaipii St, Kailua	8	CI				
11/26/2025	601 Wailepo St, Kailua	8	CI				
11/29/2025	474 Hao St, Honolulu	8	CI				
11/29/2025	46-043 Puulau Pl, Kaneohe	4	CI				

LEAK DETECTION for November 2025

POIs Investigated

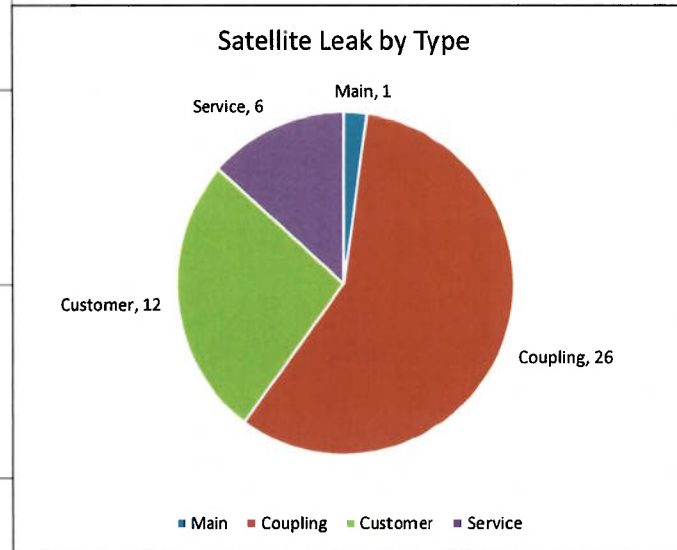
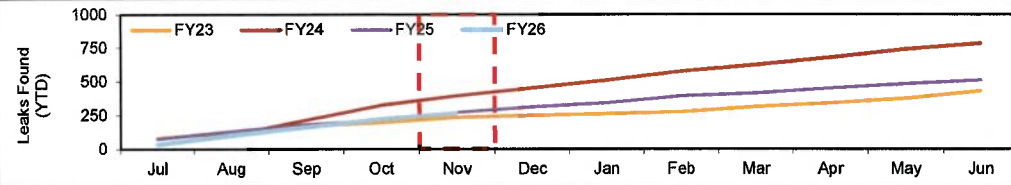
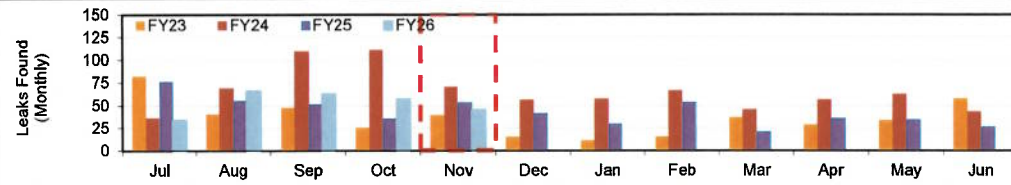
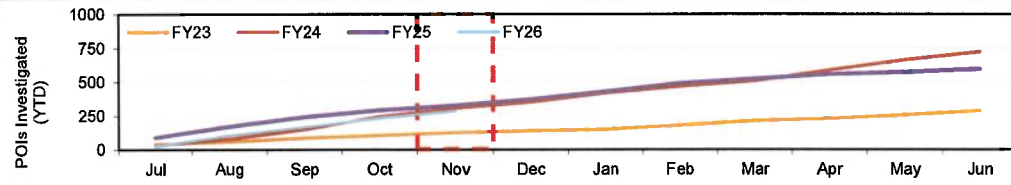
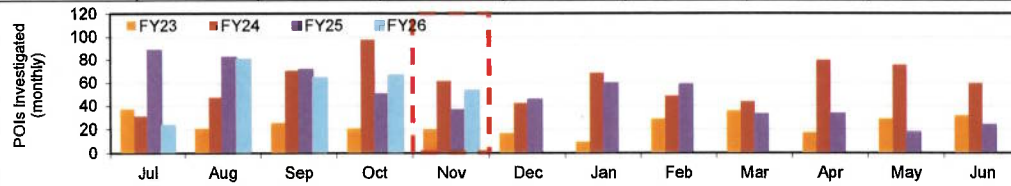
FY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
2026	23	80	64	66	53	0	0	0	0	0	0	0	286
2025	88	82	71	50	36	45	59	58	32	33	17	23	594
2024	31	47	70	97	61	42	68	48	43	79	75	59	720
2023	37	20	25	20	19	16	9	28	35	17	28	31	285

Leaks Found

FY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
2026	34	66	63	57	45	0	0	0	0	0	0	0	265
2025	76	55	51	35	53	41	29	53	20	35	34	26	508
2024	36	69	109	111	70	56	57	66	45	56	62	43	780
2023	82	40	47	25	39	15	11	15	36	28	33	57	428

Satellite Leak by Type

Type	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
Main	2	3	6	2	1	0	0	0	0	0	0	0	14
Coupling	19	49	38	40	26	0	0	0	0	0	0	0	172
Customer	5	11	14	11	12	0	0	0	0	0	0	0	53
Service	8	3	5	4	6	0	0	0	0	0	0	0	26
Total	34	66	63	57	45	0	0	0	0	0	0	0	265




MOTION TO
ADJOURN

There being no further business, Chair Anthony, at 3:45 PM, called for a motion to adjourn the Regular Session. Jonathan Kaneshiro so moved, seconded by Lance Wilhelm, and unanimously carried.

The minutes of the Regular Meeting held on December 15, 2025, are respectfully submitted,


JOY CRUZ-ACHIU

APPROVED:


NĀ'ĀLEHU ANTHONY
Chair of the Board
FEB 23 2026
Date

THE MINUTES OF THE REGULAR MEETING HELD ON DECEMBER 15, 2025, WERE APPROVED AT THE FEBRUARY 23, 2026, BOARD MEETING			
	AYE	NO	COMMENT
NĀ'ĀLEHU ANTHONY	X		
JONATHAN KANESHIRO	X		
LANCE WILHELM	X		
JEFFREY LAUPOLA	X		
EDWIN H. SNIFFEN			ABSENT
GENE C. ALBANO	X		