

**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
BRYAN P. ANDAYA
LANCE WILHELM
KĒHAULANI PU'U
EDWIN H. SNIFFEN, Ex-Officio
GENE C. ALBANO, P.E., Ex-Officio

March 18, 2025

NOTICE

The Board of Water Supply, City and County of Honolulu, Regular Meeting will be held on Monday, March 24, 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, March 24, 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, March 21, 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, March 24, 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 March 24, 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 February 24, 2025
2. Adoption of Resolution No. 996, 2025, Acceptance of Gifts to the Board of Water Supply from Hawaiian Earth Recycling, LLC in Support of 2025 Annual Hālawā Xeriscape Garden Unthirsty Plant Sale
3. Adoption of Resolution No. 997, 2025, Acceptance of Gift to the Board of Water Supply from Hardware Hawai'i (HH Holdings, Inc.) for Detect-A-Leak Week

ITEMS FOR INFORMATION

1. Update on the Board of Water Supply's Response to the Potential Impacts of the Red Hill Fuel Contamination
2. Status Update of Groundwater Levels at All Index Stations
3. Water Main Repair Report for February 2025

EXECUTIVE SESSION

1. Approval of the Minutes of the Executive Session Meeting Held on February 24, 2025
2. To Consult with the Board's Attorney on Questions and Issues Pertaining to the Board of Water Supply's Proposed Settlement of Claim #24-018, Relating to Property Damages at 7143 Makaa Street, Honolulu, Hawai'i Following an 8" Cast Iron Main Break at 7146 Makaa Street, Honolulu, Hawai'i on September 17, 2023 [HRS §92-5(a)(4)]

MINUTES

To watch the recording of this meeting, please click on the following link:
<https://vimeo.com/bwshonolulu/mar-24-2025>. Closed captioning is available.

THE REGULAR MEETING OF THE BOARD OF WATER SUPPLY

March 24, 2025

At 2:01 PM on March 24, 2025, in the Public Service Building Board Room at 630 South Beretania Street, Honolulu, Hawai'i, Board Chair Nā'ālehu Anthony called to order the Regular Meeting.

Present: Nā'ālehu Anthony, Chair
Jonathan Kaneshiro, Vice Chair
Bryan P. Andaya, Board Member
Lance Wilhelm, Board Member
Gene Albano, Ex-Officio via Zoom

Also Present: Ernest Lau, Manager and Chief Engineer
Erwin Kawata, Deputy Manager
Patrick Chun, Acting Program Administrator,
Capital Projects Division
Jennifer Elflein, Program Administrator,
Customer Care Division via Vimeo
Kathleen Elliott-Pahinui, Information Officer,
Communications Office
Raelynn Nakabayashi, Executive Assistant I,
Executive Support Office
Wayne Tello, Acting Program Administrator,
Field Operations Division
Kaliko Lum Kee, Assistant Program Administrator,
Finance Division
Michele Thomas, Executive Assistant I,
Human Resources Office via Vimeo
Henderson Nuuhiwa, Program Administrator,
Information Technology Division
via Vimeo
Michael Matsuo, Land Administrator, Land Division
Barry Usagawa, Program Administrator,
Water Resources Division
Pekelo Martin, Acting Program Administrator,
Water System Operations Division
Joyce Lin, Civil Engineer IV, Office of the Manager
and Chief Engineer
Steven Norstrom, Information Specialist II,
Communications Office
Kimberly Kuwaye, Manager Secretary
Joy Cruz-Achui, Board Secretary

Kathy Mitchell, Administrative Services Officer
via Vimeo
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: Jeff Lau, Deputy Corporation Counsel
via Zoom
Jessica Wong, Deputy Corporation Counsel
via Zoom

Absent: Kēhaulani Pu'u, Board Member
Edwin H. 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 'ōlelo no'eau e kālele ana i ke ko'iko'i o ka wai.

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 short Hawaiian Proverb that helps us remember the importance of fresh water and land.

'Ōlelo #991: Hiki mai ka malie, a hiki mai no ka 'ino.

Chair Anthony translated 'ōlelo 991: **Good weather comes, and bad weather comes, too. Weather changes.**

Chair Anthony welcomed everyone to the March 24, 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 up responding.

Board Member Bryan Andaya joined via Zoom and responded aye, and disclose that he was alone at his location; Board Member Gene Albano joined via Zoom, responded aye, and disclosed that he was alone at his location; Vice Chair Jonathan Kaneshiro responded here and was present in the Board room; Board Member Lance Wilhelm responded e'o and was present in the Board room; and Chair Anthony was present in the Boardroom. Board Members Kēhaulani Pu'u and Edwin Sniffen were 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, and Information Specialist II Wayne Maria. Deputy Jeff Lau and Deputy Jessica Wong joined via Zoom from the City and County Corporation Counsel.

REGULAR MEETING

APPROVAL OF MINUTES

Approval of the Minutes of the Regular Meeting Held on February 24, 2025.

MOTION TO APPROVE

Jonathan Kaneshiro and Gene Albano motioned and seconded, respectively, to approve the Minutes of the Regular Meeting Held on February 24, 2025.

Ms. Cruz-Achui conducted a roll call: Vice Chair Jonathan Kaneshiro, aye; Board Member Bryan Andaya, abstain; Board Member Lance Wilhelm, aye; 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 Members Kēhaulani Pu'u and Edwin Sniffen were absent.

THE MINUTES OF THE REGULAR MEETING HELD ON FEBRUARY 24, 2025, WERE APPROVED AT THE MARCH 24, 2025. BOARD MEETING			
	AYE	NO	COMMENT
NĀ'ĀLEHU ANTHONY	X		
JONATHAN KANESHIRO	X		
BRYAN P. ANDAYA			ABSTAIN
LANCE WILHELM	X		
KĒHAULANI PU'U			ABSENT
EDWIN H. SNIFFEN			ABSENT
GENE C. ALBANO	X		

"March 24, 2025

ADOPTION OF
RESOLUTION
NO. 996, 2025,
ACCEPTANCE
OF GIFTS TO
THE BOARD OF
WATER SUPPLY
FROM
HAWAIIAN
EARTH
RECYCLING, LLC
IN SUPPORT OF
THE 2025
ANNUAL
HĀLAWA
XERISCAPE
GARDEN
UNTHIRSTY
PLANT SALE

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

Chair and Members:

Subject: Adoption of Resolution No. 996, 2025, Acceptance of Gifts
the Board of Water Supply from Hawaiian Earth Recycling,
LLC in Support of the 2025 Annual Hālawā Xeriscape
in Support of the 2025 Annual Hālawā Xeriscape Garden
Unthirsty Plant Sale

We recommend the adoption of the attached Resolution No. 996, 2025, that accepts the proposed gift to the Board of Water Supply (BWS), City and County of Honolulu, from Hawaiian Earth Recycling, LLC in support of our 2025 Annual Hālawā Xeriscape Garden Unthirsty Plant Sale. The donor's total value of this gift is \$1,963.35.

The BWS's Annual Hālawā Xeriscape Garden Unthirsty Plant Sale is a well-established, successful public outreach program. It educates O'ahu residents about the importance of outdoor water conservation and sustainable gardens. Studies show that more than 30 percent of residential water use occurs outdoors, so it makes sense for the BWS to promote water-saving methods in this area, which in turn can reduce the customer's combined water and wastewater bill.

This donation from Hawaiian Earth Recycling, LLC allows the BWS to give free compost to Plant Sale visitors and encourage them to incorporate some of the techniques they learn at the event into their home gardens.

We deeply appreciate the continued support of this Board for this very valuable and worthwhile public outreach program. Plant Sale attendees are encouraged to use the information we provide at the event to become better stewards of our precious water resources.

Respectfully Submitted,

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

Attachment"

DISCUSSION: Kathleen Elliott-Pahinu, Information Officer, gave the report.

Manager Ernest Lau invited all Board Members to join him to shovel compost during the Annual Halawa Xeriscape Garden Unthirsty Plant Sale on August 2, 2025.

Chair Anthony thanked Hawaiian Earth Recycling for their generous gift.

**MOTION
TO APPROVE**

Lance Wilhelm and Bryan Andaya motioned and seconded, respectively, to approve the Adoption of Resolution No. 996, 2025, Acceptance of Gifts to the Board of Water Supply from Hawaiian Earth Recycling, LLC in Support of the 2025 Annual Hālawā Xeriscape Garden Unthirsty Plant Sale

Ms. Cruz-Achui conducted a roll call: Vice Chair Jonathan Kaneshiro, abstain; Board Member Bryan Andaya, aye; Board Member Lance Wilhelm, aye; 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 Members Kēhaulani Pu'u and Edwin Sniffen were absent.

ADOPTION OF RESOLUTION NO. 996, 2025, ACCEPTANCE OF GIFTS TO THE BOARD OF WATER SUPPLY FROM HAWAIIAN EARTH RECYCLING, LLC IN SUPPORT OF THE 2025 UNTHIRSTY PLANT SALE WAS ADOPTED ON MARCH 24, 2025			
	AYE	NO	COMMENT
NĀ'ĀLEHU ANTHONY	X		
JONATHAN KANESHIRO			ABSTAIN
BRYAN P. ANDAYA	X		
LANCE WILHELM	X		
KĒHAULANI PU'U			ABSENT
EDWIN H. SNIFFEN			ABSENT
GENE C. ALBANO	X		

BOARD OF WATER SUPPLY
CITY AND COUNTY OF HONOLULU

RESOLUTION NO. 996, 2025

ACCEPTANCE OF GIFT TO THE BOARD OF WATER SUPPLY
FROM HAWAIIAN EARTH RECYCLING, LLC
IN SUPPORT OF THE
2025 ANNUAL HĀLAWA XERISCAPE GARDEN UNTHIRSTY PLANT SALE

WHEREAS, the Board of Water Supply's (BWS) Annual Hālawā Xeriscape Garden Unthirsty Plant Sale is an annual public outreach activity that educates O'ahu water users about incorporating drought tolerant plants, earth-friendly planting and maintenance techniques, and water conservation methods in their landscapes and gardens to promote efficient outdoor water use; and

WHEREAS, the BWS may accept gifts to the Department as long as it does not provide special consideration, treatment, advantage, privilege, or exemption for or coerces a potential donor; and

WHEREAS, Hawaiian Earth Recycling, LLC is offering a gift of 25 cubic yards of compost, totaling \$1,963.35, for the BWS to distribute to the public at the 2025 Annual Hālawā Xeriscape Garden Unthirsty Plant Sale; and

WHEREAS, the gift to the BWS is beneficial because using compost improves the soil's ability to retain water and reduces the irrigation needs of landscapes or gardens that use it, further promoting outdoor water use efficiency; now, therefore

BE IT RESOLVED that the Board of Water Supply hereby accepts the gift valued at \$1,963.35 and directs the Manager and Chief Engineer, or his delegate, to accept and thank the donor for this gift.

ADOPTED:



NĀ'ĀLEHU ANTHONY
Chair

Honolulu, Hawai'i
March 24, 2025

ADOPTION OF RESOLUTION NO. 996, 2025, ACCEPTANCE OF GIFTS TO THE BOARD OF WATER SUPPLY FROM HAWAIIAN EARTH RECYCLING, LLC IN SUPPORT OF THE 2025 UNTHIRSTY PLANT SALE WAS ADOPTED ON MARCH 24, 2025			
	AYE	NO	COMMENT
NĀ'ĀLEHU ANTHONY	X		
JONATHAN KANESHIRO			ABSTAIN
BRYAN P. ANDAYA	X		
LANCE WILHELM	X		
KĒHAULANI PU'U			ABSENT
EDWIN H. SNIFFEN			ABSENT
GENE C. ALBANO	X		

"March 24, 2025

ADOPTION OF
RESOLUTION
NO. 997, 2025,
ACCEPTANCE
OF GIFTS TO
THE BOARD OF
WATER SUPPLY
FROM HARDWARE
HAWAII (HH
HOLDINGS, INC.)
FOR DETECT-
A-LEAK-WEEK

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

Chair and Members:

Subject: Adoption of Resolution No. 997, 2025, Acceptance of Gifts
to the Board of Water Supply from Hardware Hawai'i
(HH Holding, Inc.) for Detect-A-Leak Week

We recommend acceptance of the proposed gift to the Board of Water Supply (BWS), City and County of Honolulu, from Hardware Hawai'i (HH HOLDINGS, INC.) of 5,000 toilet leak detection dye tablets valued at \$600.00 in support of the BWS's annual Detect-A-Leak Week campaign.

Detect-A-Leak Week will be observed from April 13 through April 19, 2025. The goal is to raise awareness and encourage the public to conserve water by detecting and repairing leaks.

According to the United States Environmental Protection Agency, minor water leaks caused by running toilets, dripping faucets, and other household leaks account for more than 1 trillion gallons of water wasted each year across the U.S. Even small leaks can create a significant amount of water waste, costing customers money. One of the most common household leaks are found in toilets. An old or worn-out flapper can accumulate mineral buildup or decay over time. It is highly recommended to regularly check your toilet flapper and replace it at least every five years, as this is a relatively easy, quick, and inexpensive task.

During Detect-A-Leak Week, the public can pick up toilet leak detection dye tablets at any Hardware Hawai'i store, Satellite City Hall location, or the BWS Public Service Building lobby at 630 South Beretania Street. Tablets will also be available at our Detect-A-Leak events:

- Sunday, April 13, 2025 – Pearlridge Center, 11:00 AM – 1:00 PM
- Saturday, April 19, 2025 – Kahala Mall, 11:30 AM – 1:30 PM

We greatly appreciate the continued participation and commitment of our community partners and customers who support this very worthwhile

program, which encourages all customers to embrace their role as responsible stewards of our precious water resources.

Respectfully Submitted,

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

Attachment"

DISCUSSION: Steven Norstrom, Information Specialist Communications Office, gave the report.

Chair Anthony expressed his gratitude to Hardware Hawai'i for their donation.

MOTION TO APPROVE Gene Albano and Bryan Andaya motioned and seconded, respectively, to approve the Adoption of Resolution No. 997, 2025, Acceptance of Gifts to the Board of Water Supply from Hardware Hawai'i (HH Holdings, Inc.) for Detect-A-Leak-Week

Ms. Cruz-Achiu conducted a roll call: Vice Chair Jonathan Kaneshiro, aye; Board Member Bryan Andaya, aye; Board Member Lance Wilhelm, aye; Board Member Gene Albano, aye; and Chair Nā'ālehu Anthony, aye. Ms. Cruz-Achiu announced that the motion passed with five ayes. Board Members Kēhaulani Pu'u and Edwin Sniffen were absent.

ADOPTION OF RESOLUTION NO. 997, 2025, ACCEPTANCE OF GIFTS TO THE BOARD OF WATER SUPPLY FROM HARDWARE HAWAII (HH HOLDINGS, INC.) FOR DETECT-A-LEAK-WEEK WAS ADOPTED ON MARCH 24, 2025			
	AYE	NO	COMMENT
NĀ'ĀLEHU ANTHONY	X		
JONATHAN KANESHIRO	X		
BRYAN P. ANDAYA	X		
LANCE WILHELM	X		
KĒHAULANI PU'U			ABSENT
EDWIN H. SNIFFEN			ABSENT
GENE C. ALBANO	X		

BOARD OF WATER SUPPLY
CITY AND COUNTY OF HONOLULU

RESOLUTION NO. 997, 2025

ACCEPTANCE OF GIFT FROM HARDWARE HAWAII (HH HOLDINGS, INC.), IN
SUPPORT OF ANNUAL DETECT-A-LEAK WEEK CAMPAIGN

WHEREAS, the Board of Water Supply is committed to educating residents in safeguarding our finite water supply to ensure the provision of safe, dependable, and affordable water now and into the future, and

WHEREAS, identifying and fixing property leaks is a highly effective method of achieving long-term water and cost savings, as household leaks often go unnoticed, resulting in the loss of thousands of gallons of water and unnecessary increases in utility costs, and

WHEREAS, one of the most common leaks found inside the home is a leaky toilet, commonly caused by worn-out flappers, which can go unnoticed and waste thousands of gallons of water each year; and

WHEREAS, the Board of Water Supply is focusing public attention on detecting and repairing toilet leaks through its annual Detect-A-Leak Week campaign, observed from Sunday, April 13, 2025, through Sunday, April 19, 2025, and

WHEREAS, in support of Detect-A-Leak Week, Hardware Hawai'i (HH Holdings, Inc) partnered with the Board of Water Supply and generously donated 5,000 toilet leak detection dye tablets valued at \$600.00, to empower island water users to check and repair leaks, especially in toilets, and

WHEREAS, the Board of Water Supply may accept gifts to the Department as long as it does not provide special consideration, treatment, advantage, privilege, or exemption for or coerces a potential donor; and

BE IT RESOLVED that the Board of Water Supply hereby accept the gift valued at \$600 and directs the Manager and Chief Engineer, or his delegate, to accept and thank Hardware Hawai'i (HH Holdings, Inc.) for this gift.

ADOPTED



NĀ'ĀLEHU ANTHONY
Chair

Honolulu, Hawai'i
March 24, 2025

ADOPTION OF RESOLUTION NO. 997, 2025,
ACCEPTANCE OF GIFTS TO THE BOARD OF WATER
SUPPLY FROM HARDWARE HAWAII (HH HOLDINGS,
INC.) FOR DETECT-A-LEAK-WEEK WAS ADOPTED ON
MARCH 24, 2025

	AYE	NO	COMMENT
NĀ'ĀLEHU ANTHONY	X		
JONATHAN KANESHIRO	X		
BRYAN P. ANDAYA	X		
LANCE WILHELM	X		
KÉHAULANI PU'U			ABSENT
EDWIN H. SNIFFEN			ABSENT
GENE C. ALBANO	X		

ITEM FOR INFORMATION NO. 1

"March 24, 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, Civil Engineer IV, 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:

Joyce Lin, Civil Engineer IV, Office of the Manager and Chief Engineer,
gave the report.

Chair Anthony referred to slide four and asked if the white and black
colored tanks meant they were completely cleaned.

RED HILL CLOSURE UPDATES

- Step 1 – Preparation (Approx. 2-3 months):**
 - Isolate tank and disconnect piping
 - Install tank ventilation equipment and inject water to soften sludge
 - Remove flowable sludge
 - Begin tank ventilation with forced air
- Step 2 – Remove Solid Sludge (Approx. 2-4 months):**
 - Inspect and repair central tower and catwalk
 - Install center tower elevator; load test tower and catwalk
 - Remove solid sludge
- Step 3 – Pressure Washing (Approx. 1-2 months):**
 - Set up pressure washing system and
 - Pressure wash with 3% Simple Green
 - Rinse, continuously removing rinsate
 - Dry tank interior and validate cleanliness; submit cleaning report
 - Disseminate regulatory agency **Final approval** that tank is clean
- Step 4 – Tank Decommissioning (Approx. 1-2 Months):**
 - Remove booms and infrastructure
 - Install permanent lockable steel hatch at the entrance

Black tanks were empty and out of service prior to defueling

*Info current as of February 28, 2025

Ms. Joyce Lin responded that the white tanks still needed to be cleaned,
and the black tanks were already empty when the emptying of the tank
process began.

Chair Anthony commented that none of the tanks are completely done.

Ms. Lin replied that all the tanks are still being cleaned and slated for closure.

Chair Anthony referred to slide six. Since House Bill (HB) 1367 did not pass this legislative session, he asked how would the BWS keep the momentum going and continue to drill the necessary wells.

Manager Lau stated that although House Bill (HB) 1367 did not pass during this legislation, the BWS will use its own funding to drill and install monitoring wells as permits are approved. He mentioned that the BWS is also drilling exploratory wells to replace source capacity lost from the shutdown of three of the BWS wells due to contamination from the Red Hill Bulk Fuel Storage Facility. The BWS plans to use the time until next legislation season to meet and educate key House and Senate Legislators on water concerns surrounding Red Hill. The BWS also intends to reach out to the mayor and the governor to discuss collaboration opportunities to build more infrastructure capacity for our future.

Chair Anthony inquired if the Water Alliance Initiative (WAI) coordinator bill would be a helpful place to start.

Manager Lau responded that having a dedicated person would be a great start. The position would be permanent in the Department of Land and Natural Resources (DLNR). In the meantime, the BWS will focus on working with Hawai'i State Officials to keep the momentum on Red Hill alive.

Chair Anthony requested an update on the tracer study.

Ms. Lin replied that the University of Hawai'i (UH) anticipated seeing the tracer at the Navy Red Hill Shaft or nearby Navy monitoring wells where meters sensors were set up within the first couple of weeks due to the increased pumping rate. However, UH researchers did not see anything.

Manager Lau shared that Red Hill Shaft was initially started by pumping two million gallons a day (mgd) to capture the petroleum and treat the aquifer technique to capture the petroleum contamination. It has since been increased a little over four mgd to draw the tracer quicker to the well.

Chair Anthony asked if the water was being dispensed into the stream.

Manager Lau responded that the water is being filtered through the granulated activated carbon (GAC), which is located on the side midway of the tank farm, and released into the stream.

Board Member Bryan Andaya inquired about the Navy's timeline for the closure of tanks one, three, four, five, six, seven, and eight.

Ms. Lin shared that the closure plan notes that the closure is scheduled for August 2027.

Manager Lau mentioned that when the contamination happened, 14 of the 20 tanks were being used for fuel; the remaining tanks were in clean, inspect, and repair mode. Therefore, 14 tanks need to be cleaned of residual fuel and sludge.

Board Member Andaya asked if the Navy is on schedule for their closure plan.

Manager Lau replied that he would have to look at the updated schedule but believes the final closure is in 2028.

Ms. Lin added that the cleanup of the tanks would continue through 2027, and finalizing the closure work would end in 2028. Currently, the master schedule on the Navy's website is cut off.

Manager Lau shared that the Navy will be looking into removing the three large pipes that run from the tanks at Red Hill to Pearl Harbor, a total of nine miles of pipeline. This could start this year and require time and caution as some residual fuel may still be left in the pipeline.

Ms. Lin stated that she would look into removing the pipelines.

Board Member Andaya commented that he was intrigued that the Navy increased the pumpage when the tracer study began, but there was no sign of fuel.

Ms. Lin responded that there was no sign of red dye tracer from the tracer study.

Board Member Andaya commented that the red dye tracer has not appeared at Red Hill Shaft despite the increased pumpage rate; therefore, there is no telling where the tracer is going.

Manager Lau shared that other monitoring wells are being monitored to see if the red dye tracer is detected. The idea is to determine how the water flows in the area. The BWS looks forward to receiving an update regularly. The next update is at the end of the week.

Board Member Andaya commented that since no red dye tracer has been detected or migrated towards the BWS Halawa Shaft, is it possible to say that it's safe enough for the BWS to turn its service back on?

Manager Lau responded that it would not be safe to turn service back at the BWS Halawa Shaft, Aiea Well, and Halawa Well, not knowing the geology of groundwater. He stated that the UH tracer study is limited. There are many pieces of information that must be considered and looked at together: the Navy's groundwater flow model, information from monitoring wells, and the tracer study are just some of the pieces to

understand the complexity of groundwater better. Manager Lau shared that the BWS has consistently detected per- polyfluoroalkyl substances (PFAS) at Halawa Shaft; therefore, it would need to invest in a treatment system with the new drinking water regulations the Environmental Protection Agency passed.

Chair Anthony inquired if the red dye used to do the tracer study is to detect a specific compound.

Manager Lau replied that the red dye tracer is used to identify movement in the water and will fluoresce if the tracer is detected.

Chair Anthony asked if the BWS would test for the red dye used for the tracer study as a safety precaution.

Manager Lau responded that the BWS plans to do testing.

There was in-person testimony:

Susan Pcola-Davis	<i>Shared 10 pages to support her opinion and summary of the Extended Drinking Water Monitoring for March 1, 2024 – January 2025.</i>
--------------------------	---

Chair Anthony asked Ms. Susan Pcola-Davis to submit any questions she may have and if she could provide any detection in the hydrants noted in her testimony.

Ms. Pcola-Davis replied that the information she had was from the Navy's Safe Water website; however, may be able to find information in her previous presentations.

Manager Lau mentioned that the Navy may be ending its Safe Water website at the end of March. He also mentioned that a temporary treatment system was installed at the Navy's Aiea/Halawa Shaft and is working to install a treatment system at Red Hill Shaft. Therefore, the Navy should continue to monitor and sample their systems as they begin to bring them back online.

Ms. Pcola-Davis commented that if the Navy is not required to share information and the Safe Waters website is no longer available, the Navy will go back to reporting the same information before the contamination.

Manager Lau shared that the deadline for commenting on the Red Hill Shaft Water treatment system environmental assessment is April 20, 2025. The BWS is working to submit comments.

There was written testimony:

Meredith Wilson	<i>She provided comments on the Contaminant Fate & Transport modeling and the redacted information in the reports. She also commented that the EPA's comments were out of touch with reality.</i>
------------------------	---

Manager Lau summarized Ms. Meredith Wilson's testimony and shared that he and Ms. Wilson are participating in the National Academy funded by the Department of Defense (DoD). He stated that the EPA's comments on the Navy's groundwater flow model are available on their website.



MARCH 2025 RED HILL UPDATES

March 24, 2025

boardofwatersupply.com

RECENT EVENTS

- Virtual Meeting with University of Hawaii(UH) at Manoa Dr. Don Thomas and Dr. Toomas Parratt on UH Tracer Study.
- 3/12: Navy Closure Task Force –Red Hill Open House.
- Legislation Hearings





BWS MONITORING WELL AT SITE H

BWS MONITORING WELL AT SITE A



RED HILL CLOSURE UPDATES

❑ Step 1 – Preparation (Approx. 2-3 months):

- Isolate tank and disconnect piping
- Install tank ventilation equipment and inject water to soften sludge
- Remove flowable sludge
- Begin tank ventilation with forced air

❑ Step 2 – Remove Solid Sludge (Approx. 2-3 months):

- Inspect and repair central tower and catwalk
- Install center tower elevator; load test tower and catwalk
- Remove solid sludge

❑ Step 3 – Pressure Washing (Approx. 1-2 months):

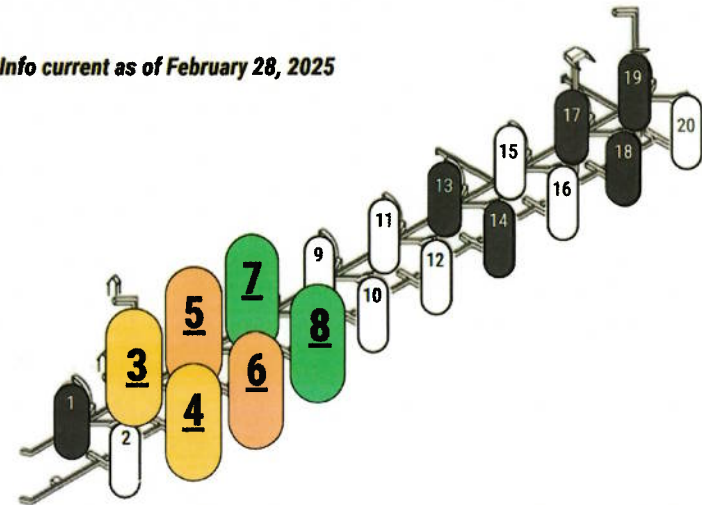
- Set up pressure washing system and
- Pressure wash with 3% Simple Green
- Rinse, continuously removing rinsate
- Dry tank interior and validate cleanliness; submit cleaning report
- Receive regulatory agency final approval that tank is clean

❑ Step 4 – Tank Decommission (Approx. 1-2 Months):

- Remove booms and infrastructure
- Install permanent lockable steel hatch at the entrance

Black tanks were empty and out of service prior to defueling.

**Info current as of February 28, 2025*



Source: Navy Closure Task Force –Red Hill



RED HILL CLOSURE UPDATES CONTINUE...

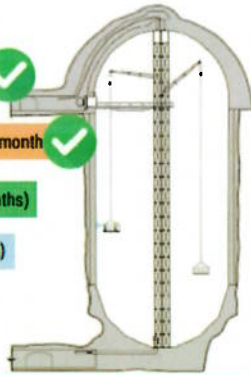
TANK 7

Step 1 Preparation (approx. 2-3 months) ✓

Step 2 Infrastructure/Sludge (approx. 2-3 months) ✓

Step 3 Pressure washing (approx. 1-2 months)

Step 4 Demobilization (approx. 1-2 months)



A total of 33 gallons of sludge was removed from Tank 7. All repairs to the main tower were completed, and the boom was installed to enable tank cleaning.

Pressure washing for Tank 7 began on January 9th and will take up to two months.

**Info current as of February 28, 2025*

SLUDGE AND RESIDUAL FUEL REMOVAL



**As of February 28, 2025*



Sludge is removed by lowering personnel to the bottom of the tank where it is manually shoveled out and put into drums. The drums are sealed and sent off the island for disposal at a permitted waste disposal facility on the continental U.S.

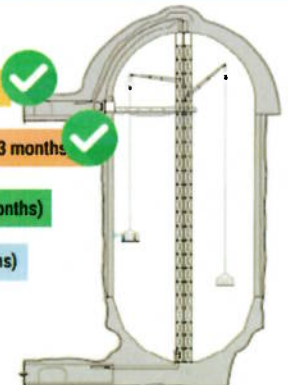
TANK 8

Step 1 Preparation (approx. 2-3 months) ✓

Step 2 Infrastructure/Sludge (approx. 2-3 months) ✓

Step 3 Pressure washing (approx. 1-2 months)

Step 4 Demobilization (approx. 1-2 months)



A total of 45 gallons of sludge was removed in June 2024.

Tank 8 pressure washing was completed on February 22, 2025.

**Info current as of February 28, 2025*

Source: Navy Closure Task Force –Red Hill



LEGISLATION RELATED TO RED HILL

HOUSE BILLS

HB505

Establishes a WAI Policy Coordinator within CWRM for coordination of Red Hill WAI initiatives and Special Fund.

~~HB1367~~

~~Appropriation of \$20M in General Obligation Bonds for BWS to construct up to six (6) monitoring wells.~~

SENATE BILLS

SB150 –HB505 Companion

~~SB1634 –HB1367 Companion~~

SB3

Adds management of groundwater near the Red Hill Bulk Fuel Storage Facility to the power and duties of CWRM.

SB543

Establishes a WAI Policy Coordinator and other positions within CWRM. Authorizes entities to challenge an emergency order. Establishes fines for certain water use offenses.

SB639

Clarifies the level of environmental restoration that owners and operators of USTs and UST systems must satisfy in the event of a confirmed release of jet fuel.



UPCOMING EVENTS

3/27: Red Hill Community Representation Initiative Meeting

4/9: Fuel Tank Advisory Committee Meeting

- Time and Location TBD.

4/10: Red Hill Remediation Roundtable





MAHALO!

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

March 2025 Red Hill Updates

ITEM FOR INFORMATION NO. 2

"March 24, 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

Three aquifer index stations were in low groundwater condition for the production month of February 2025. Punalu'u and Waialua are in Caution Status. Kaimuki is in Alert Status. The monthly production average for February 2025 was 129.26 million gallons per day.

The Board of Water Supply rainfall index for the month of February 2025 was 29 percent of normal, with a 5-month moving average of 87 percent. As of March 4, 2025, the Hawai'i Drought Monitor shows moderate drought conditions across the entire island of O'ahu. The National Weather Service is forecasting above-normal precipitation through May 2025.

Most monitoring wells exhibited stable to slightly increasing head levels for the month of February 2025. This likely reflects the combined effects of low winter production and the previous month's significantly higher-than-average rainfall. Average monthly production for February 2025 is slightly higher than February 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. There were no comments or discussion.

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

POTABLE

STATION	MGD
HONOLULU (1)	
KULIQUOU	0.06
WAILUPE	0.00
AINA KOA	0.00
AINA KOA II	0.06
MANOA II	0.93
PALOLO	1.43
KAIMUKI HIGH	2.47
KAIMUKI LOW	0.89
WILDER	9.02
BERETANIA HIGH	0.80
BERETANIA LOW	2.34
KALIH HIGH	3.77
KALIH LOW	2.69
KAPALAMA	0.13
KALIH SHAFT	7.63
MOANALUA	0.36
HALAWA SHAFT	0.00
KAAMILO	0.37
KALAUAO	8.89
PUNANANI	9.23
KAHUMANU	0.25
HECO WAIU	2.65
MANANA	0.18
WAIALAE IKI	0.53
WELLS SUBTOTAL:	54.69
MANOA TUNNEL	0.17
PALOLO TUNNEL	0.00
GRAVITY SUBTTL:	0.17
HONOLULU SUBTTL:	54.86

STATION	MGD
WINDWARD (2)	
WAIMANALO II	0.16
WAIMANALO III	0.00
KUOU I	1.27
KUOU II	0.11
KUOU III	0.67
LULUKU	0.82
HAIKU	0.31
IOLEKAA	0.00
KAHALUU	0.57
KAHANA	0.54
PUNALUU I	0.00
PUNALUU II	1.81
PUNALUU III	1.21
KALUANUI	1.20
MAAKUA	0.33
HAUULA	0.26
WELLS SUBTOTAL:	9.24
WAIM. TUNNELS I & II	0.00
WAIM. TUNNELS III&IV	0.19
WAIHEE INCL. WELLS	0.31
WAIHEE TUNNEL	4.38
LULUKU TUNNEL	0.24
HAIKU TUNNEL	0.27
KAHALUU TUNNEL	1.75
GRAVITY SUBTOTAL:	7.14
WIND. SUBTOTAL:	16.38

STATION	MGD
NORTH SHORE (3)	
KAHUKU	0.41
OPANA	0.99
WAIALEE I	0.44
WAIALEE II	0.00
HALEIWA	0.00
WAIALUA	1.27
N.SHORE SUBTOTAL:	3.11

STATION	MGD
MILILANI (4)	
MILILANI I	2.93
MILILANI II	0.00
MILILANI III	0.63
MILILANI IV	0.35
MILILANI SUBTOTAL:	3.91

STATION	MGD
WAIHAWA (5)	
WAIHAWA	1.28
WAIHAWA II	1.71
WAIHAWA SUBTOTAL:	2.99

STATION	MGD
PEARL CITY-HALAWA (6)	
HALAWA 277	0.00
HALAWA 550	0.00
AIEA	0.00
AIEA GULCH 497	0.62
AIEA GULCH 550	0.20
KAONOHI I	1.73
WAIMALU I	0.00
NEWTOWN	1.79
WAIU	1.77
PEARL CITY I	0.81
PEARL CITY II	0.96
PEARL CITY III	0.20
PEARL CITY SHAFT	0.91
PEARL CITY-HALAWA SUBTOTAL:	8.99

STATION	MGD
WAIPAHU-EWA (7)	
WAIPIO HTS.	1.94
WAIPIO HTS. I	0.73
WAIPIO HTS. II	0.24
WAIPIO HTS. III	1.39
WAIPAHU	6.74
WAIPAHU II	1.49
WAIPAHU III	3.04
WAIPAHU IV	2.23
KUNIA I	4.40
KUNIA II	1.78
KUNIA III	1.46
HOAEAE	4.67
HONOULIULI I	0.00
HONOULIULI II	5.45
MAKAKILO	0.01
WAIPAHU-EWA SUBTOTAL:	35.57

STATION	MGD
WAIANAE (8)	
MAKAHA I	0.88
MAKAHA II	0.00
MAKAHA III	0.00
MAKAHA V	0.60
MAKAHA VI	0.00
MAKAHA SHAFT	0.00
KAMAILE	0.05
WAIANAE I	0.00
WAIANAE II	0.34
WAIANAE III	0.17
WELLS SUBTOTAL:	2.04
WAI. C&C TUNNEL	1.40
WAI. PLANT. TUNNELS	0.00
GRAVITY SUBTOTAL:	1.40
WAIANAE SUBTOTAL:	3.45

NONPOTABLE

NONPOTABLE	MGD
KALAUAO SPRINGS	0.36
BARBERS POINT WELL	0.99
GLOVER TUNNEL NP	0.30
NONPOTABLE TOTAL:	1.65

RECYCLED WATER (JANUARY 2025)

RECYCLED WATER	MGD
HONOULIULI WRF R-1	4.72
HONOULIULI WRF RO	1.45
RECYCLED TOTAL:	6.17

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

PRODUCTION SUMMARIES

TOTAL WATER	MGD
PUMPAGE	120.55
GRAVITY	8.71
POTABLE TOTAL:	129.26
NONPOTABLE	1.65
RECYCLED WATER	6.17
TOTAL WATER:	137.07

CWRM PERMITTED USE AND BWS ASSESSED YIELDS FOR BWS POTABLE SOURCES				
WATER USE DISTRICTS		A PERMITTED USE/ BWS YLDS	B FEB 2024	C DIFF. A-B
1	HONOLULU	83.32	54.69	28.63
2	WINDWARD	25.02	16.38	8.64
3	NORTH SHORE	4.70	3.11	1.58
4	MILILANI	7.53	3.91	3.62
5	WAHIAWA	4.27	2.99	1.28
6	PEARL CITY-HALAWA	12.25	8.99	3.26
7	WAIPAHU-EWA	50.63	35.57	15.06
8	WAIANAE	4.34	3.45	0.89
TOTAL:		192.06	129.09	62.97

CWRM PERMITTED USE FOR BWS NONPOTABLE SOURCES				
WATER USE DISTRICTS		A PERMITTED USE	B FEB 2024	C DIFF. A-B
7	WAIPAHU-EWA (BARBERS POINT WELL)	1.00	0.99	0.01
TOTAL:		1.00	0.99	0.01

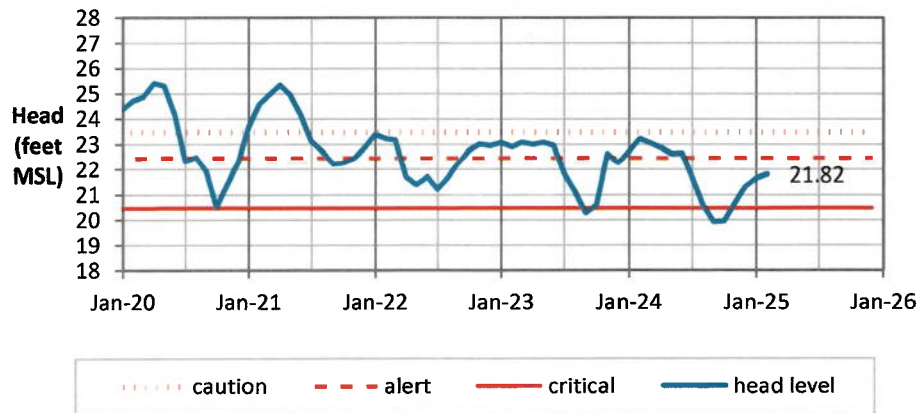
EFFECTIVE WATER DEMAND PER DISTRICT

IMPORT/EXPORT BETWEEN WATER USE DISTRICTS			
FROM	TO		MGD
2	1	WINDWARD EXPORT	0.10
7	8	BARBERS PT LB	5.07

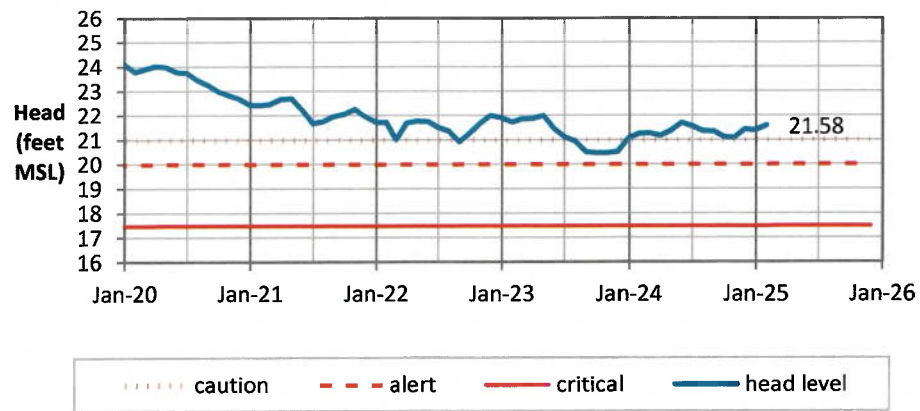
WATER USE DISTRICTS		SUBTOTAL	IMPORT	EXPORT	EFFECTIVE WATER DEMAND
1	HONOLULU	54.86	0.10	-	54.96
2	WINDWARD	16.38	-	0.10	16.28
3	NORTH SHORE	3.11	-	-	3.11
4	MILILANI	3.91	-	-	3.91
5	WAHIAWA	2.99	-	-	2.99
6	PEARL CITY-HALAWA	8.99	-	-	8.99
7	WAIPAHU-EWA	35.57	-	5.07	30.50
8	WAIANAE	3.45	5.07	-	8.52
TOTAL:		129.26	5.17	5.17	129.26

Head Report

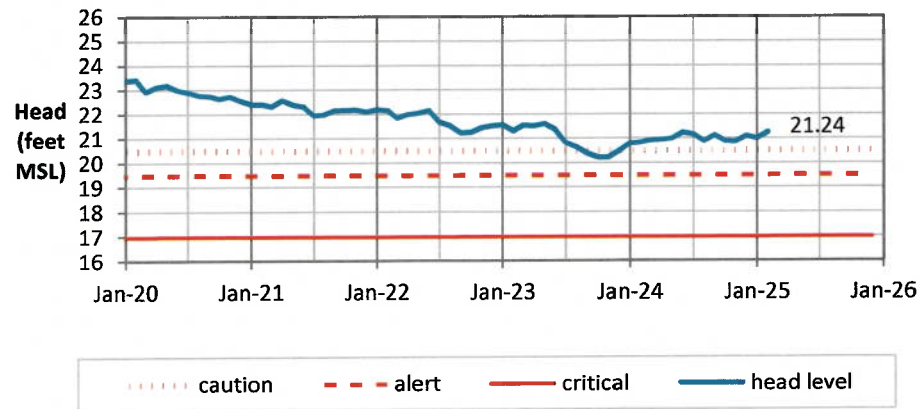
Kaimukī 02/03/2025



Beretania 02/01/2025

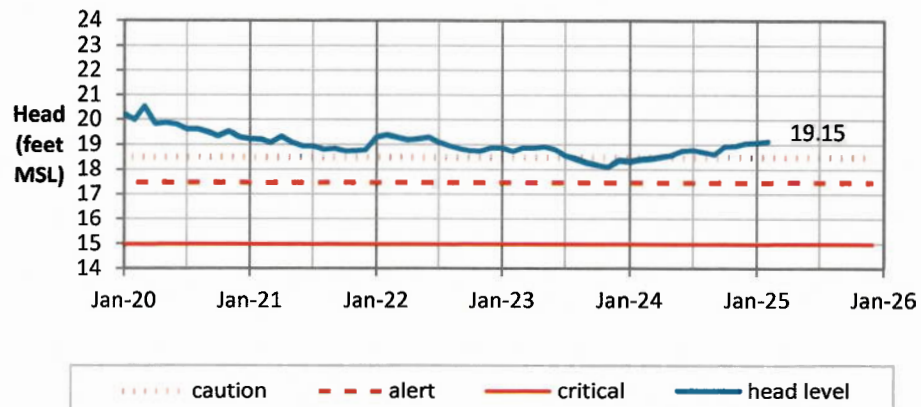


Kalihi 02/01/2025

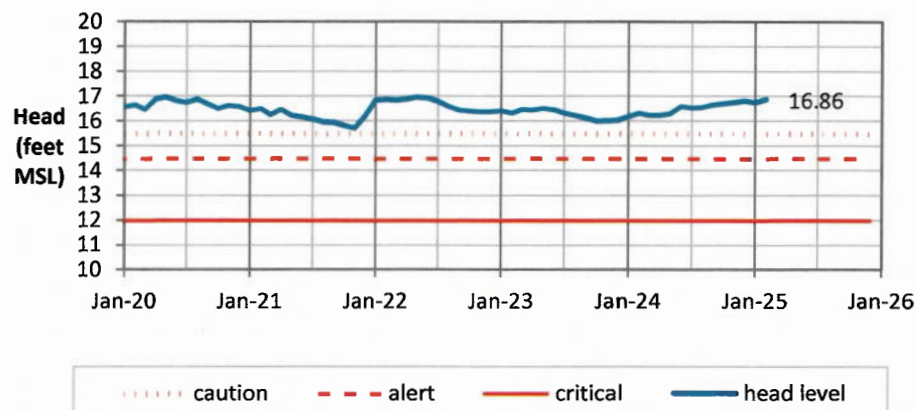


Head Report

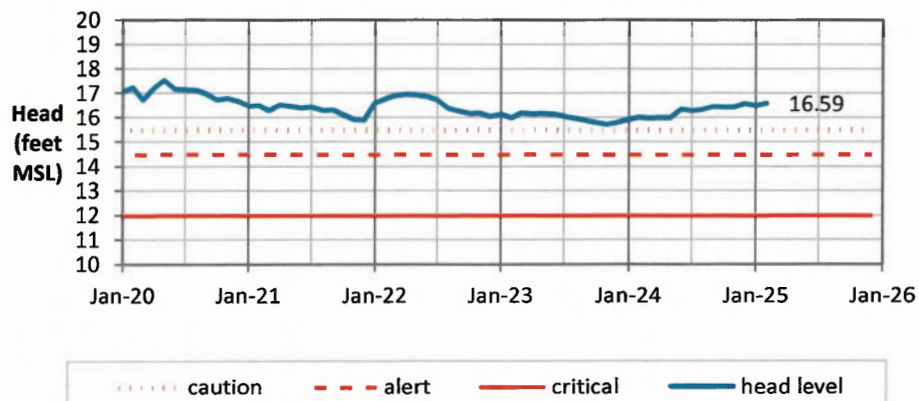
Moanalua 02/01/2025



Hālawā 02/01/2025

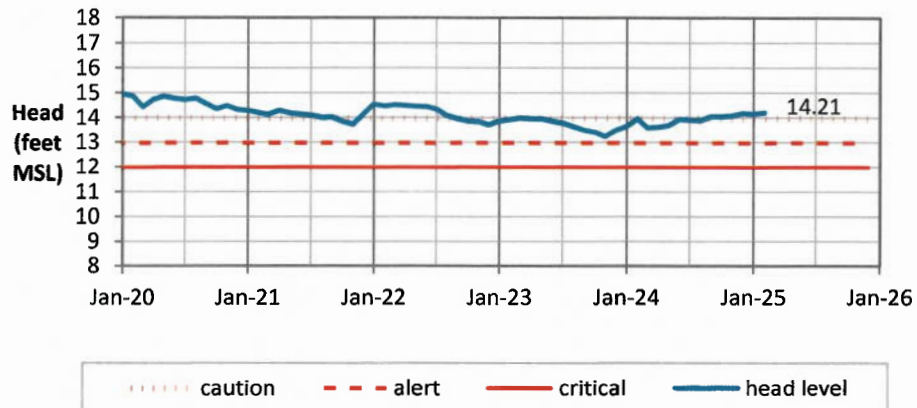


Kalauao 02/05/2025

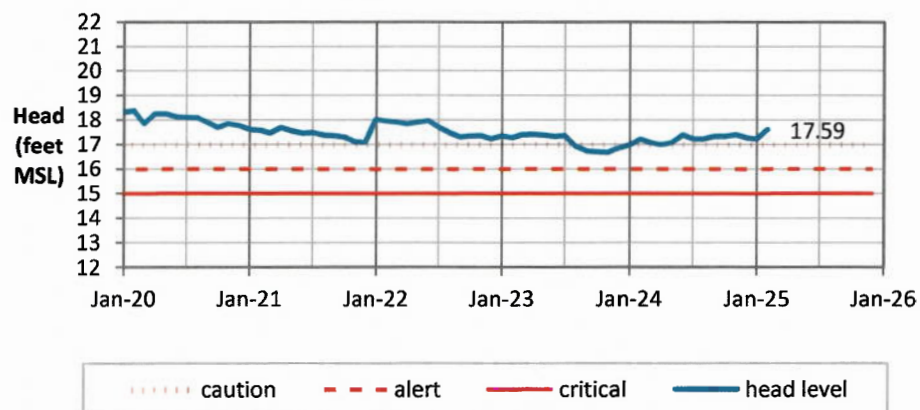


Head Report

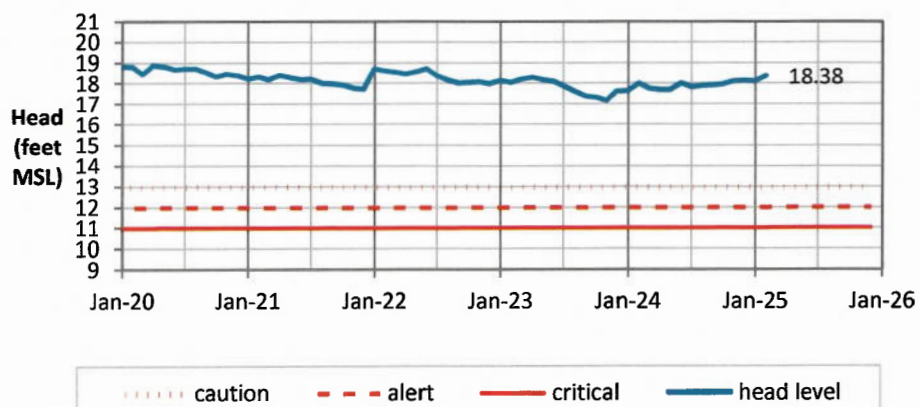
Pearl City 02/07/2025



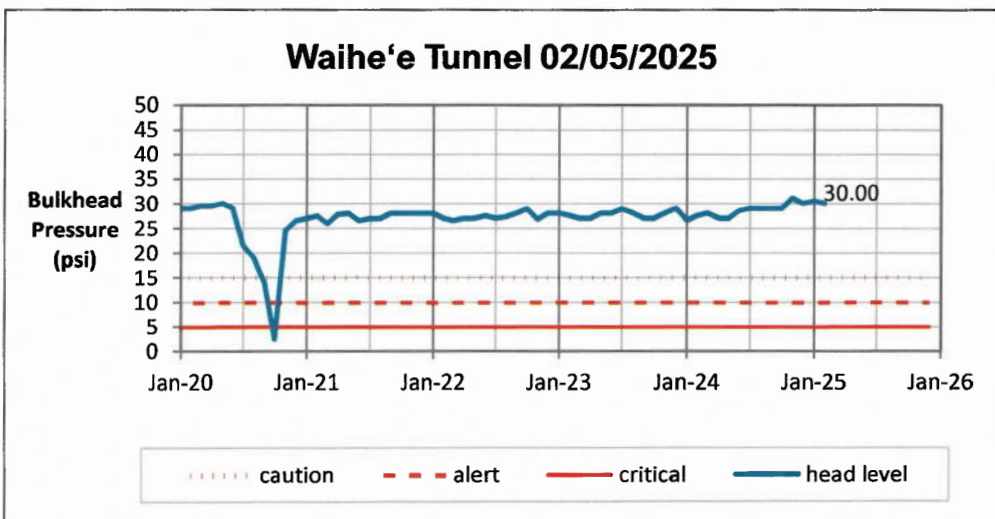
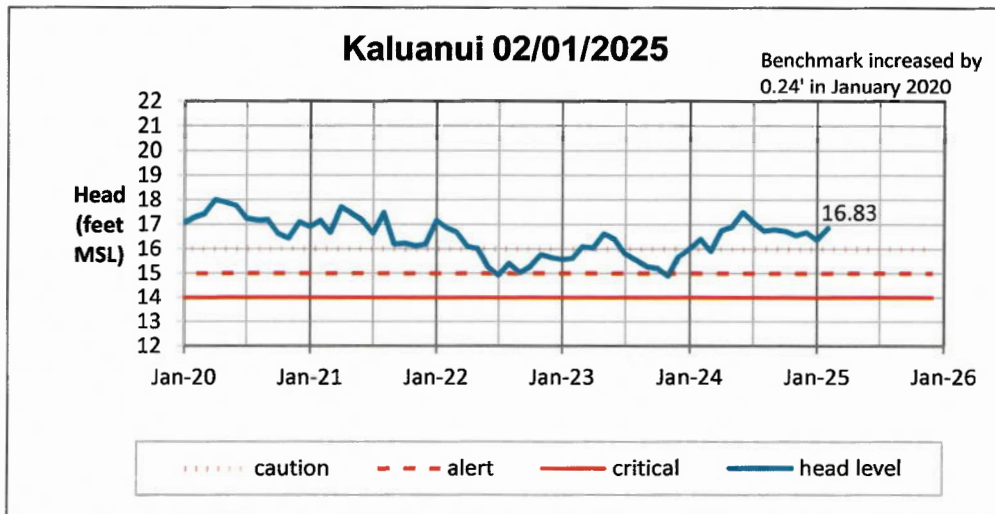
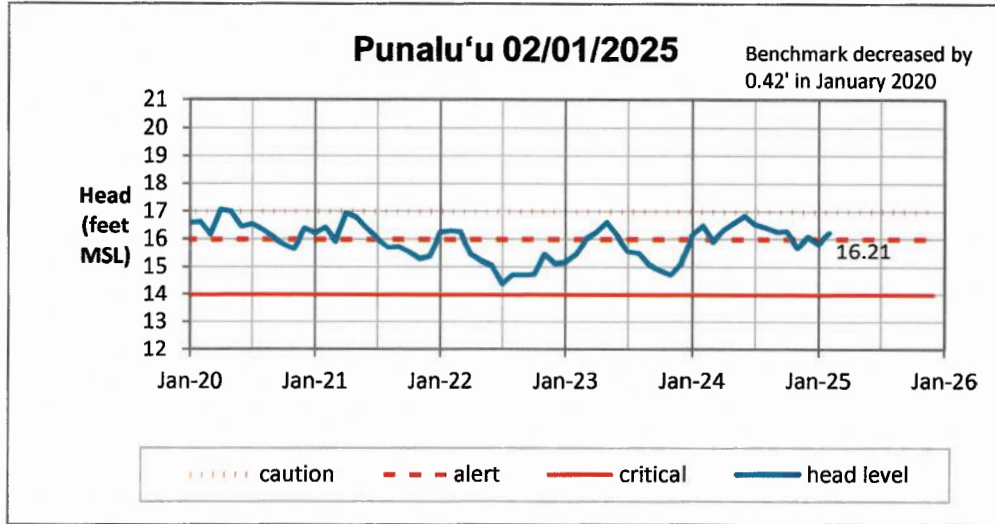
Waipahu 02/01/2025



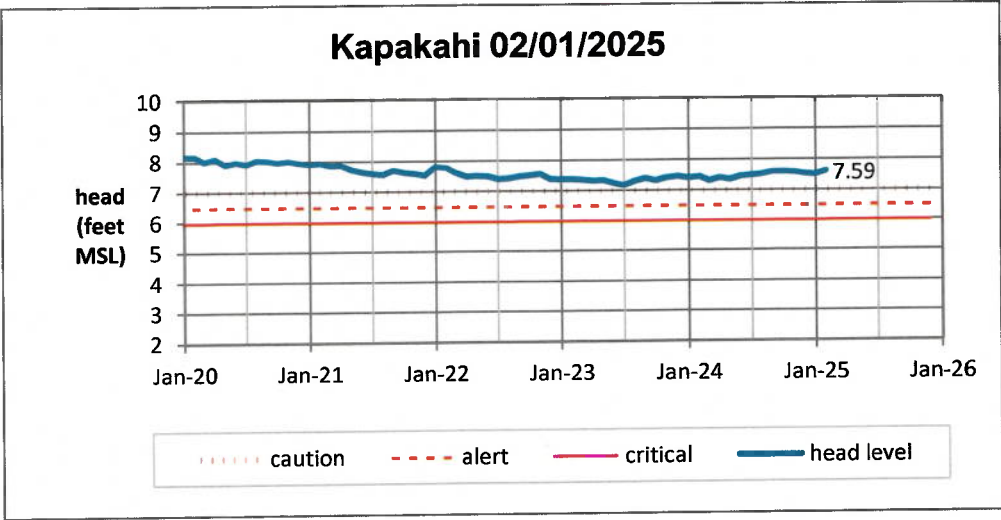
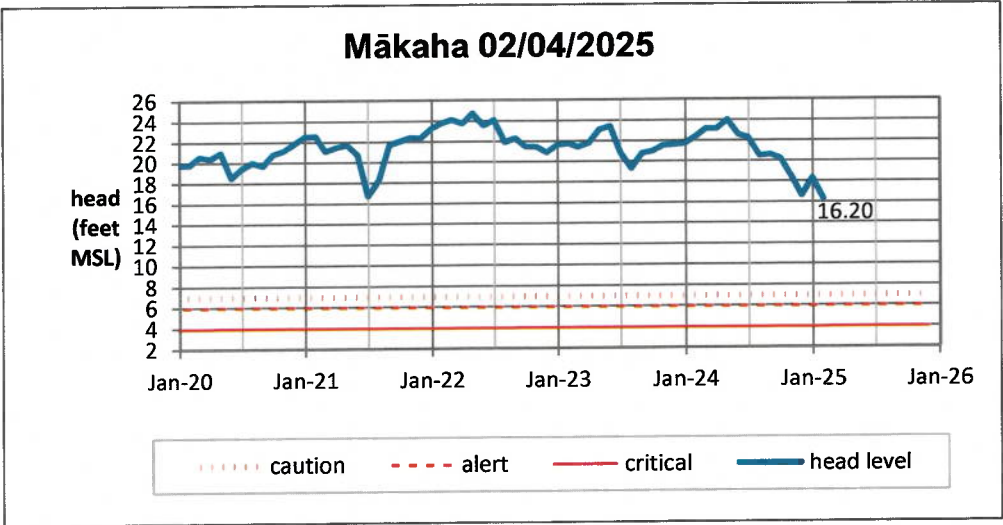
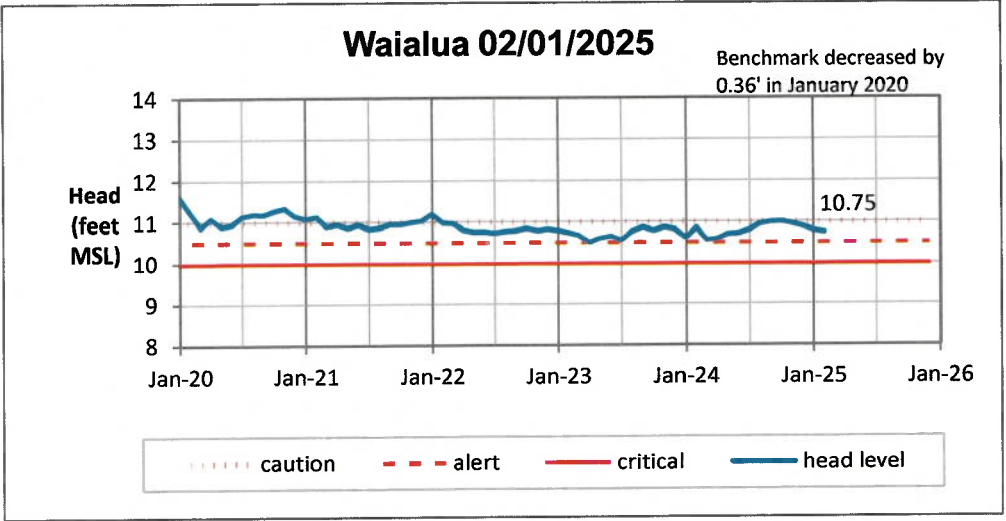
Hō'ae'ae-Kunia 02/01/2025



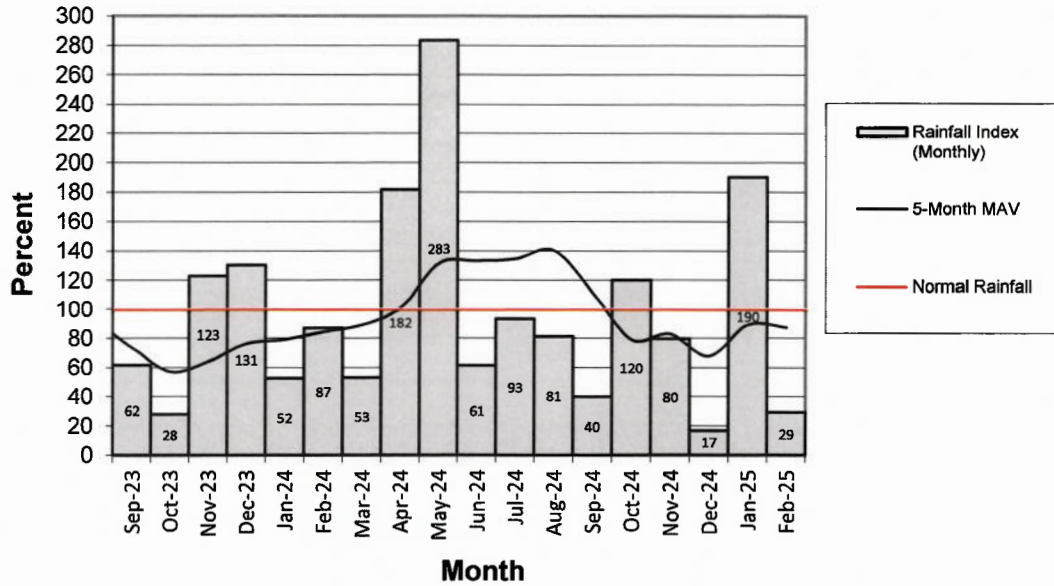
Head Report



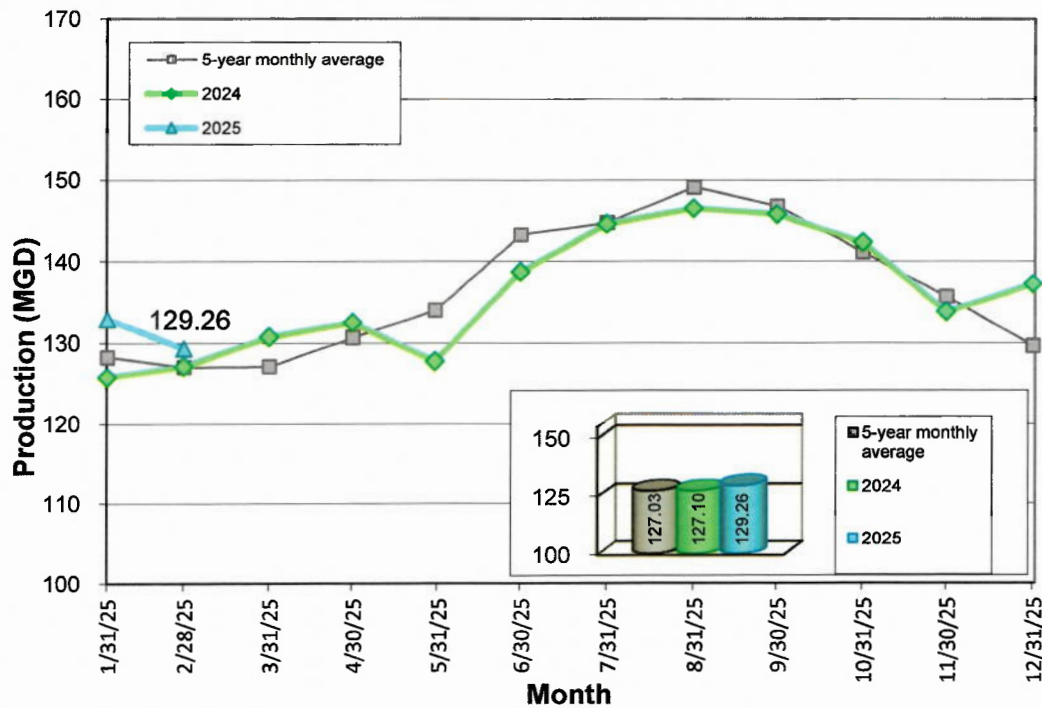
Head Report



HONOLULU WATERSHED AREA Rainfall Intake



Monthly Production



ITEM FOR INFORMATION NO. 3

"March 24, 2025

WATER MAIN
REPAIR
REPORT FOR
FEBRUARY 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 February 2025

Wayne Tello, Acting Program Administrator, Field Operations Division,
will report on water main repair work for the month of February 2025.

Respectfully submitted,

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

Attachment"

The foregoing was for information only.

DISCUSSION:

Wayne Tello, Acting Program Administrator, Field Operations Division,
gave the report. There were no comments or discussion.

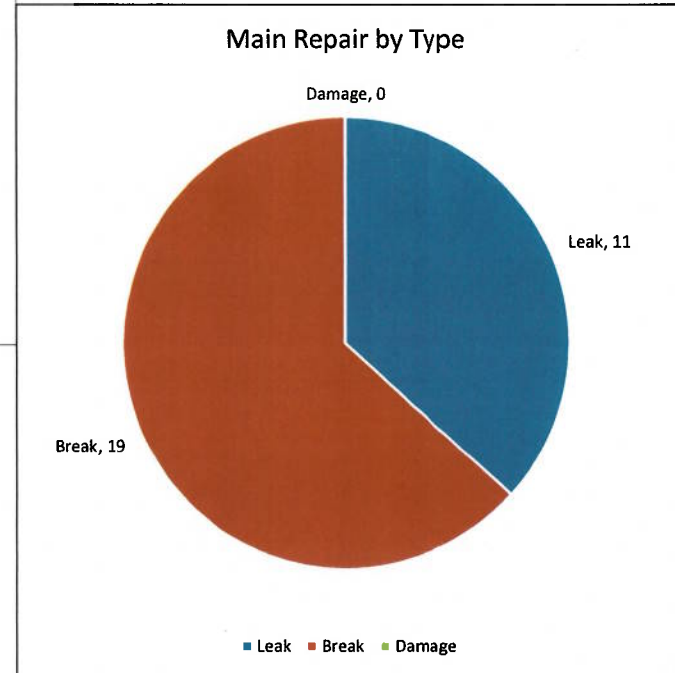
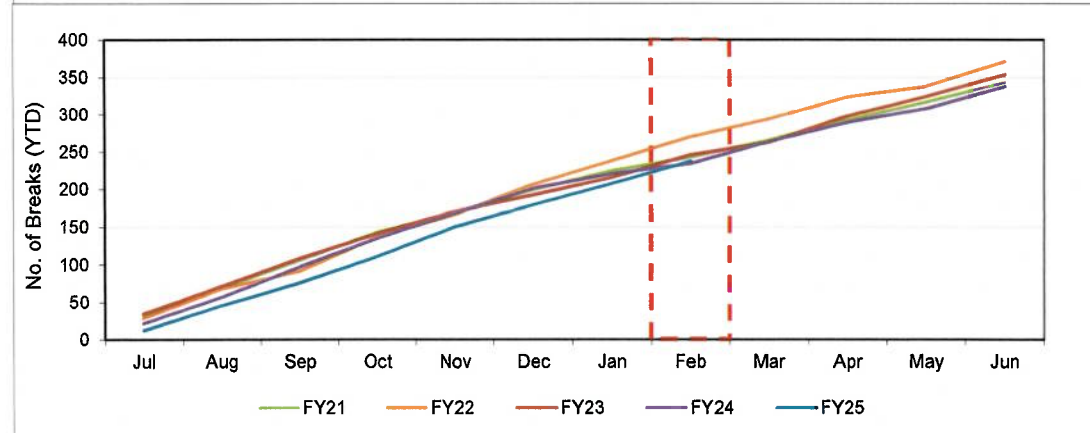
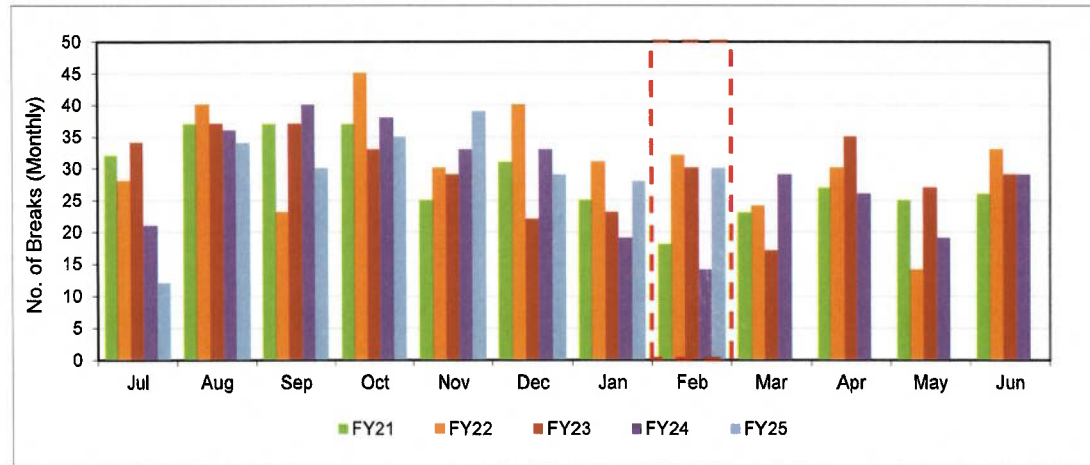
**WATER MAIN REPAIR REPORT
for February 2025**

Monthly Main Breaks

FY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
2025	12	34	30	35	39	29	28	30	--	--	--	--	237
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
2021	32	37	37	37	25	31	25	18	23	27	25	26	343

Main Repair by Type

Type	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
Leak	4	27	14	24	20	10	14	11	--	--	--	--	124
Break	7	7	15	10	19	19	13	19	--	--	--	--	109
Damage	1	0	1	1	0	0	1	0	--	--	--	--	4
Total	12	34	30	35	39	29	28	30	0	0	0	0	237



Date	Address	Size (In)	Pipe Type	Date	Address	Size (In)	Pipe Type
2/1/2025	743 Ulukahiki St, Kailua	12	CI	2/26/2025	1676 Hooheke St, Pearl City	8	PVC
2/1/2025	98-1264 Akaaka St, Aiea	8	PVC	2/26/2025	1830 Hooehulu St, Pearl City	8	CI
2/1/2025	99-069 Kaamilo St, Aiea	8	PVC	2/27/2025	94-273 Kahualena St, Waipahu	8	CI
2/2/2025	1434 Nanakai St, Pearl City	8	PVC	2/28/2025	3807 Old Pali Rd, Honolulu	15	CI
2/3/2025	2098 Makiki Hts Dr, Honolulu	8	CI				
2/3/2025	1222 Pihana St, Honolulu	8	CI				
2/4/2025	99-1165 Napuanani Rd, Aiea	8	CI				
2/4/2025	99-1312 Aiea Heights Dr, Aiea	6	CI				
2/5/2025	1010 Kalahu Pl, Honolulu	8	CI				
2/5/2025	187 Kilea Pl, Wahiawa	6	CI				
2/6/2025	1286 Maleko St, Kailua	8	CI				
2/7/2025	41-053 Kaulu St, Waimanalo	4	CI				
2/7/2025	7878 Hawaii Kai Dr, Honolulu	8	PVC				
2/9/2025	3901 Kaimuki Ave, Honolulu	4	GALV				
2/11/2025	45-607 Keaahala Rd, Kaneohe	12	CI				
2/12/2025	66-025 Waialua Beach Rd, Haleiwa	8	CI				
2/12/2025	1334 10th Ave, Honolulu	12	DI				
2/15/2025	1648 Ala Moana Blvd, Honolulu	6	CI				
2/18/2025	1203 Nanialii St, Kailua	8	PVC				
2/18/2025	1230 Pihana St, Honolulu	8	CI				
2/19/2025	84-688 Ala Mahiku St, Waianae	12	AC				
2/21/2025	57 Hauola Ave, Wahiawa	6	CI				
2/22/2025	2345 Maunalaha Rd, Honolulu	4	GALV				
2/22/2025	2939 Hibiscus Pl, Honolulu	4	DI				
2/22/2025	2404 Pauoa Rd, Honolulu	6	CI				
2/25/2025	944 Kaluanui Rd, Honolulu	8	CI				

**LEAK DETECTION
for February 2025**

POIs Investigated

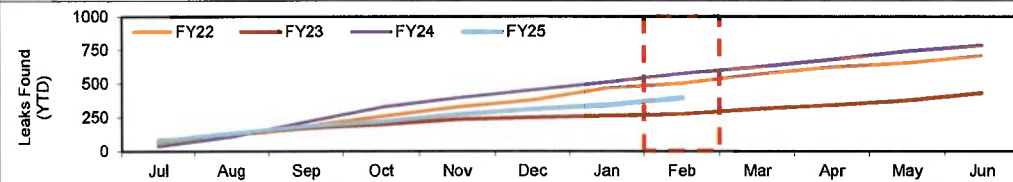
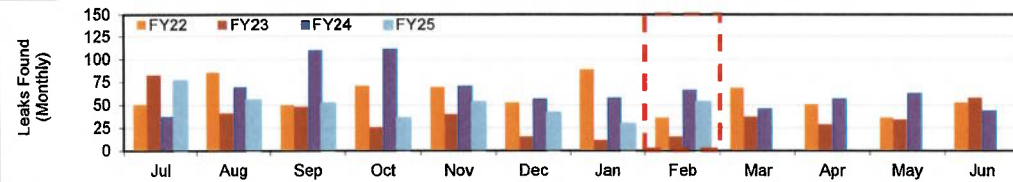
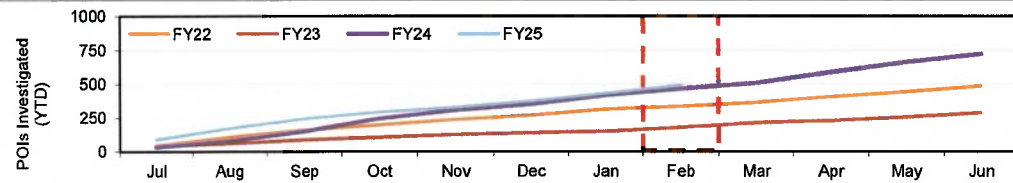
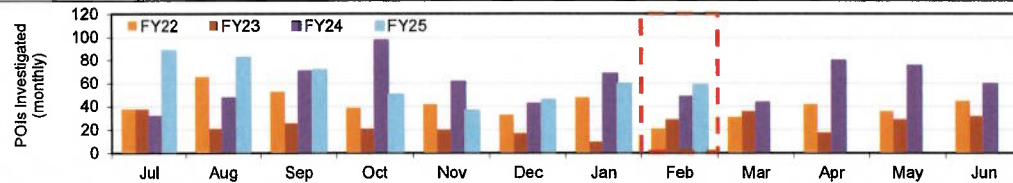
FY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
2025	88	82	71	50	36	45	59	58	--	--	--	--	489
2024	31	47	70	97	61	42	68	48	43	79	75	59	720
2023	37	20	25	20	19	16	9	28	35	17	28	31	285
2022	37	65	52	38	41	32	47	20	30	41	35	44	482

Leaks Found

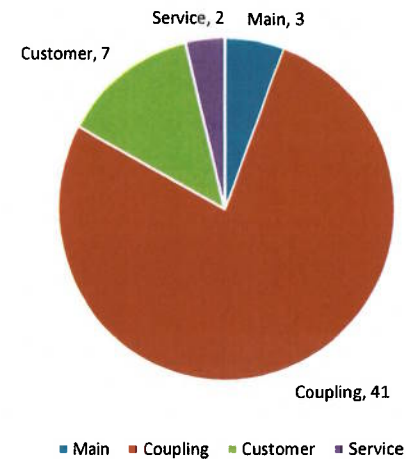
FY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
2025	76	55	51	35	53	41	29	53	--	--	--	--	393
2024	36	69	109	111	70	56	57	66	45	56	62	43	780
2023	82	40	47	25	39	15	11	15	36	28	33	57	428
2022	50	85	49	70	69	52	88	35	68	50	35	52	703

Satellite Leak by Type

Type	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
Main	8	6	2	3	2	5	1	3	--	--	--	--	30
Coupling	62	41	43	24	41	29	23	41	--	--	--	--	304
Customer	3	4	1	5	3	4	4	7	--	--	--	--	31
Service	3	4	5	3	7	3	1	2	--	--	--	--	28
Total	76	55	51	35	53	41	29	53	0	0	0	0	393



Satellite Leak by Type



**MOTION TO
RECESS INTO
EXECUTIVE
SESSION**

There being no further business, Chair Anthony, at 2:54 PM, called for a motion to adjourn the Open Session. Jonathan Kanehiro so moved; seconded by Bryan Andaya and unanimously carried.

Upon unanimous approved motion, the Board recessed into Executive Session Pursuant to [HRS § 92-5 (a)(4)] at 3:05 PM to Consider Issues Pertaining to Matters Posted for Discussion at an Executive Session.

**OPEN
SESSION**

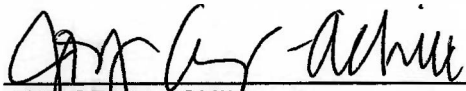
The Board reconvened in Open Session at 3:06 PM.

**MOTION TO
ADJOURN**

There being no further business, Chair Anthony, at 3:07 PM, called for a motion to adjourn the Regular Session. Jonathan Kanehiro so moved, seconded by Gene Albano, and unanimously carried.

The minutes of the Regular Meeting held on March 24, 2025, are respectfully submitted,

THE MINUTES OF THE REGULAR MEETING HELD ON MARCH 24, 2025, WERE APPROVED AT THE APRIL 28, 2025, BOARD MEETING			
	AYE	NO	COMMENT
NĀ'ĀLEHU ANTHONY			ABSENT
JONATHAN KANESHIRO	X		
BRYAN P. ANDAYA	X		
LANCE WILHELM	X		
KĒHAULANI PU'U	X		
EDWIN H. SNIFFEN			ABSTAIN
GENE C. ALBANO	X		


JOY CRUZ-ACHIU

APPROVED:


For NĀ'ĀLEHU ANTHONY
Chair of the Board

APR 28 2025

Date