

**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
KAPUA SPROAT
LANCE WILHELM
EDWIN H. SNIFFEN, Ex-Officio
GENE C. ALBANO, P.E., Ex-Officio

October 22, 2024

NOTICE

The Board of Water Supply, City and County of Honolulu, Regular Meeting will be held on Monday, October 28, 2024, 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, October 28, 2024, 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, October 25, 2024, 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, October 28, 2024:
 - 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 October 28, 2024, Regular Meeting of the Board of Water Supply is as follows:

ITEMS REQUIRING BOARD ACTION

1. Approval of the Minutes of the Public Hearing and Regular Meeting Held on September 23, 2024

ITEMS FOR INFORMATION

1. Update on the Board of Water Supply's Response to the Potential Impacts of the Red Hill Fuel Contamination
2. Recruitment Status
3. Status Update of Groundwater Levels at All Index Stations
4. Water Main Repair Report for September 2024

MINUTES

To watch the recording of this meeting, please click on the following link:
<https://vimeo.com/bwshonolulu/oct-28-2024>. Closed captioning is available.

THE REGULAR MEETING OF THE BOARD OF WATER SUPPLY

October 28, 2024

At 2:00 PM on October 28, 2024, 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 via Zoom
Lance Wilhelm, Board Members
Gene C. Albano, Ex-Officio

Also Present: Ernest Lau, Manager and Chief Engineer
Erwin Kawata, Deputy Manager
Michael Domion, Civil Engineer VI,
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
Glenn Ah Yat, Acting Assistant Program
Administrator,
Field Operations Division
Kaliko Lum Kee, Acting Waterworks Controller,
Finance Division
Michele Thomas, Executive Assistant I,
Human Resources Office
Henderson Nuuhiwa, Program Administrator,
Information Technology Division
Michael Matsuo, Land Administrator, Land Division
Roland Fenstermacher,
Acting Program Administrator,
Water Quality Division
Barry Usagawa, Program Administrator,
Water Resources Division
Kevin Ihu, Program Administrator,
Water System Operations Division

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

Kimberly Kuwaye, Manager Secretary

Joy Cruz-Achiu, Board Secretary

Kathy Mitchell, Administrative Services Officer
via Vimeo

Steven Norstrom, Information Specialist II,
Communications Office

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:

Kapua Sproat, 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, everyone. Thank you all for coming to talk and meet here for the betterment of the water. Here is a short Hawaiian Proverb that helps us remember the importance of fresh water and land.

'Ōlelo 1238: 'Inā e lepo ke kumu wai, e ho'i ana ka lepo i kai.

Chair Anthony translated 'ōlelo 1238: If the source of water is dirty, the muddy water will travel on.

Chair Anthony welcomed everyone to the October 28, 2024, 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 be played to share reminders for public participation and the 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 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.

Joining by Zoom: Vice Chair Jonathan Kaneshiro responded aye and disclosed that he was alone at his location; Board Member Bryan Andaya responded aye and disclosed that he was alone at his location; and Board Member Gene Albano responded aye, and disclosed that he was alone at his location. In the Board room, Board Member Lance Wilhelm responded, e'ō. Board Member Kapua Sproat and Board Member Edwin Sniffen were absent. Chair Anthony was present in the Boardroom.

Chair Anthony introduced those in the Boardroom: Manager Ernest Lau, Deputy Manager Erwin Kawata, Board Secretary Joy L. Cruz-Achiu, Manager Secretary Kimberly Kuwaye, and Information Specialist II Steven Norstrom and 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 Public Hearing and Regular Meeting Held on September 23, 2024.

MOTION TO APPROVE

Lance Wilhelm and Gene Albano motioned and seconded, respectively, to approve the Minutes of the Public Hearing and Regular Meeting Held on September 23, 2024.

Ms. Cruz-Achiu conducted a roll call vote: Vice Chair Jonathan Kaneshiro, aye; Board Member Bryan Andaya, aye; Lance Wilhelm, aye; Board Member Gene Albano, aye; and Chair Nā'ālehu Anthony, aye. Board Member Kapua Sproat and Board Member Edwin Sniffen was absent.

Ms. Cruz-Achiu announced that the motion passed with five ayes.

THE MINUTES OF THE PUBLIC HEARING AND REGULAR MEETING HELD ON SEPTEMBER 23, 2024, WERE APPROVED AT THE OCTOBER 28, 2024, BOARD MEETING			
	AYE	NO	COMMENT
NĀ'ĀLEHU ANTHONY	X		
JONATHAN KANESHIRO	X		
KAPUA SPROAT			ABSENT
BRYAN P. ANDAYA	X		
LANCE WILHELM	X		
EDWIN H. SNIFFEN			ABSENT
GENE C. ALBANO	X		

ITEM FOR INFORMATION NO. 1

"October 28, 2024

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,
and Erwin Kawata, Deputy Manager, 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:

Before Ms. Joyce Lin and Deputy Manager Erwin Kawata shared their
presentation, Chair Anthony shared some information about the BWS.

Chair Anthony shared that the BWS is 95 years old and existed before
the Environmental Protection Agency (EPA), the Department of Health
(DOH), and the Federal Clean Water Act. The BWS was formed nearly a
century ago as purveyors of water, and it now supplies more than
180,000 customers islandwide with pure and clean water.

Chair Anthony mentioned that when he worked as an intern at the BWS
nearly 30 years ago, he recalls seeing stickers on BWS vehicles that read
"There is no substitute for pure water," which he may not have fully
understood then but today understands that it is a very important
statement.

Chair Anthony shared that the BWS consists of numerous team members
who assist with maintaining and providing the community with safe and
clean water. He recognized Deputy Manager Kawata, who has more
than four decades of experience in keeping the water supplied by the
BWS clean through monitoring and testing. The BWS has decades of
data that have helped the BWS understand the water supply. Chair
Anthony commented that the data over the past three years have been
terrifying and have caused the BWS to make adjustments to ensure that
the water the BWS serves is clean and pure. He stated that at every

Board meeting, Mr. Barry Usagawa presents the activity at groundwater levels at all index stations.

Chair Anthony stated that the BWS serves up to 140 million gallons a day (mgd) of water. The BWS continues to refine its process of serving clean water. He shared that the Chief Engineer and Manager Ernest Lau took preventative action in 2021 when the Red Hill Bulk Fuel Storage spill occurred, releasing tens of thousands of gallons of jet fuel into the aquifer. This action was taken to prevent contamination from entering the BWS water system.

Chair Anthony thanked all the BWS employees for their service and the community's support.

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

Chair Anthony referred to the last slide and inquired if the BWS must now presuppose that the water must be filtered before turning on Hālawa Shaft, Aiea Wells, or Hālawa Wells.

WHAT DOES THE PAH AND PFAS RESULTS MEAN?

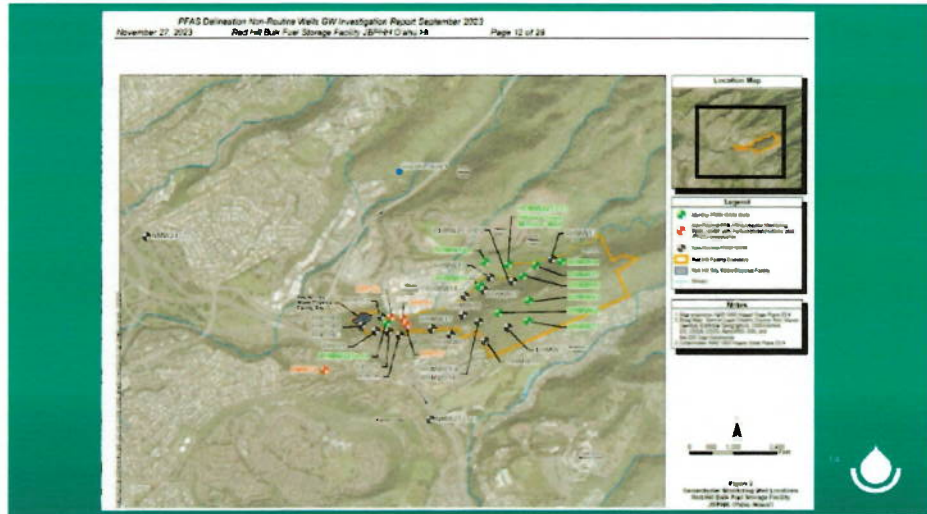
- Reaffirms BWS concerns with past fuel releases from Red Hill and impact to aquifer and environment.
- Reaffirms decision to shut down three BWS wells (Halawa Shaft, Aiea Wells and Halawa Wells) soon after JBPHH water crisis.
- The three BWS wells to remain shut down indefinitely – Restart is uncertain.



Deputy Manager Erwin Kawata replied that there is a way to remove per- and polyfluoroalkyl substances (PFAS) from water. However, restarting Halawa Shaft also draws the water, potentially moving water from the Red Hill area to Hālawa Shaft, possibly changing the aquifer and causing past releases to move closer to Hālawa Shaft. Therefore, restarting Halawa Shaft is not an option until the extent of the contamination is understood and how it's changing and moving in the environment.

Manager Ernest Lau added that more monitoring and test wells are needed to monitor and test in areas where there are very few. He referred to slide 14 and asked Deputy Manager Kawata to show where there are existing monitoring wells.

Deputy Manager Kawata stated that the Navy's monitor wells are located within the property boundaries, which are within the yellow area of the Red Hill facility. There are a few monitor wells down south outside the yellow area. However, there are no monitoring wells west or northwest in the Hālawā Business area, the quarry, and the prison.



Chair Anthony asked if the BWS has received any information on when data from the groundwater flow model would be released.

Manager Lau replied that at the October 9, 2024, Fuel Tank Advisory Committee (FTAC) meeting, the Military stated that a redacted version of the groundwater flow model would be ready in a month. The BWS anticipates that the report will range between 500 to 800 pages, which will take some time to review. The last redacted report the BWS received and reviewed was in 2020.

Before testimony was taken from the public, Chair Anthony shared that the BWS received approximately 30 testimonies via in-person, Zoom, or written testimony. He asked that Manager Lau share a brief overview.

Manager Lau shared that on October 17, 2024, the BWS received a letter from the Environmental Protection Agency (EPA) and the Department of Health (DOH) in response to seven letters sent to the regulators. The seven letters sent to the regulators enclosed the BWS's comments on the polycyclic aromatic hydrocarbon (PAH) detections at the BWS Aiea Wells; the Military's tank closure plan supplement three on PFAS; the Military's remedial investigation work plan, which they proposed a superfund investigation of the PFAS releases and contamination at the Red Hill Bulk Fuel Storage Facility; the weekly sampling and analysis; copies of Ms. Susan Pcola-Davis' two separate testimonies on lead detections in the Military's water system; and a response to the EPA's August 9, 2024, letter and copy of the Military's complaint letter signed by Rear Admiral Mark Williams to the EPA regarding BWS PAH detections.

Manager Lau shared some context of the complaint letter from the Military:

- *Despite BWS's continuing misinformation, the Navy has always been, always been, and remains committed to the safety of the consumers served by the Joint Base Pearl Harbor Hickam drinking water system. Many of the BWS statements are grossly inaccurate and are counterproductive. They continue to unnecessarily create public confusion and concern. The Navy looks to the regulators to help counter this misinformation by educating the public about EPA standards and the Navy's data that Joint Base Pearl Harbor water system water remains safe for its users.*
- *(second to the last paragraph) we are concerned that BWS letters and subsequent public presentations of incomplete or incorrect information has created significant public confusion about the overall safety of Oahu's drinking water. We request BWS to seek EPA and DOH input into the BWS analysis prior to public presentations, in order to prevent further confusion.*

Board Member Bryan Andaya mentioned that he opened the Star Advertiser and saw an editorial. He inquired if there are any discussions between the BWS and the Military to avoid media publicity.

Chair Anthony shared that there are a handful of scheduled meetings between the Red Hill Wai and the Navy. However, the meeting on Friday, October 25, 2024, was canceled shortly after this letter was mentioned in the news. He shared that the letter was addressed to the EPA and DOH, and the BWS was on the carbon copied (cc) list. Chair Anthony stated that the copy of the Military's letter was not released on the BWS website until Monday, October 28, 2024, and was not released to any news media stations by the BWS. He agreed with Board Member Andaya that he would prefer direct discussions with the Military.

Manager Lau shared that at the FTAC meeting, Rear Admiral Williams requested that the BWS provide comments from the BWS's peer reviews on the Military's long-term monitoring plan on their water testing of Joint Base Pearl Harbor Hickam (JBPHH). He shared that he and Rear Admiral Williams offered and requested that the BWS and the Military come together to share mana'o about the extended drinking water monitoring plan. Manager Lau stated that what is in the best interest of everyone, including the people that the Navy serves is that the tests must be done properly, that the data must be reliable, and that they fully understand what is or is not in the water.

There was in-person testimony:

Walter Chun

Commented that he is upset and scared. The BWS is trusted and relied upon by the public because the BWS educates and provides information: whether it is opinion ,

	<i>tests results, or predictions it is all extremely valuable to the public. Also, submitted written testimony.</i>
Ilima DeCosta	<i>Commented that the BWS's mission is very important. Expressed her support for the BWS and their mission. Also, submitted and stands on her written testimony.</i>
Awapuhi Kalauli Robinson	<i>Shared a Kauna that she connected with: Ai kaula koko o kala lahui aola ai. Here is the water of our people, our blood is in this place. Expressed her support and give mahalo to the BWS.</i>
Ku'uleilehua Mānoa Makekau	<i>Shared that for Hawaiians it is rude to stand with their hands behind their back or share information and shared an olelō: wai wai, which means wealth. She expressed her support and mahalo nui loa to the BWS.</i>
Sergio Alcubilla	<i>Commented that the trust the public has for the BWS is symbolic. Expressed his support for the BWS.</i>
Marti Townsend	<i>Shared that she is outraged and appalled with what the Navy is asking the DOH and EPA to do. Expressed her support for the BWS.</i>
Tara Rojas	<i>Commented that the public demand accountability from the Military, the EPA, and the DOH. Expressed her gratitude to the BWS.</i>

At 3:07, Board Member Bryan Andaya disconnected from Zoom and left the Board Meeting.

There was remote testimony:

Patti Choi	<i>Expressed her support for the BWS. Also, submitted written testimony.</i>
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Sherry Pollack	<i>Thanked the BWS for hardwork, dedication, and service. Also, submitted and stands by her written testimony.</i>
Mai Lin Hall	<i>Expressed her mahalo to the BWS and asked that the BWS continue to stand by the community and be its water expert. Also, submitted written testimony.</i>
Dave Mulinex	<i>Commented that the Military decieved the public and expressed her support for the BWS. Also, submitted written testimony.</i>
Susan Gorman-Chang	<i>Expressed disappointment with the Military and her support for the BWS. Also, submitted written testimony.</i>
Healani Sonoda Pale	<i>Expressed her support for the BWS. Also, submitted and stands on her written testimony.</i>
Jamie Simic	<i>Expressed her mahalo to the BWS for giving community members a safe place to come. Also, submitted written testimony.</i>
Gina Hara	<i>Suggested that the BWS ask for more funding and look into using indigenous microorganisms to remediate our aquifer. Also, submitted written testimony.</i>

There was in-person testimony:

Wayne Tanaka	<i>Commented that the community needs to continue to pressure the Military. Stands in strong support of the BWS.</i>
Susan Pcola-Davis	<i>Stated that she was not the person who leaked the letter to the news. As a response to the Military's letter, her testimony on lead all come from the Military's Safe</i>

	<i>Water site. Expressed her appreciation to the BWS for the opportunity she is given to share what she has gathered and learned. Also, submitted written testimony.</i>
Eddie Dobles	<i>Stated that as a haole, not from here, the greatest thing he's learned is to respect the Aina. Expressed his support for the BWS and how much he is grateful for the BWS.</i>

Chair Anthony stated that there was written testimony and read their names into the record:

Rosanne Michaud	<i>Expressed his support for what the BWS is doing to keep Oahu's water.</i>
Guy Kudo	<i>Stands in support of the BWS.</i>
Diane Fujimura	<i>Commented that she was appalled when she read the statements made about the BWS. Expressed her support for the BWS.</i>
Cullen Hayashida	<i>Stands in full support of the BWS.</i>
Connie Chun	<i>Commented that Oahu owes the BWS a debt of gratitude. He thanked the BWS.</i>
Janice Toma Shiira	<i>Expressed in support of the BWS and the their work.</i>
Noel Shaw	<i>Expressed in strong support of the BWS as the community navigates through the repercussions of the Military's negligence to Oahu's water.</i>
Colonel Ann Wright	<i>Commented on the news coverage regarding a letter that made accusations made against the BWS by the Military.</i>
Ashley Nishihara	<i>Expressed in support of the BWS, and praise the BWS for their</i>

Chair
Anthony thanked
everyone who came
to testify.

At 3:48 PM,
Chair Anthony
called for a recess.

At 3:53 PM,
Chair Anthony
called the meeting
back to order.

	<i>constant championing despite the opposition.</i>
Laura Brier	<i>Stands in strong support of the BWS.</i>
Alana Hart	<i>Expressed in strong support of the BWS and its efforts to hold the Military accountable for its mismanagement of the the Red Hill Bulk Fuel Storage Facility.</i>
Meredith Wilson	<i>Commented on September 6, 2024, and October 17, 2024 letters. Expressed her mahalo to the BWS for their steadfastness.</i>
Lorrin Pang	<i>Shared information on a study she did regarding water contamination in a different state and the similarities that Oahu is facing.</i>
Karen Scharfenstein	<i>Commented on the BWS leadership and work to keep Oahu waters clean.</i>
Elna Nagasako	<i>Expressed in support of the BWS and appreciates their transparency.</i>
Kristen Young	<i>Expressed his mahalo to the BWS for steadfast advocacy and protection of Oahu's water,</i>
Kara Akiyama	<i>Thanked the BWS for advocating for the island's precious water aquifers.</i>
Arleen Velasco	<i>Expressed appreciation for the BWS leadership, work, and courage to protect Oahu's freshwater resource.</i>
Aree Worawongwasu	<i>Commented on the Military's recent actions. Expressed gratitude to the BWS for their tireless efforts and dedication to truth and transparency.</i>
Xavier Bonilla Lozano	<i>Expressed in support of the BWS and commented on the Military's actions.</i>



OCTOBER 2024 RED HILL UPDATES

October 28, 2024

boardofwatersupply.com

AGENDA

- Recent Red Hill Updates
- Per- and Polyfluoroalkyl Substance(PFAS) Detection at Halawa Shaft

RECENT EVENTS



10/8

- Hawaii State Department of Health Open House

10/9

- Fuel Tank Advisory Committee Meeting

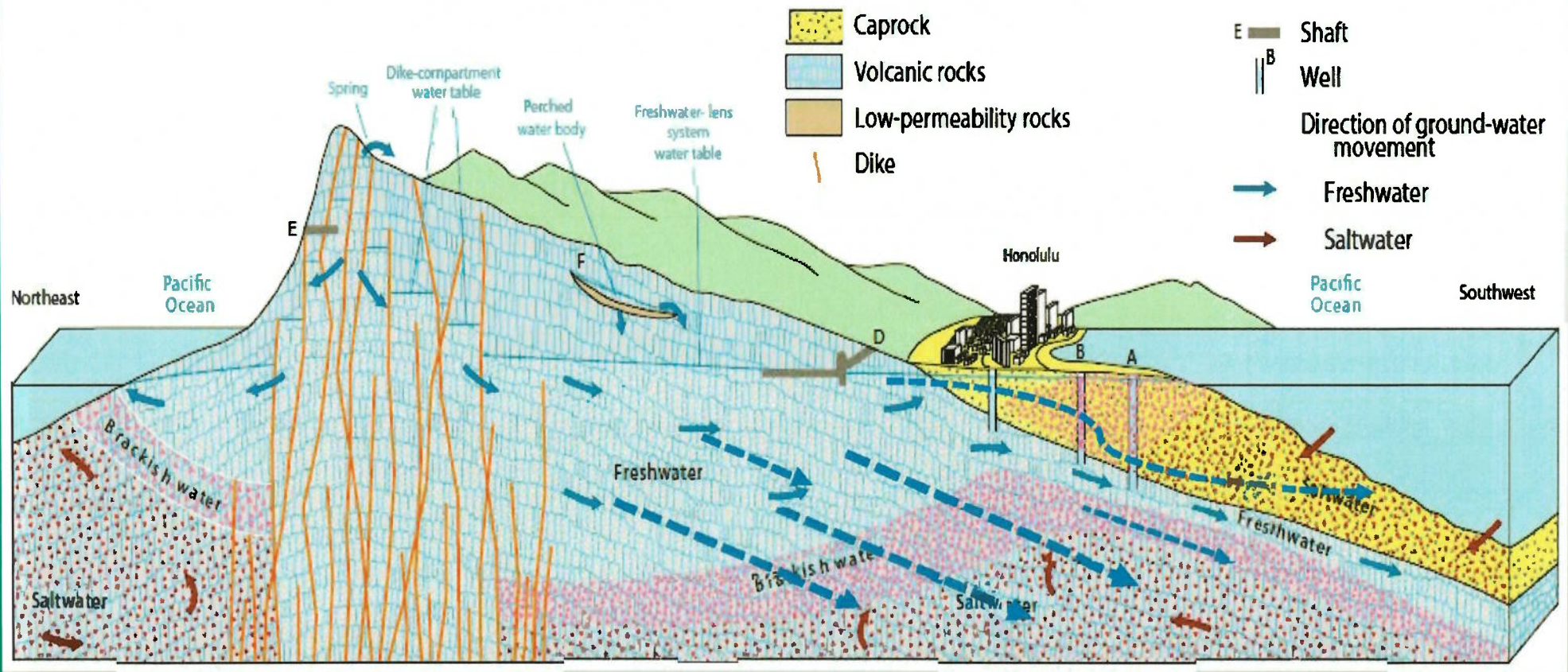
10/16

- Navy Groundwater Flow Model Webinar

10/17

- Community Representation₃ Initiative #13





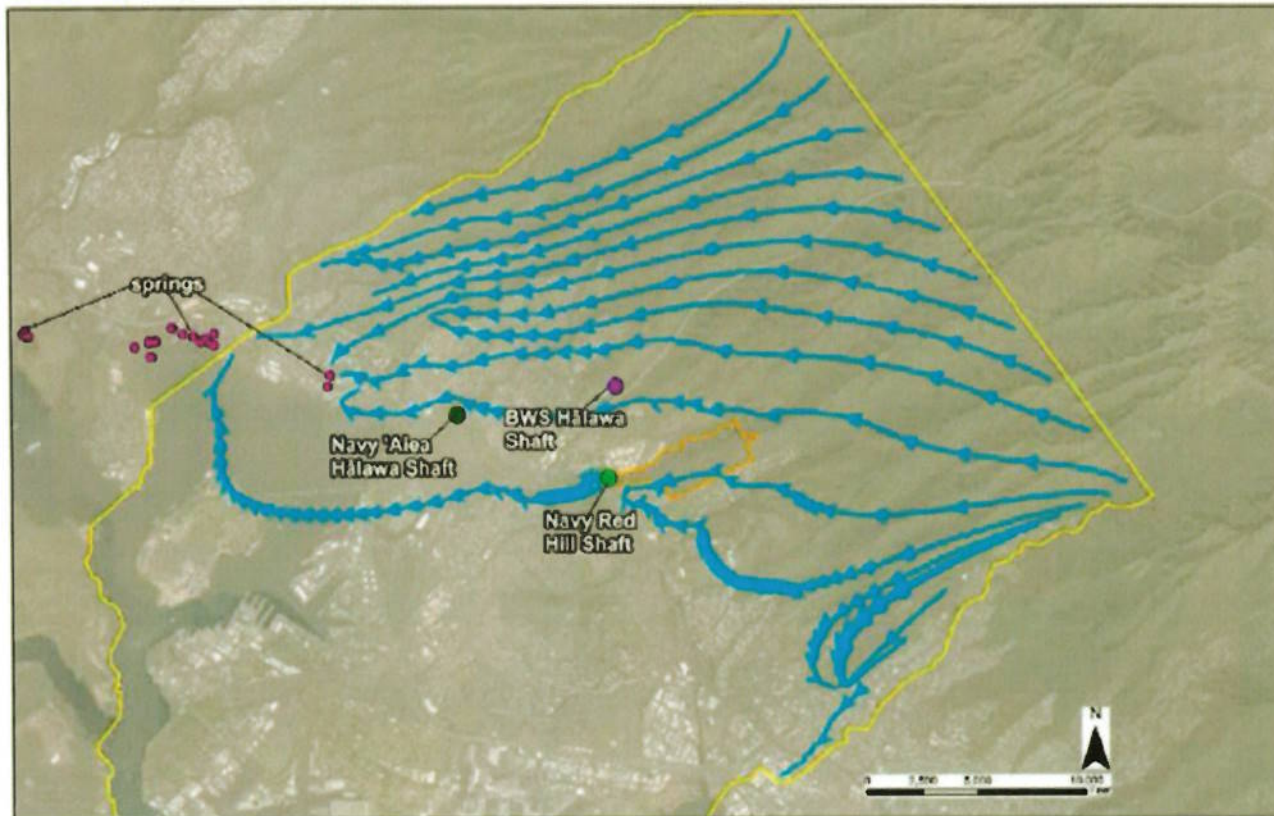
NOT TO SCALE





Modeled Groundwater Flow RHS Pumping at 4.3 MGD, Halawa Shaft Off

SAFE. DELIBERATE. ENGAGED. COMMITTED.

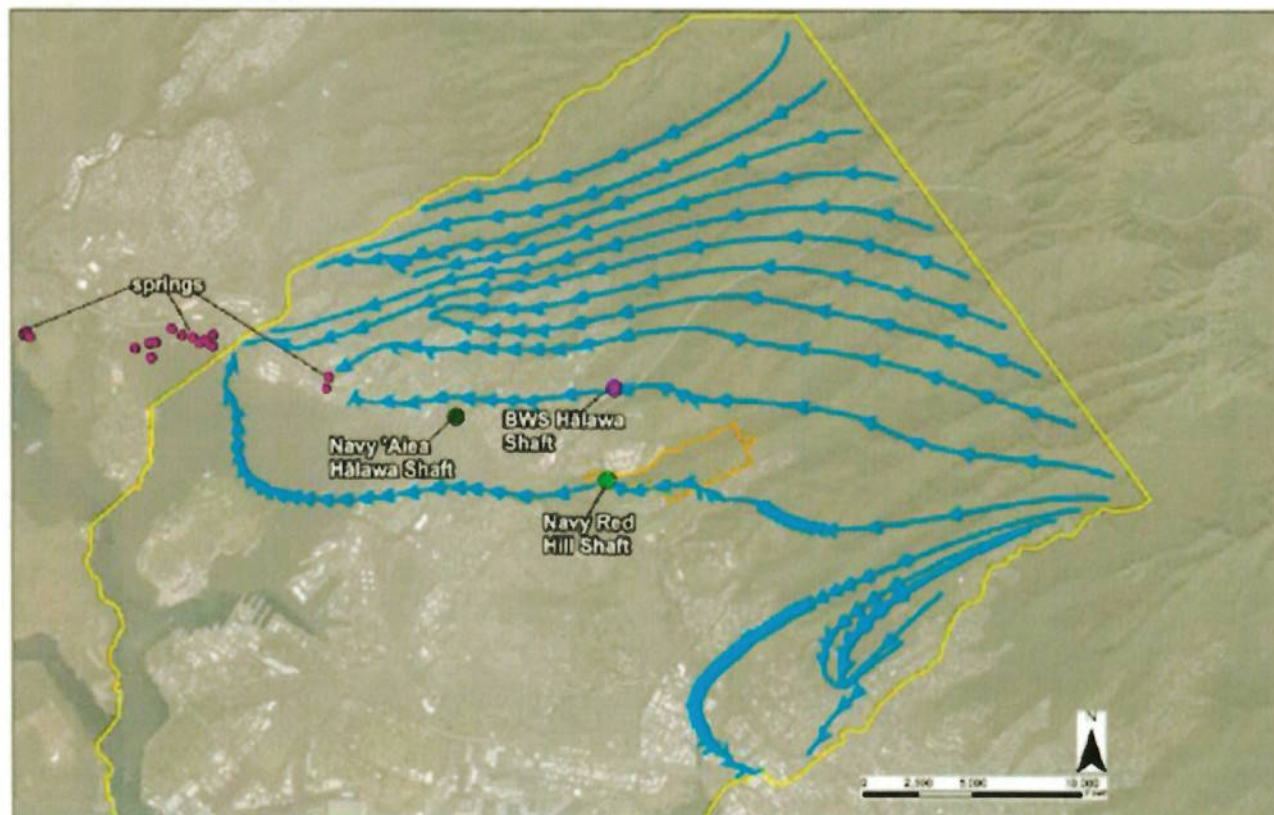


Source: Navy Closure Task Force Presentation on Groundwater Flow Model, October 16, 2024





Modeled Groundwater Flow RHS Off, Halawa Shaft Off



Source: Navy Closure Task Force Presentation on Groundwater Flow Model, October 16, 2024

22





Modeled Groundwater Flow from the Tank Farm RHS Pumping at 4.3 MGD, Halawa Shaft Off

SAFE. DELIBERATE. ENGAGED. COMMITTED.



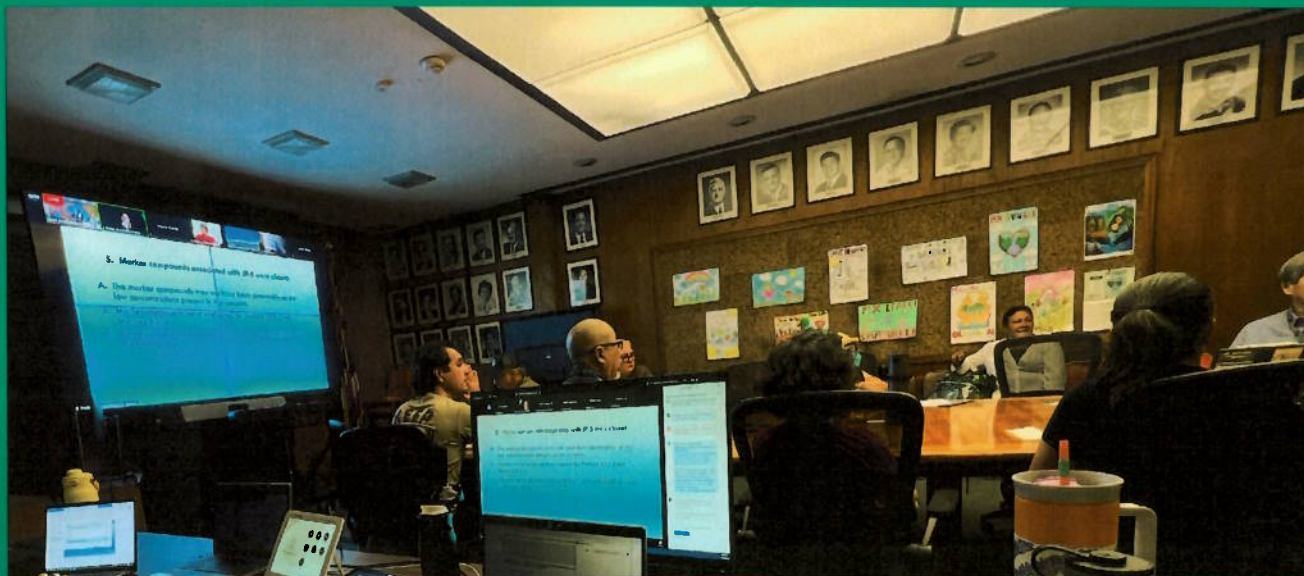
The model predicts groundwater under the tank farm will be captured by pumping at Red Hill Shaft.

Source: Navy Closure Task Force Presentation on Groundwater Flow Model, October 16, 2024



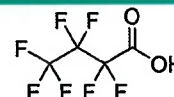
UPCOMING EVENTS

- Red Hill Remediation Roundtable
- Subject Matter Expert Meeting



WHAT ARE PFAS?

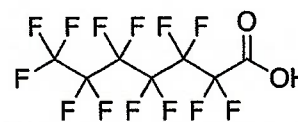
- Per- and polyfluoroalkyl substances (PFAS) are a family of chemicals used since the 1940s to make consumer and industrial products resistant to water, heat, and stains.
- PFAS can leach into groundwater and contaminate drinking water.
- Persistent in the environment and do not easily break down.
- Potential adverse health impacts including liver damage, decreased fertility, hormone suppression and cancer.



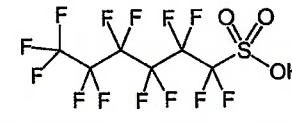
Perfluorobutanoic acid (PFBA)



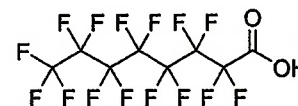
Perfluorobutane sulfonic acid (PFBS)



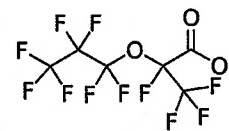
Perfluoroheptanoic acid (PFHpA)



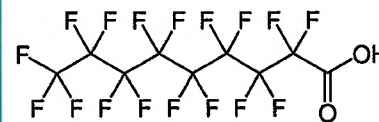
Perfluorohexane sulfonic acid (PFHxS)



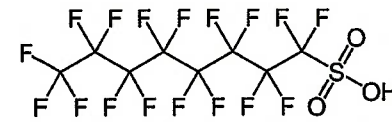
Perfluorooctanoic acid (PFOA)



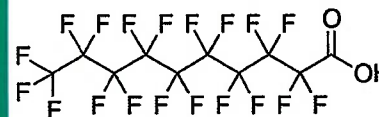
Hexafluoropropylene oxide dimer acid (HFPO-DA or GenX)



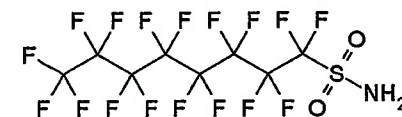
Perfluorononanoic acid (PFNA)



Perfluorooctane sulfonic acid (PFOS)



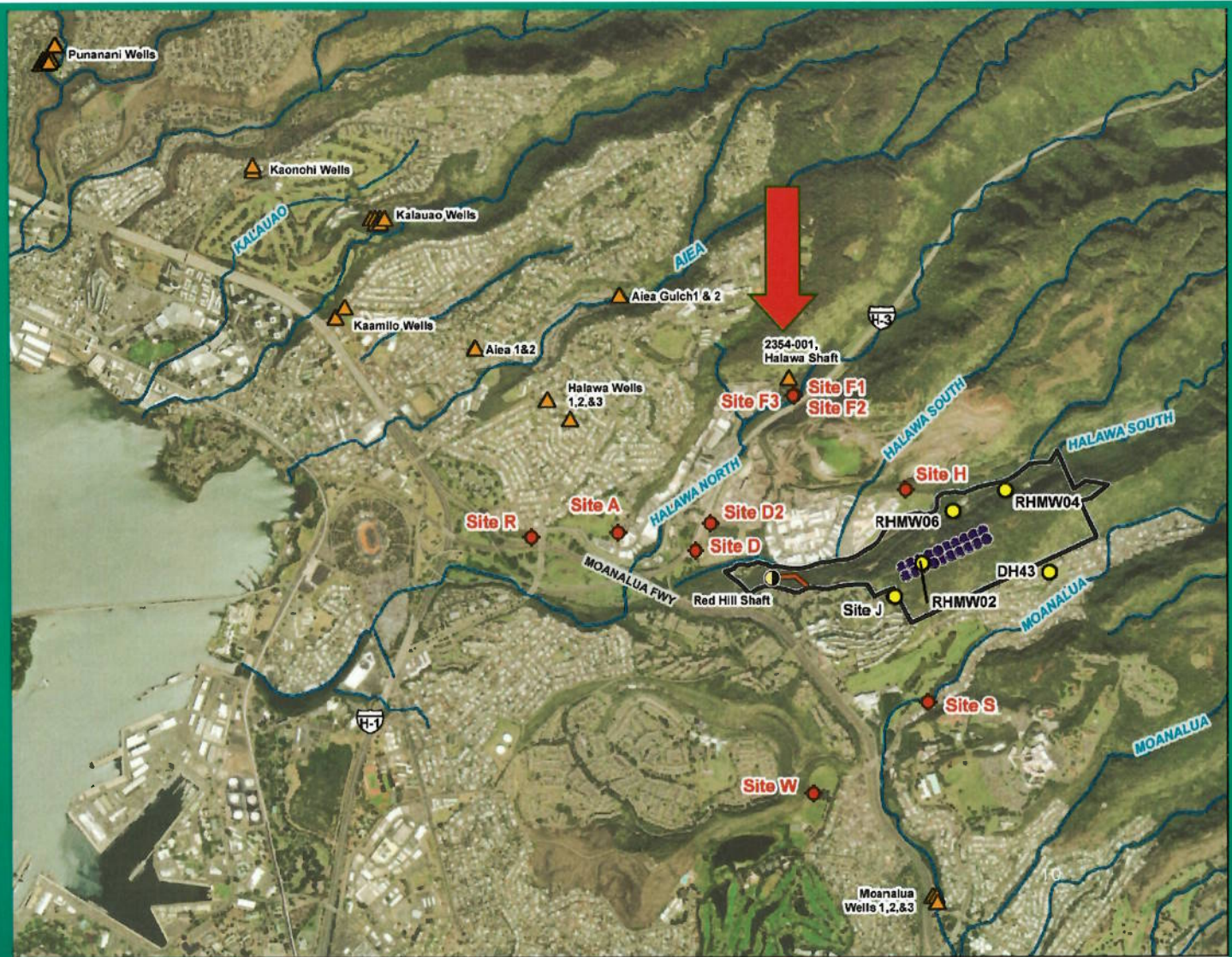
Perfluorodecanoic acid (PFDA)

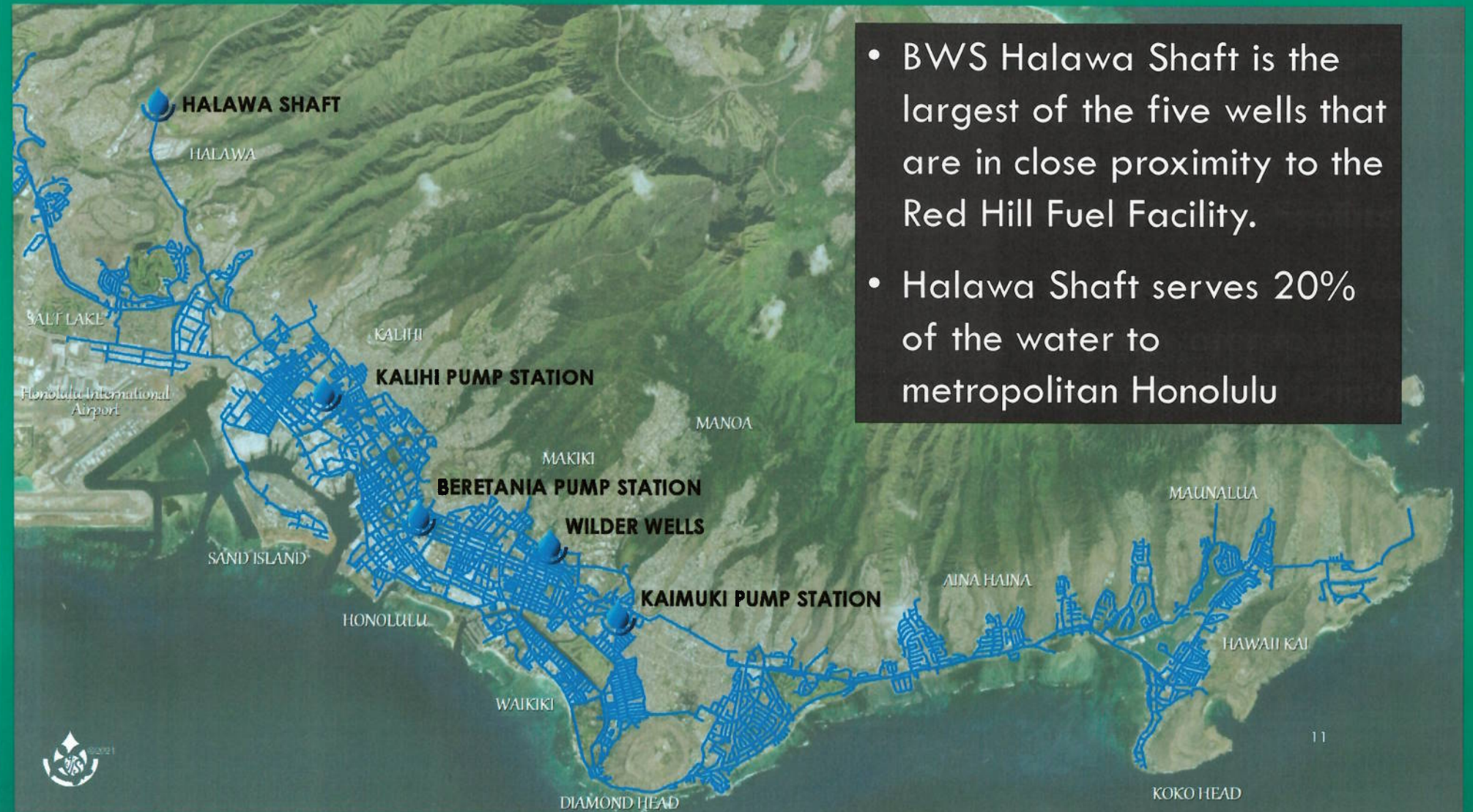


Perfluorooctanesulfonamide (PFOSA)

WHERE IS BWS HALAWA SHAFT ?

- Halawa Shaft is 0.94 miles to the northwest of the Red Hill facility
- BWS stopped pumping Halawa Shaft on December 2, 2021, soon after the Navy Red Hill Shaft contamination incident on November 20, 2021.





- BWS Halawa Shaft is the largest of the five wells that are in close proximity to the Red Hill Fuel Facility.
- Halawa Shaft serves 20% of the water to metropolitan Honolulu

Laboratory Test Results

All values in ng/L (ppt)

	BWS Halawa Shaft												Navy (1)(2)				
	4/13/2020		4/13/2021		12/5/2022		8/6/2024		8/20/2024		8/27/2024		RHP01	RHP01	RHP07	RHP08	NMW32
Sample date	4/13/2020		4/13/2021		12/5/2022		8/6/2024		8/20/2024		8/27/2024		9/12/2023	9/13/2023	9/14/2023	9/20/2023	9/18/2023
EEA Report no.	865885		929317		380-30484		380-107748		380-109897		380-110890		NA	NA	NA	NA	NA
EPA Method	533	537.1	533	537.1	533	537.1	533	537.1	533	537.1	533	537.1	1633	1633	1633	1633	1633
Analyte																	
Perfluorobutanesulfonic acid (PFBS)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.3	ND	ND	3.9
Perfluorobutanoic acid (PFBA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14.2	ND	ND	ND
Perfluoropentanoic acid (PFPeA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.5	12.3	ND	ND	ND
Perfluorohexanesulfonic acid (PFHxS)	NA	ND	ND	ND	4.2	3.9	3.2	4	3.5	4	3.7	3.6	4.9	5	ND	ND	9.7
Perfluorohexanoic acid (PFHxA)	NA	ND	ND	ND	2.1	ND	ND	ND	ND	ND	ND	ND	4.4	6.3	ND	ND	4.5
Perfluoroheptanoic acid (PFHpA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.9	5	ND	ND	ND
Perfluorooctanesulfonic acid (PFOS)	NA	ND	ND	ND	4.9	3.2	3.3	3.8	3.3	3.6	3.4	3.4	13.2	16 J	9	3.9	14.7
Perfluorooctanoic acid (PFOA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.9	5.8	ND	ND	ND

Halawa Shaft operations shut down on 12/2/21 in response to November 2021 JBPHH water contamination

Samples collected after 12/5/21 from water table under static pumping conditions

ND = Not detected

NA = Not available

1. Reference: Per-and Polyfluoroalkyl Substances Delineation Baseline Groundwater Wells Investigation Report, Naval Facilities Engineering Command Pacific, November 27, 2023

2. See Navy map for well locations

PFHxS and PFOS present in BWS Halawa Shaft and Navy's monitoring wells

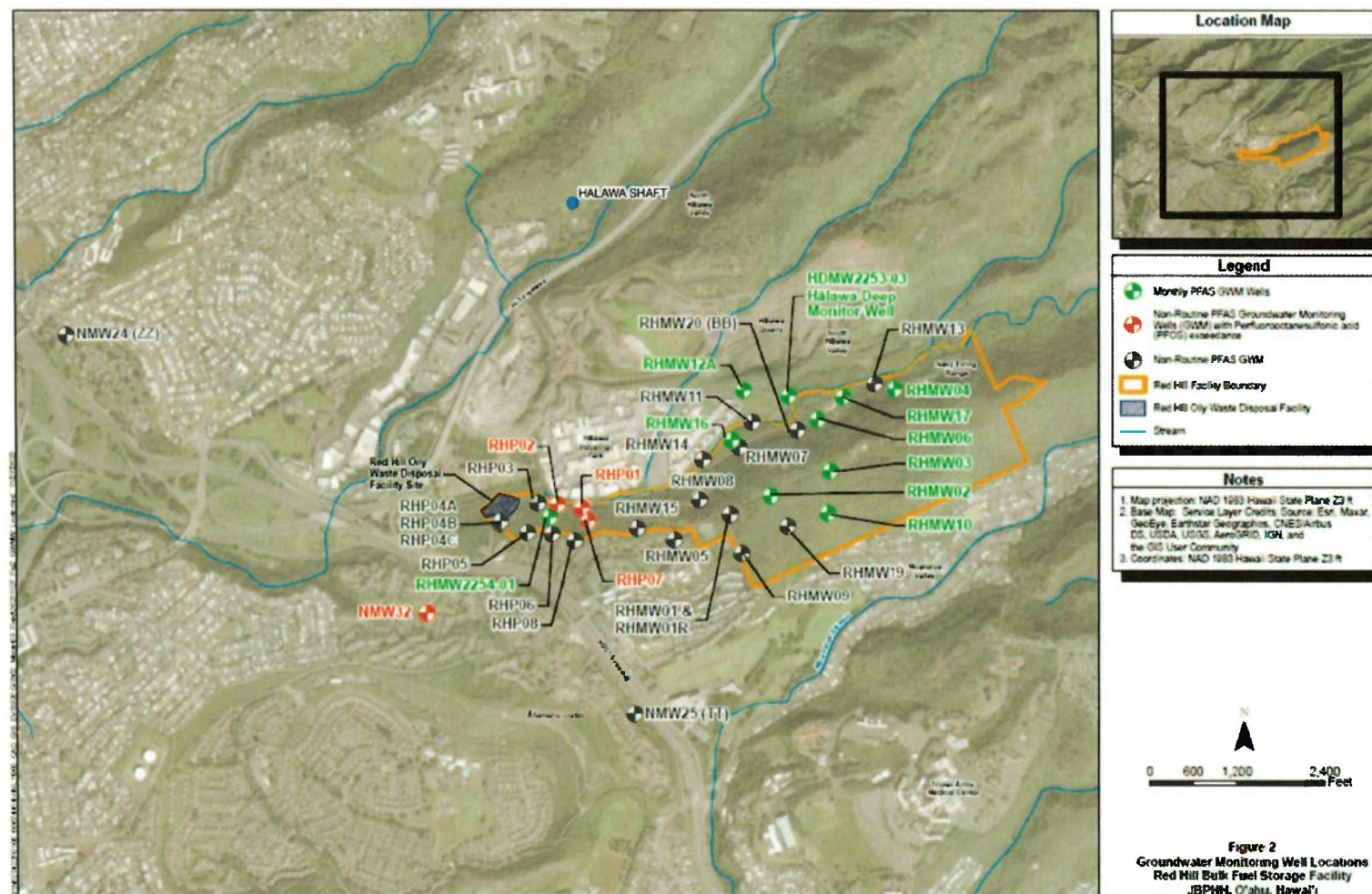


Navy (1)(2)								
	RHP02	RHP02	RHP03	RHMW08	RHP04A	RHP05	RHP06	NMW25
Sample date	9/13/2023	9/13/2023	9/14/2023	9/26/2023	9/15/2023	9/18/2023	9/20/2023	9/21/2023
EEA Report no.	NA	NA	NA	NA	NA	NA	NA	NA
EPA Method	1633	1633	1633	1633	1633	1633	1633	1633
Analyte								
Perfluorobutanesulfonic acid (PFBS)	4.3	3.6	ND	ND	ND	ND	ND	ND
Perfluorobutanoic acid (PFBA)	14.2	ND	ND	ND	ND	ND	ND	ND
Perfluoropentanoic acid (PFPeA)	12.3	11.2	ND	10.4	ND	ND	ND	ND
Perfluorohexanesulfonic acid (PFHxS)	5.0	4.5	4.0	ND	4.6	5.2	4.5	4.2
Perfluorohexanoic acid (PFHxA)	6.3	5.8	ND	ND	ND	ND	ND	ND
Perfluoroheptanoic acid (PFHpA)	5.0	5.2	ND	ND	ND	ND	ND	ND
Perfluorooctanesulfonic acid (PFOS)	ND	ND	5.1	ND	ND	ND	4.1	ND
Perfluorooctanoic acid (PFOA)	5.8	5.2	ND	ND	ND	ND	ND	ND

1. Reference: Per-and Polyfluoroalkyl Substances Delineation Baseline Groundwater Wells Investigation Report, Naval Facilities Engineering Command
2. See Navy map for well locations

PFHxS and PFOS present in BWS Halawa Shaft and Navy's monitoring wells





EPA PFAS STANDARDS

Chemical	Maximum contaminant level goal (MCLG)	Maximum contaminant level (MCL)
Perfluorooctanoic Acid (PFOA)	0	4.0 ppt
Perfluorooctane sulfonic acid (PFOS)	0	4.0 ppt
Perfluorononanoic acid (PFNA)	10 ppt	10 ppt
Perfluorohexane sulfonic acid (PFHxS)	10 ppt	10 ppt
HFPO-DA (GenX chemicals)	10 ppt	10 ppt
Mixture of two or more: PFNA, PFHxS, HFPO-DA and PFBS	Hazard index of 1	Hazard index of 1

Note:

HFPO-DA = Hexafluoropropylene oxide dimer acid

PFBS = Perfluorobutane sulfonate



WHAT DOES THE PAH AND PFAS RESULTS MEAN?

- Reaffirms BWS concerns with past fuel releases from Red Hill and impact to aquifer and environment.
- Reaffirms decision to shut down three BWS wells (Halawa Shaft, Aiea Wells and Halawa Wells) soon after JBPHH water crisis.
- The three BWS wells to remain shut down indefinitely – Restart is uncertain.





MAHALO!

October 2024 Red Hill Updates

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

BWS BOARD MEETING – PUBLIC TESTIMONY LIST – 10/28/2024, FINAL

COUNT OF TESTIMONY BY ACTION ITEM

ITEM	TOTAL	IN-PERSON	REMOTE	WRITTEN
01: Approval of the Minutes of the Regular Meeting Held on Sept 23, 2024	0			

COUNT OF TESTIMONY BY INFORMATION ITEM

ITEM	TOTAL	IN-PERSON	REMOTE w/ WRITTEN	WRITTEN
01: Update on the BWS's Response to the Potential Impacts of the Red Hill Fuel Contamination	38	1 –Walter Chun 2 – Ilima DeCosta 3 – Awapuhi Kalauli Robinson 4 – Ku'uleilehua MĀānoa Makekau 5 – Sergio Alcubilla 6 – Marti Townsend 7 – Tara Rojas 8 – Wayne Tanaka 9 – Susan Pcola-Davis 10 – Eddie Dobles	1 – Susan Gorman-Chang 2 – Patti Choy 3 – Sherry Pollack 4 – Dave Mulinix 5 – Healani Sonoda Pale 6 – Xavier Bonilla Lozano 7 – Mai Lin Hall 8 – Jamie Simic 9 – Gina Hara	1 – Roseann Michaud 2 – Guy Kudo 3 – Diane Fujimura 4 – Cullen Hayashida 5 – Connie Chun 6 – Janice Toma Shiira 7 – Noel Shaw 8 – Colonel Ann Wright 9 – Ashley Nishihara 10 – Laurel Brier 11 – Alana Hart 12 – Meredith Wilson 13 – Lorrin Pang 14 – Karen Scharfenstein 15 – Elna Nagasako 16 – Kristen Young 17 – Kara Akiyama 18 – Arleen Velasco 19 – Aree Worawongwasu
02: Recruitment Status	0			
03: Status Update of Groundwater Levels at All Index Stations	0			
04: Water Main Repair Report for September 2024	0			

BWS BOARD MEETING – PUBLIC TESTIMONY DETAIL – 10/28/2024

**If provided, written copy of comments for in-person, remote, or written testimony will be attached as follows:*

ITEM #1 - UPDATE ON THE BWS RESPONSE TO THE POTENTIAL IMPACTS OF THE RED HILL FUEL CONTAMINATION

#	IN SUPPORT	SUMMARY	IN-PERSON	REMOTE	WRITTEN
1	Walter Chun		Y		Y
2	Roseann Michaud				Y
3	Diane Fujimura				Y
4	Cullen Hayashida				Y
5	Connie Chun				Y
6	Janice Toma Shiira				Y
7	Noel Shaw				Y
8	Colonel Ann Wright				Y
9	Ashley Nishihara				Y
10	Ilima DeCosta		Y		Y
11	Lorrin Pang				Y
12	Karen Scharfenstein				Y
13	Dave Mulinix			Y	Y
14	Kristen Young				Y
15	Arleen Velasco				Y
16	Xavier Bonilla Lozano				Y
17	Mai Lin Hall			Y	Y
18	Awapuhi Kalauli Robinson		Y		
19	Ku'uleilehua Mānoa Makekau		Y		
20	Sergio Alcubilla		Y		
21	Marti Townsend		Y		
22	Tara Rojas		Y		
23	Wayne Tanaka		Y		
24	Jamie Simic			Y	Y
25	Gina Hara			Y	Y
#	IN OPPOSITION	SUMMARY	IN-PERSON	REMOTE	WRITTEN
1					
#	COMMENT	SUMMARY	IN-PERSON	REMOTE	WRITTEN
1	Guy Kudo				Y
2	Laurel Brier				Y
3	Alana Hart				Y
4	Meredith Wilson				Y
5	Elna Nagasako				Y
6	Susan Gorman-Chang			Y	Y
7	Patti Choy			Y	Y
8	Sherry Pollack			Y	Y
9	Healani Sonoda Pale			Y	Y
10	Kara Akiyama				Y
11	Susan Pcola-Davis		Y		Y
12	Eddie Dobles		Y		
13	Aree Worawongwasu				Y

Stella Bernardo

From: contactus=notify2.boardofwatersupply.com@mg.boardofwatersupply.com on behalf of contactus@notify2.boardofwatersupply.com
Sent: Sunday, October 27, 2024 5:43 PM
To: Stella Bernardo; Board of Water Supply Board of Directors
Subject: Board Meeting Testimony Submittal or Request - October 28, 2024 - Walter Chun

Follow Up Flag: Flag for follow up
Flag Status: Flagged

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BWS TESTIMONY SUBMITTAL / REQUEST TO TESTIFY FORM

Form Submitted on: 10/27/2024 5:41:44 PM

Meeting Date: October 28, 2024

I wish to provide Written testimony + request to give in-person oral testimony at 630 S. Beretania Street

TESTIFIER INFORMATION

Full Name Walter Chun

Email oshman222@gmail.com

Phone (optional) (808) 375-2048

TESTIMONY DETAILS

Agenda Item Info Item #1: Update on the BWS's Response to the Potential Impacts of the Red Hill Fuel Contamination

Your Position on Matter Support

Representing Self

I wish to provide Written testimony + request to give in-person oral testimony at 630 S. Beretania Street

Written Testimony (if entered on the online form; otherwise see attached)

The responses to the BWS from EPA and HI DOH, dated 10/17/2024 was alarming and discerning. The response also included a copy of the Navy's letter of Sept 6, 2024 accusing the BWS of "continuing misinformation" and requesting the regulators to help counter misinformation by educating the public about EPA standards and the Navy's data. The Navy's gaslighting and false information since the 2021 fuel release has continued and has been a constant concern by the public. Rather than going through the list of misinformation and lies we will just point out that the Navy's statements that the lead in the drinking water is safe is the biggest lie. EPA, CDC, and the international health organizations have emphasized the fact that lead in the drinking water is a neurotoxin and there is no safe levels of exposure. The Navy's public statements that the lead in the drinking water meets regulator standards and is safe is not true. The EPA/DOH response requesting the BWS to seek EPA and DOH input into the BWS analysis prior to public presentations is a grave concern. WE CANNOT ALLOW THE BWS TO BE STIFLED, SILENCED AND CENSORED!!!! We trust the BWS and cannot say the same for the Navy and the regulators. The BWS has been outspoken and warriors for the protection of our drinking water and the protection of human health. The BWS are the gatekeepers with the integrity and strength to protect us. History speaks for itself. The BWS acted immediately and without hesitation to ensure Oahu's public drinking system was protected by isolating it from the Navy's release of jet fuel. The BWS has treated the public with respect and honesty. We know Ernie and Erwin's names because they meet with us, talk with us, share information, and actively work to educate us. None can be said for EPA and the Navy. We support the BWS and are grateful to the BWS, Ernie and Erwin for protecting us.

ACKNOWLEDGEMENTS

Terms and Agreement Check Box

I UNDERSTAND and ACCEPT that all public meeting transcripts and testimony are public documents. Therefore, any testimony that is submitted orally or in writing, electronically or in person, for use in the meeting process is public information.

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Stella Bernardo

From: Ilima DeCosta <adecosta808@icloud.com>
Sent: Sunday, October 27, 2024 11:57 PM
To: Board of Water Supply Board of Directors
Subject: Testimony in Support of the BWS and Lau
Attachments: DeCosta BWS BoD Testimony in Support of BWS, Lau Oct 2024.pdf

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Aloha,

Attached, please find my testimony in support of the Board of Water Supply, its Board and employees, in particular, its Manager and Lead Engineer, Ernest Lau.

Please note that I would like to present my testimony in person at tomorrow's BoD meeting.

Mahalo piha,
Ilima DeCosta
Red Hill CRI Co-Secretary & Oahu Member At Large
808.365.2611

Sent from my iPad

28 October 2024

Board of Water Supply
Board of Directors
630 South Beretania Street
Honolulu, Hawai'i 96813

Re: Testimony in Support of the Board of Water Supply, Ernest Lau

Aloha mai kakou,

Mahalo for the opportunity to testify in support of the Board of Water Supply, its employees and its Board, specifically its Manager and Chief Engineer, Ernest Lau.

Following the first notice of contamination at Red Hill, it was Lau and the leadership of the BWS that helped to steward the closure of the fuel tanks that had been in place for several generations. Thanks to the quick and proactive actions by Lau and the BWS leaders, the remaining wells have been protected from contamination.

In addition to their technical expertise in protecting our most precious natural resource, Lau and the leadership at the BWS have shown a deep commitment to the community they serve. Lau has been an exemplary leader and mentor, rightly earning the enduring trust of the community.

My appreciation extends to Lau's team and the entire BWS organization, for continually performing their due diligence in a way that honors the fabric of our local community. Lau is an asset to the BWS and is commended for his compassionate and tempered leadership.

In particular, Lau and the wider BWS organization are commended for their tireless professional and compassionate service to "impacted family members". Lau demonstrates an understanding of the technology, as well as a high level of professionalism and dedication, showing up regularly to public meetings across the island. Lau and his team have demonstrated a profound ability to engage in empathic, collaborative and respectful service to those directly affected by the water contamination - many of whom are still keiki.

Mahalo for being a shining example of the aloha spirit and persisting in your efforts to protect our most precious natural resources : our keiki and our wai.

Ola i ka wai,

Ilima DeCosta
Red Hill CRI Co-Secretary & Oahu Member At Large

Cc: Ernest Lau

Stella Bernardo

From: contactus=notify2.boardofwatersupply.com@mg.boardofwatersupply.com on behalf of contactus@notify2.boardofwatersupply.com
Sent: Monday, October 28, 2024 9:45 AM
To: Stella Bernardo; Board of Water Supply Board of Directors
Subject: Board Meeting Testimony Submittal or Request - October 28, 2024 - Patti Choy

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BWS TESTIMONY SUBMITTAL / REQUEST TO TESTIFY FORM

Form Submitted on: 10/28/2024 9:43:44 AM

Meeting Date: October 28, 2024

I wish to provide Written testimony + request to give remote oral testimony by Zoom videoconference

TESTIFIER INFORMATION

Full Name Patti Choy

Email halamango@gmail.com

Phone (optional) (917) 575-4103

TESTIMONY DETAILS

Agenda Item Info Item #1: Update on the BWS's Response to the Potential Impacts of the Red Hill Fuel Contamination

Your Position on Matter I wish to comment

Representing Self

I wish to provide

Written testimony + request to give remote oral testimony by Zoom
videoconference

**Written
Testimony
(if entered on
the online form;
otherwise see
attached)**

Mahalo to Ernie Lau, Erwin Kawata and staff for your trusted work on protecting our aquifer from the reckless neglect and actions of the US Navy. The Navy's disgraceful attempts to dismiss your work and findings, and to smear your reputation with misinformation, is so deceitful that it reinforces an already strong will to support the Board of Water Supply and to remain steadfast to your work for the people. As we live with the guiding principle that water is life and to protect our water is a fundamental need, the EPA and the State Department of Health must stop enabling the politicization of our water and cease protecting the Navy, as it tries to distract the public from the truth about their water system and continues the destruction of our 'aina, water and people. To the Navy: By attacking the Board of Water Supply, you have chosen the incorrect entity to scapegoat. To undermine the integrity of the Board of Water Supply is another blow to the people of O'ahu. Your disrespect of the Board of Water Supply is an affront to all residents. Hands off our Board of Water Supply. To the Board of Water Supply: Thank you for your tremendous work! Your truth and sense of responsibility to the residents of O'ahu has pushed the Navy, the EPA and the Department of Health to a new low, as they cling together to attack you. Their desperation proves your leadership and work is making a truthful impact for the community. Thank you very much.

ACKNOWLEDGEMENTS

**Terms and
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Check Box**

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From: contactus=notify2.boardofwatersupply.com@mg.boardofwatersupply.com on behalf of contactus@notify2.boardofwatersupply.com
Sent: Monday, October 28, 2024 10:16 AM
To: Stella Bernardo; Board of Water Supply Board of Directors
Subject: Board Meeting Testimony Submittal or Request - October 28, 2024 - Sherry Pollack

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BWS TESTIMONY SUBMITTAL / REQUEST TO TESTIFY FORM

Form Submitted on: 10/28/2024 10:15:33 AM

Meeting Date: October 28, 2024

I wish to provide Written testimony + request to give remote oral testimony by Zoom videoconference

TESTIFIER INFORMATION

Full Name Sherry Pollack

Email davidsher@juno.com

Phone (optional) (808) 239-8276

TESTIMONY DETAILS

Agenda Item Info Item #1: Update on the BWS's Response to the Potential Impacts of the Red Hill Fuel Contamination

Your Position on Matter Support

Representing Self

I wish to provide

**Written testimony + request to give remote oral testimony by Zoom
videoconference**

**Written
Testimony
(if entered on
the online form;
otherwise see
attached)**

Aloha Board Members, As the third anniversary of the November 2021 Red Hill jet fuel spill catastrophe that sickened thousands approaches, it was particularly upsetting to see the report last Friday night by Hawaii News Now in which the Navy reached a new low by accusing the Board of Water Supply (BWS) of spreading "grossly inaccurate" information about the safety of the military's water. It was with unmitigated gall that they made these accusations. Though I am angry by their disgraceful tactics and false accusations, I am not surprised. Pathological liars, as the Navy clearly is, typically blame others for their lies. They try to deflect blame or shift responsibility onto others. They also try to deceive others to avoid being caught or held accountable for their behavior. The community and BWS are very aware of the Navy's record and the multiple incidents of criminal negligence along the timeline we now call the Red Hill disaster. Red Hill was built in haste and has been leaking ever since despite the Navy's assurances that it is secure. From the 27,000 gallons of fuel that escaped from one of the tanks in 2014 because of the Navy ignoring alarms indicating a leak was occurring for nearly a month, to the Nov. 20, 2021 catastrophe when 14,000 gallons of water and fuel leaked and sickened thousands, these are just two of too many examples of their negligence. And we are not just talking now about jet fuel. We are also dealing with forever chemicals, again, thanks to the negligent Navy. And as if these cases of contamination of our sole-source aquifer weren't bad enough in themselves, it's the Navy's delay, deny, downplay, and deflect tactics that truly make it criminal and unforgivable. Investigations have revealed that from the beginning, Navy officials covered up and misled the public about the active jet fuel leak and skirted legal requirements. Their lack of transparency with the BWS and the public throughout this crisis has harmed thousands, and put all of us at risk. All along the way of this nightmare journey, the only government entity the community has been able to trust and rely on to look out for our health and our precious drinking water is the BWS. We have seen the BWS work tirelessly for years to both try to prevent and now address this water crisis, including having to file a contested case with the DOH to challenge the Navy's permit application to operate the Red Hill tanks when the Navy failed to prove they would not leak, to taking many proactive measures aimed to protect our people and precious wai from toxic contaminants that may be migrating in our island's primary drinking water source in the aftermath of the catastrophic spill that since occurred. We know that global warming causes drought conditions and sea level rise, putting our drinking water supplies at risk, and making protecting our precious wai all the more crucial. We know that water is life. We know that we can trust the BWS as they have repeatedly demonstrated courage throughout the Red Hill crisis, standing up to the Navy and institutional indifference, doing everything they can to ensure our drinking water is safe. Last August, when BWS leaders alerted the public about fuel-related contamination and other chemicals possibly spreading from the Red Hill fuel tanks and that the public's Kaamilo well could shut down they ABSOLUTELY DID THE RIGHT THING. But instead of stepping up and working with the BWS to address their concerns, the Navy has chosen to attack BWS. SHAME ON THEM. I feel confident that I do not speak for myself when I say that I and all Oahu residents that drink water stand with the BWS and give our full support to these awesome Water Protectors. We know that without BWS looking out for us, we would be lost. The BWS are our HEROES. There is no possible way to adequately thank BWS for all they do for us to protect us and our precious

drinking water. Mahalo nui for the opportunity to provide testimony. With deep gratitude and warmest aloha, Sherry Pollack

ACKNOWLEDGEMENTS

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Stella Bernardo

From: contactus=notify2.boardofwatersupply.com@mg.boardofwatersupply.com on behalf of contactus@notify2.boardofwatersupply.com
Sent: Monday, October 28, 2024 1:39 PM
To: Stella Bernardo; Board of Water Supply Board of Directors
Subject: Board Meeting Testimony Submittal or Request - October 28, 2024 - Mai Hall
Attachments: Testimony BWS.docx

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BWS TESTIMONY SUBMITTAL / REQUEST TO TESTIFY FORM

Form Submitted on: 10/28/2024 1:38:53 PM

Meeting Date: October 28, 2024

I wish to provide Written testimony

TESTIFIER INFORMATION

Full Name Mai Hall

Email maikmhall@gmail.com

Phone (optional) (808) 392-8352

TESTIMONY DETAILS

Agenda Item Info Item #1: Update on the BWS's Response to the Potential Impacts of the Red Hill Fuel Contamination

Your Position on Matter Support

Representing Self

I wish to provide Written testimony

**Written
Testimony
(if entered on the
online form;
otherwise see
attached)**

ACKNOWLEDGEMENTS

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Board of Water Supply
October 22, 2024
2:00pm via zoom

Aloha, Chair, Vice Chair and Members

Aia i hea ka wai a Kāne?
Aia i lalo, i ka honua, i ka wai hū
He wai e mana, he wai e ola
E ola nō a

Where is the water of Kāne?
Deep in the ground, in the gushing spring
A water of magic power, the water of life
Long may it live

My name is Mai Hall and I am here today to express my strong support for the Board of Water Supply in response to the critical issues arising from the Red Hill fuel storage facility. As an impacted family member and Native Hawaiian, I understand the vital importance of clean and safe drinking water for our families and our community. Water is not just a resource; it is the at the center of our culture, health, and well-being. The concerns surrounding the contamination from Red Hill are deeply troubling and highlight the urgent need for robust action.

I condemn the United States Navy for their letter dated September 6, 2024 which stated that BWS was sharing misinformation and confusing residents, in essence, to silence the advocacy of BWS. I wanted to mahalo the BWS for listening, learning, and standing with us water protectors to advocate for our most precious resource.

I commend the Board's ongoing efforts to stand firm and resolute in its stance and appreciate your commitment to transparency and accountability. It is essential that we maintain open lines of communication with the community regarding water quality testing and any steps being taken to safeguard our water resources.

Furthermore, I urge the Board to continue advocating for rigorous monitoring and regulation of Red Hill and to implement preventive measures that will protect our environment and public health. We must prioritize the development of policies and infrastructure that prevent similar incidents in the future, ensuring that our water remains clean and safe for all residents of Hawai'i.

In closing, I want to thank the Board for your dedication to protecting our precious water resources. I am asking that the wrongs be made right, for what is pono and just. I echo Ernie Lau, chief engineer of the Board of Water Supply who stated the words printed on every Board of Water Supply truck: There is no substitute for pure water. We need to act now before it is too late and more families and communities are hurt. E ola i ka wai. Water is Life. E Ola!

Mahalo for your time and consideration,

Mai Kapuaoihilani Mei Lin Hall
Red Hill impacted family member
CRI Native Hawaiian member

Stella Bernardo

From: contactus=notify2.boardofwatersupply.com@mg.boardofwatersupply.com on behalf of contactus@notify2.boardofwatersupply.com
Sent: Monday, October 28, 2024 10:35 AM
To: Stella Bernardo; Board of Water Supply Board of Directors
Subject: Board Meeting Testimony Submittal or Request - October 28, 2024 - Dave Mulinix

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BWS TESTIMONY SUBMITTAL / REQUEST TO TESTIFY FORM

Form Submitted on: 10/28/2024 10:34:52 AM

Meeting Date: October 28, 2024

I wish to provide Written testimony + request to give remote oral testimony by Zoom videoconference

TESTIFIER INFORMATION

Full Name Dave Mulinix

Email DavidRayMulinix@GMail.Com

Phone (optional) (808) 239-8276

TESTIMONY DETAILS

Agenda Item Info Item #1: Update on the BWS's Response to the Potential Impacts of the Red Hill Fuel Contamination

Your Position on Matter Support

Representing Organization

**I wish to
provide**

Written testimony + request to give remote oral testimony by Zoom
videoconference

**Written
Testimony
(if entered on
the online form;
otherwise see
attached)**

Aloha Board Members, On behalf of Greenpeace Hawaii we want you to know that the Board of Water Supply has our full support. After the US Navy had been caught lying multiple times about the seriousness of the Red Hill fuel leaks, we were taken aback by the recent revelation that the US Navy had the nerve to falsely accuse the Board of Water Supply of spreading "grossly inaccurate" information. This is just an attempt by the US Navy to shift the blame to the Board of Water Supply and away from their inaction to deal with the Red Hill fuel leaks in a timely manner, their downplaying of the seriousness of the spills, and their outright lies to the community about the dangers to our health and safety. It has been made clear by their actions that the Navy is more concerned about their image than the public's health and safety. We just want you to know that we know that the Board of Water Supply has always been at the forefront, and sometimes the only agency that, in the best interests of the public, has been alerting the public of the dangers to our drinking water and our health, as well as taking actions to protect us. We also know that it is the US Navy who has consistently been the author of spreading "grossly inaccurate" information to the greater community. Bottom line, if the Navy wants to clean up their image, they should listen to and work with the BWS, rather than making false accusations and refusing to take responsibility for their actions. Mahalo Nui Loa for your service and for protecting our precious wai. Dave Mulinix, Greenpeace Hawaii

ACKNOWLEDGEMENTS

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Agreement
Check Box**

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To: Stella Bernardo; Board of Water Supply Board of Directors
Subject: Board Meeting Testimony Submittal or Request - October 28, 2024 - Susan Gorman-Chang

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BWS TESTIMONY SUBMITTAL / REQUEST TO TESTIFY FORM

Form Submitted on: 10/28/2024 9:32:17 AM

Meeting Date: October 28, 2024

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TESTIFIER INFORMATION

Full Name Susan Gorman-Chang

Email sggc@dslextreme.com

Phone (optional) (808) 797-8728

TESTIMONY DETAILS

Agenda Item Info Item #1: Update on the BWS's Response to the Potential Impacts of the Red Hill Fuel Contamination

Your Position on Matter I wish to comment

Representing Self

I wish to provide

Written testimony + request to give remote oral testimony by Zoom
videoconference

**Written
Testimony
(if entered on
the online form;
otherwise see
attached)**

Susan Gorman-Chang October 28, 2024 Board of Water Supply Directors,
Mahalo for allowing me to give testimony. I want to reconfirm and convey my
deepest appreciation for the Board of Water Supply, especially Ernie Lau. He has
been sounding the alarm regarding the risk to our aquifer and thus drinking water
for more than a decade. His methods are scientific and he uses the
precautionary approach which is the only approach that should be taken when
dealing with threats and contamination to our aquifer. The Navy and DOH want
to silence the Board of Water Supply and the Navy and DOH seem to believe
saying the water is safe is sufficient even in light of the evidence uncovered by
Ernie Lau. This is not a public relations issue; it is a health issue and a matter of
life and death for all of us residing on Oahu as we are all dependent upon our
aquifer for our water. I am disappointed in the EPA and the DOH, bowing down
to the Navy's pressuring tactics, even using the Navy's language from the Navy's
September 6, 2024 letter, stating, the Board of Water Supply has "created
significant public confusion". This phrase sells all of us short and is
condescending. We residents are not confused; we are concerned and have
every scientifically based reason to be! The EPA and DOH furthermore stated in
their letter, asking the BWS to "seek EPA and DOH input into the BWS analysis
prior to public presentations." This is an unreasonable ask that seeks to silence
the BWS. Again, I thank the BWS for all their scientific work and for being the
only agency that is truly about protecting our water and our health.

ACKNOWLEDGEMENTS

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To: Stella Bernardo; Board of Water Supply Board of Directors
Subject: Board Meeting Testimony Submittal or Request - October 28, 2024 - Healani Sonoda Pale

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Form Submitted on: 10/28/2024 11:38:50 AM

Meeting Date: October 28, 2024

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TESTIFIER INFORMATION

Full Name Healani Sonoda Pale

Email healanipale@gmail.com

Phone (optional) (808) 372-2512

TESTIMONY DETAILS

Agenda Item Info Item #1: Update on the BWS's Response to the Potential Impacts of the Red Hill Fuel Contamination

Your Position on Matter I wish to comment

Representing Organization

I wish to provide

Written testimony + request to give remote oral testimony by Zoom
videoconference

**Written
Testimony
(if entered on
the online form;
otherwise see
attached)**

Aloha Chair Anthony, Vice Chair Kaneshiro, and Members of the Board, On behalf of Ka Lāhui Hawai'i, a Native Hawaiian initiative for self-determination and the protection of our 'āina, wai, and future generations, I extend heartfelt gratitude to the Board of Water Supply for its dedication to safeguarding O'ahu's vital water resources. Your commitment to protecting our aquifers in the face of the contamination threats posed by the Red Hill Bulk Fuel Storage Facility has been nothing short of critical for the health and safety of O'ahu's residents. Since 2014, BWS has raised the alarm on the risks associated with the Red Hill tanks, calling for transparency, accountability, and immediate action. When other agencies failed to prioritize these risks, BWS remained vigilant, advocating for independent water testing, clear communication with the public, and urgent proactive safety measures. Your commitment echoes the Native Hawaiian values of mālama 'āina and mālama i ka wai—principles central to our people's relationship with the land and water. The contamination crisis in 2021, which harmed over 93,000 residents, underscored the critical importance of BWS's work and foresight. Your efforts to protect our wai ola—our water of life—have raised public awareness, increased accountability, and pushed for the permanent closure of the Red Hill tanks. This dedication ensures that our communities, our ecosystems, and future generations are protected. Ka Lāhui Hawai'i stands in support of BWS and its work to secure a future where O'ahu's people have safe, uncontaminated drinking water. We mahalo you for standing strong and upholding the safety, health, and well-being of our 'āina and our people. Aloha nō, mahalo nui, and please know that Ka Lāhui Hawai'i and the O'ahu Water Protectors are in steadfast support of your essential work. Me ka ha'aha'a, Healani Sonoda-Pale Public Affairs Officer, Ka Lāhui Hawai'i Lead Organizer, O'ahu Water Protectors

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To: Stella Bernardo; Board of Water Supply Board of Directors
Subject: Board Meeting Testimony Submittal or Request - October 28, 2024 - Jamie Simic

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Form Submitted on: 10/28/2024 3:05:26 PM

Meeting Date: October 28, 2024

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TESTIFIER INFORMATION

Full Name Jamie Simic

Email Jamiesimic1@gmail.com

Phone (optional) (850) 829-5148

TESTIMONY DETAILS

Agenda Item Info Item #1: Update on the BWS's Response to the Potential Impacts of the Red Hill Fuel Contamination

Your Position on Matter I wish to comment

Representing Self

**I wish to
provide**

Written testimony + request to give remote oral testimony by Zoom
videoconference

**Written
Testimony
(if entered on
the online form;
otherwise see
attached)**

I want to extend my forester gratitude to Ernie Lau, Erwin Kawata and every single person at the Board of Water Supply that has stood for all of Oahu and affected military families, while giving us all a safe place to come for information, ask questions, sound alarms and share our concerns and testimonies since day one! Without the Board of Water Supply and your relentless drive for truth and transparency, we would not be where we are today! So from my Ohana to yours Mahalo Nui and united we will continue to stand as we Rise Together in this quest for truth, transparency, safety, and Continuum of Care for Oahu, the land, it's Wai, the people and all affected from Germain past to our future generations!

ACKNOWLEDGEMENTS

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Sent: Monday, October 28, 2024 3:19 PM
To: Stella Bernardo; Board of Water Supply Board of Directors
Subject: Board Meeting Testimony Submittal or Request - October 28, 2024 - Gina Hara

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Form Submitted on: 10/28/2024 3:18:54 PM

Meeting Date: October 28, 2024

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TESTIFIER INFORMATION

Full Name Gina Hara

Email ginahara@gmail.com

Phone (optional) (808) 941-2154

TESTIMONY DETAILS

Agenda Item Info Item #1: Update on the BWS's Response to the Potential Impacts of the Red Hill Fuel Contamination

Your Position on Matter I wish to comment

Representing Self

I wish to provide

**Written testimony + request to give remote oral testimony by Zoom
videoconference**

**Written
Testimony
(if entered on
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attached)**

My family has lived in Halawa for 50 years. I mainly testified and went to almost every meeting from the 2014 leak to 2023 - approximately 8 years witnessed the Navy stonewall the people of Hawaii. I witnessed thousands of hours wasted on Red Hill. There was another large leak prior 15 years prior and the Navy was using the same templates from that time. There are approximately 73 or 78 leaks prior, conservatively fuel alone missing is 180,000 gallons, and I am still not sure how much AFFF has been missing. Rear Admiral Mark Williams is new like all of the admirals prior, and is saying the same thing all the prior Admirals like to say, "The water is safe, the water is safe etc." All Admirals tends to be defensive about the Navy's past approx 78 leaks (hard to keep exact count), and he is accusing the BOW for "misinformation". His letter shows the ignorance of new heads of bureaucracies that keep coming onto the Red Hill scene even those that represent Hawaii like the Dept of Health and Region 9 EPA. The EPA, DOH and the Rear Admiral are probably unaware about the "legacy fuel" that was detected on the Moanalua side well a year ago was found by the Board of Water and the distance from Aiea side wells from Halawa Wells (which had to shut down) - the Admiral does not realize the fuel travels - the entire land mass is actually part of the aquifer from the land to sea, everything is connected. I wish that the EPA, DOH and the Navy realizes the aquifer does not start 100 feet below the Red Hill pipelines - the water comes from above, and the water leaked and rusted pipes, etc inside the Red Hill for decades - even Daniel Inouye was investigation. The Navy had their own huge investigation in 2010 given the volume (180,000 gallons) of missing fuel. Okinawa's aquifer is now shut down and the Okinawan people came to tell us the Air Force's AFFF destroyed their wells and aquifer. The fact that PFAS (AFFF) has been in the Halawa Aquifer shows the leaks of the past - that our family has been drinking the PFAS. We have lived in Halawa for 50 years. Oahu people know that the Halawa water was 20% of the island's total water - people in Hawaii Kai and Waikiki were drinking this PFAS water. The Navy is still adding fluoride in their water, which shows how they do not understand what neurotoxins. I appreciate the Board of Water Supply for protecting the people of Oahu and refusing to be part of the AOC. The AOC by accident encourages EPA and Department of Health and the Navy to only talk amongst themselves like a bubble. The Director of the Dept of Health Kenny Fisk and EPA Div 9 Martha Guzman also do not seem to have been speaking to the Board of Water. I wonder how many hours the AOC entities spend talking to the Navy vs. the Board of Water. There is a confusion in the Navy that they are only beholden to the regulatory agencies that only interpret violations. The data on PFAS only started in 2020. The shutting down of the Kaamilo (AIEA well) is very huge as it shows the distance of contamination of movement if it is connected. Halawa Aquifer was shut down - it supplied even Waikiki and Hawaii Kai (20% of the island of Oahu). I would suggest the Board of Water Supply get more staff. For Admiral Mark Williams letter shows he does not realize, that the Department of Health had to be sued in order for the 2021 leak in order to find the 19,000 missing gallons discovered during a 13 hour live stream event. For the record, the DOH was sued by the Sierra Club. It was the Board of Water Supply people Ernie Lau and Edwin Kuwata who protected 500,000 civilians during the 2014 spill when the Navy said their pump had electrical issues but did not notify the Board of Water. The Board of Water should come up with more estimates to have the Navy pay for the replacement of the Halawa well and now the Aiea wells. In the end there is no price they can pay for the aquifer which is critical to

life on Oahu. The Navy should stop bullying the Board of Water and talk to Ernie and Erwin before writing such a letter. I ask the Navy, EPA and the Department of Health to look at the unanimous statement signed by the Governor, Mayor, Legislature and the City Council last year that states Hawaii needs a "holistic comprehensive remediation program based on ingenious microorganism for the water and soil." All of the government entities should focus on remediation. I ask the board to come up with an estimate for this type of remediation - it is the same as natural farming techniques and genki balls for the Ala Wai. It is very simple but no one is working on this. Thank you for your work.

ACKNOWLEDGEMENTS

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To: Stella Bernardo; Board of Water Supply Board of Directors
Subject: Board Meeting Testimony Submittal or Request - October 28, 2024 - Susan Pcola-Davis

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Form Submitted on:	10/28/2024 2:07:09 PM
Meeting Date:	October 28, 2024
I wish to provide	Written testimony + request to give remote oral testimony by Zoom videoconference

TESTIFIER INFORMATION

Full Name	Susan Pcola-Davis
Email	susanp60@yahoo.com
Phone (optional)	(808) 387-3061

TESTIMONY DETAILS

Agenda Item	Info Item #1: Update on the BWS's Response to the Potential Impacts of the Red Hill Fuel Contamination
Your Position on Matter	I wish to comment
Representing	Self

I wish to provide

Written testimony + request to give remote oral testimony by Zoom
videoconference

**Written
Testimony
(if entered on the
online form;
otherwise see
attached)**

I submit that any public presentation that I have provided in person are as
accurate as the JBPHH Safe Drinking Water site data. Severe arthritis today.
Can't make it in person. Sorry this is late

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To: Stella Bernardo; Board of Water Supply Board of Directors
Subject: Board Meeting Testimony Submittal or Request - October 28, 2024 - Roseann Michaud

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BWS TESTIMONY SUBMITTAL / REQUEST TO TESTIFY FORM

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Meeting Date:	October 28, 2024
I wish to provide	Written testimony

TESTIFIER INFORMATION

Full Name	Roseann Michaud
Email	rmichaud@hawaii.rr.com
Phone (optional)	(808) 935-9688

TESTIMONY DETAILS

Agenda Item	Info Item #1: Update on the BWS's Response to the Potential Impacts of the Red Hill Fuel Contamination
Your Position on Matter	Support

Representing Self

I wish to provide Written testimony

**Written
Testimony
(if entered on the
online form;
otherwise see
attached)**

I support the work you have been doing to keep our water clean. The Board of Water Supply has worked tirelessly to address the Red Hill crisis. Please continue this important work to hold the US Navy accountable. Thank you!

ACKNOWLEDGEMENTS

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To: Stella Bernardo; Board of Water Supply Board of Directors
Subject: Board Meeting Testimony Submittal or Request - October 28, 2024 - Guy Kudo

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Meeting Date: October 28, 2024

I wish to provide Written testimony

TESTIFIER INFORMATION

Full Name Guy Kudo

Email rubbazori@yahoo.com

Phone (optional) (808) 258-3832

TESTIMONY DETAILS

Agenda Item Info Item #1: Update on the BWS's Response to the Potential Impacts of the Red Hill Fuel Contamination

Your Position on Matter I wish to comment

Representing Self

I wish to provide Written testimony

**Written
Testimony
(if entered on
the online form;
otherwise see
attached)**

Mahalo to the Board of Water Supply for its ongoing work to protect our aquifer. The community stands with you and rejects the Navy's attempts to derail the truth about the destruction they have caused at Red Hill for decades, including their challenge of the recent findings from the two independent water analyses you received.

ACKNOWLEDGEMENTS

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Subject: Board Meeting Testimony Submittal or Request - October 28, 2024 - DIANE FUJIMURA

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BWS TESTIMONY SUBMITTAL / REQUEST TO TESTIFY FORM

Form Submitted on: 10/27/2024 1:59:43 PM

Meeting Date: October 28, 2024

I wish to provide Written testimony

TESTIFIER INFORMATION

Full Name DIANE FUJIMURA

Email diyimnida1@gmail.com

Phone (optional) (808) 351-0787

TESTIMONY DETAILS

Agenda Item Info Item #1: Update on the BWS's Response to the Potential Impacts of the Red Hill Fuel Contamination

Your Position on Matter Support

Representing Self

I wish to provide Written testimony

**Written
Testimony
(if entered on
the online form;
otherwise see
attached)**

I was appalled when I read the recent article wherein the Navy characterizes the statements by the Board of Water Supply regarding the migration and presence of PFAS and potentially other toxic chemicals in the 'Aiea well as 'grossly inaccurate ". How dare the Navy make such a misstatement when they have over decades, failed to disclose numerous fuel leaks at Red Hill, failed to correctly analyze water samples from the homes of those affected by the fuel leaks, if they were analyzed at all, failed to participate in the Community Representation Initiative in a positive manner, and in general, failed to be a trustworthy and responsible overseer of the Red Hill Bulk Fuel Storage Facility. The only true stewards of our precious aquifer and water system has been the Board of Water Supply 's Chief Engineer and Manager, Ernie Kau, and it's Deputy Manager, Erwin Kawata, along with the employees of the Board of Water Supply. The only "real" information about the dire situation the community faces with the poisoning of our wai has come from Ernie, Erwin, and the BWS. The Navy has been exposed as, and I have to say it, a "liar"...they have proven to be unreliable, uncooperative, and untrustworthy. Shame on the Navy, and shame on our Department of Health for failing to support the BWS, and the community it should be serving. Kudos and mahalo, Ernie, Erwin, and the whole of the BWS, for speaking out and doing so much to save our water! In you we trust. Ola I ka wai!!

ACKNOWLEDGEMENTS

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To: Stella Bernardo; Board of Water Supply Board of Directors
Subject: Board Meeting Testimony Submittal or Request - October 28, 2024 - CULLEN T. HAYASHIDA

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BWS TESTIMONY SUBMITTAL / REQUEST TO TESTIFY FORM

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Meeting Date: October 28, 2024

I wish to provide Written testimony

TESTIFIER INFORMATION

Full Name CULLEN T. HAYASHIDA

Email cullenhaya@gmail.com

Phone (optional) (808) 781-6604

TESTIMONY DETAILS

Agenda Item Info Item #1: Update on the BWS's Response to the Potential Impacts of the Red Hill Fuel Contamination

Your Position on Matter Support

Representing Self

I wish to provide Written testimony

**Written
Testimony
(if entered on
the online form;
otherwise see
attached)**

Dear member of the Board of Water Supply, I am just writing in full support of the actions of the Board of Water Supply that has been critical of the activities and positions taken by the US Navy and particularly its position taken against the BWS. I am in full support of the BWS in its efforts to monitor the contaminants in the water supply resulting from the US Navy's fuel spill into our aquifers. As BWS notes, there is real concerns that the contaminants still pose a threat to the purity of our water for the people of Oahu. Please know full well that as a resident of the Moanalua Gardens Community and as its previous president, I am in full support of BWS's watchdog role in monitoring the actions and positions taken by the US Navy regarding our water supply. Their actions makes me wonder whom are they trying to defend. Cullen Hayashida Moanalua Gardens Community

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Stella Bernardo

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Sent: Sunday, October 27, 2024 10:33 PM
To: Stella Bernardo; Board of Water Supply Board of Directors
Subject: Board Meeting Testimony Submittal or Request - October 28, 2024 - Connie Chun

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BWS TESTIMONY SUBMITTAL / REQUEST TO TESTIFY FORM

Form Submitted on: 10/27/2024 10:32:18 PM

Meeting Date: October 28, 2024

I wish to provide Written testimony

TESTIFIER INFORMATION

Full Name Connie Chun

Email conniechun808@gmail.com

Phone (optional) (808) 781-9658

TESTIMONY DETAILS

Agenda Item Info Item #1: Update on the BWS's Response to the Potential Impacts of the Red Hill Fuel Contamination

Your Position on Matter Support

Representing Organization

I wish to provide Written testimony

**Written Testimony
(if entered on the online form;
otherwise see attached)**

The residents of Oahu owe a debt of gratitude to the leaders of the Board of Water Supply. When I think about Ernie Lau, Erwin Kawata and their BWS team of workers, I wonder what could've happened if they did not stand up to the Navy and call for this mega organization to fix the ongoing problems at Red Hill. Ernie Lau has the integrity and courage to do the right thing no matter how difficult it is to challenge the military. Fortitude is another word that comes to mind because the work does not end: the multiple obstacles that are continuously presented have become quite redundant but must be addressed, nevertheless. And Ernie & Erwin do not quit! They are excellent examples of tough and caring leadership and we couldn't have come this far without them leading the way. Thank you Ernie & Erwin ~ you will be remembered as the team that saved Oahu!

ACKNOWLEDGEMENTS

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From: contactus=notify2.boardofwatersupply.com@mg.boardofwatersupply.com on behalf of contactus@notify2.boardofwatersupply.com
Sent: Sunday, October 27, 2024 10:42 PM
To: Stella Bernardo; Board of Water Supply Board of Directors
Subject: Board Meeting Testimony Submittal or Request - October 28, 2024 - Janice Toma Shiira

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BWS TESTIMONY SUBMITTAL / REQUEST TO TESTIFY FORM

Form Submitted on: 10/27/2024 10:41:21 PM

Meeting Date: October 28, 2024

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TESTIFIER INFORMATION

Full Name Janice Toma Shiira

Email tomashiira@gmail.com

Phone (optional) (808) 348-1401

TESTIMONY DETAILS

Agenda Item Info Item #1: Update on the BWS's Response to the Potential Impacts of the Red Hill Fuel Contamination

Your Position on Matter Support

Representing Organization

I wish to provide Written testimony

**Written
Testimony
(if entered on
the online form;
otherwise see
attached)**

Good Afternoon My name is Janice Toma Shiira Member with Shimanchu Wai Protectors- Okinawan community members from Hawaii, the continent as well as Okinawa. I am testifying in support of the Board of Water Supply and the work done by Ernie Lau and his team. Without the diligent work of BWS the residents would not have known the true depth of the water contamination crisis we face at the hands of the Navy. I trust and believe the integrity of Ernie Lau to make decisions that will insure Oahu's water resources to be safe and reliable to the residents as well as the visitors. I appreciate the Board of Water supply team - Ernie, Erwin, Kathleen, Kim-plus the Board and other support staff.

ACKNOWLEDGEMENTS

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Sent: Sunday, October 27, 2024 11:09 PM
To: Stella Bernardo; Board of Water Supply Board of Directors
Subject: Board Meeting Testimony Submittal or Request - October 28, 2024 - Noel Shaw

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Meeting Date: October 28, 2024

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TESTIFIER INFORMATION

Full Name Noel Shaw

Email noelkshaw@gmail.com

Phone (optional) (619) 261-5894

TESTIMONY DETAILS

Agenda Item Info Item #1: Update on the BWS's Response to the Potential Impacts of the Red Hill Fuel Contamination

Your Position on Matter Support

Representing Self

I wish to provide Written testimony

**Written
Testimony
(if entered on
the online form;
otherwise see
attached)**

Aloha Board of Water Supply Staff and Board Members, I am writing to express my strong support in your team as we navigate through the repercussions of the U.S. Navy's gross negligence in regards to our water resources. Please know that you have my trust and confidence and that the Navy nor the Department of Defense can do nothing to break that. They're scare tactics will not work and like the military families who were directly impacted by their actions who refused to allow the gaslighting stop them from seeking justice, we too must do the same. Our water is worth the fight. Our future generations are dependent on this. Safer is better than sorry and now more so than ever, we as Hawai'i people are called to truly take care one another and the place we call home. Mahalo nui loa for all you do and continue to remain steadfast as Kia'i Wai, Water Protectors. Mālama Pono, Noel

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Sent: Monday, October 28, 2024 12:14 AM
To: Stella Bernardo; Board of Water Supply Board of Directors
Subject: Board Meeting Testimony Submittal or Request - October 28, 2024 - Colonel Ann Wright

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Form Submitted on: 10/28/2024 12:12:56 AM

Meeting Date: October 28, 2024

I wish to provide Written testimony

TESTIFIER INFORMATION

Full Name Colonel Ann Wright

Email annw1946@gmail.com

Phone (optional) (808) 741-1141

TESTIMONY DETAILS

Agenda Item Info Item #1: Update on the BWS's Response to the Potential Impacts of the Red Hill Fuel Contamination

Your Position on Matter Support

Representing

Organization

I wish to provide

Written testimony

**Written
Testimony
(if entered on
the online form;
otherwise see
attached)**

Last Friday Hawaii News Now reported that the Navy is accusing the Board of Water Supply of spreading “grossly inaccurate” information about the safety of the military’s water. They are accusing BWS of “continuing misinformation” and that “many of the recent BWS statements are grossly inaccurate and are counterproductive.” We will never forget that in 2021 thousands were sickened after the Navy’s fuel spilled from its Red Hill Bulk Fuel Storage Facility. Since then, BWS has worked tirelessly to address this crisis, taking proactive measures aimed to protect our people and precious wai from toxic contaminants that may be migrating in our island’s primary drinking water source. We know that global warming causes drought conditions and sea level rise, putting our drinking water supplies at risk, and making protecting our precious wai all the more crucial. We know that water is life. We know that we can trust the BWS as they have repeatedly demonstrated courage throughout the Red Hill crisis, standing up to the Navy and institutional indifference, doing everything they can to ensure our drinking water is safe. Investigations have revealed that from the beginning, Navy officials covered up and misled the public about the active jet fuel leak and skirted legal requirements. Their lack of transparency with the BWS and the public throughout this crisis has harmed thousands, and put all of us at risk. Then last August, BWS leaders alerted the public about fuel-related contamination and other chemicals possibly spreading from the Red Hill fuel tanks and that the public’s Kaamilo well could shut down. “We have a serious situation. We have these detections never seen before, and we need to raise the ante,” said Erwin Kawata, Board of Water Supply deputy manager. But instead of stepping up and working with the BWS to address their concerns, the Navy has chosen to attack BWS. Having lived on Oahu for over 22 years, I have followed the work of board of water supply and thank you for your honest assessment of the challenges that we have to include now the navy’s dangerous, unproductive attacks on the one group we could count on -the Board of Water supply. Having served 29 years in the US Army, I am appalled at the Navy’s characterization of the board of water supply!!

ACKNOWLEDGEMENTS

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Stella Bernardo

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Sent: Monday, October 28, 2024 2:29 AM
To: Stella Bernardo; Board of Water Supply Board of Directors
Subject: Board Meeting Testimony Submittal or Request - October 28, 2024 - Ashley Nishihara

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BWS TESTIMONY SUBMITTAL / REQUEST TO TESTIFY FORM

Form Submitted on: 10/28/2024 2:27:51 AM

Meeting Date: October 28, 2024

I wish to provide Written testimony

TESTIFIER INFORMATION

Full Name Ashley Nishihara

Email agenthemlock@icloud.com

Phone (optional) (808) 777-0491

TESTIMONY DETAILS

Agenda Item Info Item #1: Update on the BWS's Response to the Potential Impacts of the Red Hill Fuel Contamination

Your Position on Matter Support

Representing

Organization

**I wish to
provide**

Written testimony

**Written
Testimony
(if entered on
the online form;
otherwise see
attached)**

Aloha, This is Ashley Nishihara of POA (Protect Our Aquifer), and I am writing on behalf of not only myself but also my mother Lynda Nishihara and friend Lois Berger. We wish to support BWS and praise them for their constant championing for the truth despite persistent opposition. Let the truth come out so that it may illuminate and unite all of our efforts towards one common cause; saving our precious WAI. Ola I Ka Wai!

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Sent: Monday, October 28, 2024 8:03 AM
To: Stella Bernardo; Board of Water Supply Board of Directors
Subject: Board Meeting Testimony Submittal or Request - October 28, 2024 - laurel brier

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Form Submitted on: 10/28/2024 8:03:00 AM

Meeting Date: October 28, 2024

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TESTIFIER INFORMATION

Full Name laurel brier

Email brierlaurel@gmail.com

Phone (optional) (808) 635-7941

TESTIMONY DETAILS

Agenda Item Info Item #1: Update on the BWS's Response to the Potential Impacts of the Red Hill Fuel Contamination

Your Position on Matter I wish to comment

Representing Organization

I wish to provide Written testimony

**Written
Testimony
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attached)**

Standing in strong support of BWS and the outstanding job they have been doing to speak the truth and protect our drinking water. Under the leadership of Mr Kawata we have heard the truth and seen courage and integrity from the BWS in standing up to the lies and misinformation of the Navy who is willing to continue to allow people to drink unsafe water

ACKNOWLEDGEMENTS

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Stella Bernardo

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Sent: Monday, October 28, 2024 8:07 AM
To: Stella Bernardo; Board of Water Supply Board of Directors
Subject: Board Meeting Testimony Submittal or Request - October 28, 2024 - Alana Hart

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Form Submitted on: 10/28/2024 8:06:57 AM

Meeting Date: October 28, 2024

I wish to provide Written testimony

TESTIFIER INFORMATION

Full Name Alana Hart

Email arkeis07@gmail.com

Phone (optional) (808) 282-5530

TESTIMONY DETAILS

Agenda Item Info Item #1: Update on the BWS's Response to the Potential Impacts of the Red Hill Fuel Contamination

Your Position on Matter I wish to comment

Representing Self

I wish to provide Written testimony

**Written
Testimony
(if entered on
the online form;
otherwise see
attached)**

Aloha, I wish to express my general support for the BWS in its efforts to keep the Navy held to account for its mismanagement of the Red Hill Fuel Storage Facility. I encourage the continued effort to reach the public with frequent and transparent information sessions and denounce any attempts to make that process more lengthy or cumbersome. I believe that the BWS has the knowledge and authority to make known to the public its concerns regarding contaminants in our waters, and the Navy's request for "regulators" to intercede before the public can access that information is unnecessary, time consuming, and a risk to the transparency of this very important public service. Mahalo nui loa to those dedicated civil servants within the BWS who are keeping our waters and people as safe as they can while resisting PR pressure from those who are not taking fiscal and moral responsibility for their errors. Mahalo for the opportunity and time to write on this matter. Ola i ka wai!

ACKNOWLEDGEMENTS

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Stella Bernardo

From: Meredith Wilson <fannmv@gmail.com> on behalf of Meredith Wilson
<meredithwilson17@gmail.com>
Sent: Sunday, October 27, 2024 10:48 AM
To: Board of Water Supply Board of Directors
Subject: Written Testimony for 10.28 Board Meeting
Attachments: M Wilson-BWS 10.28.24.pdf

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Aloha,

I would like to submit the attached written testimony for tomorrow's Board Meeting.

Mahalo,
-Meredith Wilson

Meredith Wilson
Honolulu Board of Water Supply - 10/28/24 Board Meeting
Written Testimony - Item for Info. #1

Aloha Board,

Firstly, I find it abhorrent that in the letter dated Sep. 6th, Navy leadership accused BWS of "continuing misinformation" that is "grossly inaccurate and counterproductive." They offer absolutely zero evidence of these bold claims. And of course, they believe the valid questions being raised & expert opinions presented are counterproductive to their leaked Communications plan to shift "media coverage from negative to neutral and/or positive" about their actions.

The EPA & HDOH write similar unfounded statements in their Oct. 17th letter, saying they're "concerned" about BWS' "incomplete or incorrect information that has caused significant public confusion." They also do not provide any basis for these kinds of accusations. Quite frankly, the most public confusion is regarding how they allow the Navy to perform Lead sampling post-flush in EDWM (a still unapproved "special investigation" which should solicit higher scrutiny after jet-fuel contaminated water), versus standard PWS compliance upon first draw for consumers.

This type of language and intimidation is not new. In Sept. 2015, the top doctor who raised the alarm about lead in the drinking water of Flint, MI, Dr. Mona Hanna-Attisha, was vilified by city officials, who called her an "unfortunate researcher, causing near hysteria." They accused her of data inconsistent with the state, but later, those same officials had to retract their statements about her work once the crisis unfolded.

The regulators and the polluters seem to have a united front against the sole entity in which this hurting & caring community still bestows genuine trust: the Honolulu Board of Water Supply. BWS is well within its duty to ask questions and seek independent reviews of reported data. If the Navy truly wanted to build back our faith in them, they would respect the BWS and not continue creating barriers between themselves & the people they've already hurt.

The reason that EPA & DOH provides as to why they do not require our requested third party testing of the Navy is because of their "extensive oversight." Let us not forget how that same "extensive oversight" completely failed, for over 2 years, to identify an entire vital step within a sampling method the Navy & its contractors missed in testing our drinking water for TPH.

I am not remiss to remember that 3 years ago this week, I began experiencing major, terrifying changes in my health. And then, a month later after the water smelled like straight-up gasoline coming out of my home's kitchen faucet, "Red Hill" officially entered my lexicon & the rest of my life.

To the BWS: We are with you. We appreciate you. We need you. Do not stop working for the past, present, & future people of Oahu. You have worked diligently to investigate and communicate to the people you serve. Our regulators & the Navy, instead of attacking you, should follow your noble example.

Mahalo for your steadfastness, especially when others attempt to discredit you. Here is where it is now obvious that this movement is worth fighting for.

OLA I KA WAI.

Stella Bernardo

From: Lorrin pang <panghi71@gmail.com>
Sent: Sunday, October 27, 2024 5:28 PM
To: Board of Water Supply Board of Directors
Subject: submission comment to prev meetings item 4a

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I hope to make my appearance in person for the 2 o'clock meeting and speak for two minutes when the topic is called. Please use this written comment as my support.

I have followed rather closely from the media this issue of Red Hill, the contamination of the drinking water. A few years ago, I studied a similar problem that occurred in Hanahan, South Carolina with a single point in time place military spill of petroleum contaminating the aquifer appearing in the community over the course of maybe a couple decades.

My comment on the issue is that a lot of controversy could and should be resolved by proper use of controls: positive controls and negative controls run concomitantly with field samples. If there is contamination, it would contaminate the negative controls (start your negative controls as far upstream from laboratory as you can) and you would pick this up and invalidate the testing of the target sample. If the water is treated for chlorine and inadvertently removing TPH as well it would turn the positive controls negative. If there is a confounding interfering substance interfering which is blocking the test for TPH it would block the positive control as well. The unexpected results in positive and negative controls would invalidate the test or that run. Another kind of control would be to send samples to a reference lab, but I stand by the use of internal positive and negative controls.

The next kind of controls we call epidemiological controls. Samples are drawn from say the neighbor islands, which really should not have this kind of problem, negative controls. Positive controls would be Samples from other sites with known military TPH spills, which are environmentally contaminated. not spike samples, but environmental samples, say, Lejune or Fort Ord. If the issue is chlorine messing up the results then make sure you're above controls internal positive and negative as well as environment have chlorine also.

The positive controls should be spiked with levels of TPH at the limits that you are trying to detect. The chlorine in your controls that you add, as a compounder should be at the levels that chlorine is appearing in your sample.

Finally, all samples or controls are run concomitant to the run because the actual TPH may pulse high and low, depending on the month or location of the samples. And all samples are run blindly. even if they are run correctly, the optics of possible bias, declaring which unblinded samples are not "valid in hindsight" run the risk of meddling.

Lorrin Pang MD, MPH
AS A PRIVATE CITIZEN

1987-1990 I was the preventive medicine officer for USARPAC and we looked at contaminations and environmental sampling in Hawaii. from 1997 to the year 2000 I headed a Walter Reed research laboratory looking at water issues for enteric diseases. since the 2000 I have published a couple peer reviewed articles involving the EPA. one was upcountry water with side effects of the mandated EPA water additive C-9. the other was a study showing harmful health effects of the smoke of cane burning on residents on Maui.

I have about 80 published articles in peer review journals. I have taught the principles of good clinical, laboratory, manufacturing practices for the World Health Organization for 20 years. This issue of the validity of test results falls under the principles of good laboratory practices.

Sent from my iPhone

Stella Bernardo

From: Lorrin pang <panghi71@gmail.com>
Sent: Monday, October 28, 2024 10:22 AM
To: Board of Water Supply Board of Directors
Subject: addition to previous written comment

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I hope you accept this addition to what I previously submitted to you in writing. I was hoping to attend in person today's meeting, but had to go back to Maui for a medical emergency.

as an example of the importance of running simultaneous controls, especially environmental controls I put forth the following scenario.

I think it's this pretty clear that aquifer water is now widely contaminated across the Earth with forever chemicals. Generally people focus on PFAS but there are others. the proportion that are contaminated range between 30 and 40%. however it is highly dependent on what level you're trying to detect please. the lowest levels of detection by our instrumentations is above the threshold health limits set by the EPA. the EPA is scrambling to assess action levels although they don't correspond and are higher than limit of detection levels and very much higher than health threshold limits. however one use of action levels is to measure a trend (time and distance). We had this issue before for the PHA's with the department of health, setting action levels with no health limits for the combination of jet fuel chemicals by the EPA, much lower than the action levels.

So when we set out sampling water and they happen to test for a forever chemical at a certain level you can imagine the importance of running test blindly, and the acceptance before the results come in we would interpret finding chemicals everywhere (in the negative control environmental in the negative control, environmental samples samples). this doesn't mean that the PAH contaminants are similarly ubiquitous or false positive test. it is comparing apples and oranges. and don't forget it depends what level you're measuring but let me stress the importance of the control samples and agreement how you interpret each possible outcome that might occur BEFORE we break the code to see the actual results.

Sorry for the punctuation and typos. I am dictating this because I'm boarding my airplane to return for medical issue on Maui.

Lorrin Pang MD

Sent from my iPhone

Stella Bernardo

From: contactus=notify2.boardofwatersupply.com@mg.boardofwatersupply.com on behalf of contactus@notify2.boardofwatersupply.com
Sent: Monday, October 28, 2024 8:52 AM
To: Stella Bernardo; Board of Water Supply Board of Directors
Subject: Board Meeting Testimony Submittal or Request - October 28, 2024 - karen scharfenstein

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Meeting Date:	October 28, 2024
I wish to provide	Written testimony

TESTIFIER INFORMATION

Full Name	karen scharfenstein
Email	pink_2_k@yahoo.com
Phone (optional)	(808) 721-8911

TESTIMONY DETAILS

Agenda Item	Info Item #1: Update on the BWS's Response to the Potential Impacts of the Red Hill Fuel Contamination
Your Position on Matter	Support
Representing	Self

I wish to provide

Written testimony

**Written
Testimony
(if entered on
the online form;
otherwise see
attached)**

The Board of Water Supply and its leaders have worked tirelessly to monitor and oversee keeping our water clean and free of contaminants. Their open and honest tracking of the Red Hill spill has been an overwhelming task, spending countless of extra hours around the clock at meetings with different groups, checking sights, testing, holding public meetings, retesting . They made sure the public and everyone were kept continuously informed and up to date with this disastrous event and are still working hard to keep us up to date stating facts without embellishing. They have risen over and beyond keeping us safe and providing us with safe drinking water. Their work is neverending but they continue to do what is right.

ACKNOWLEDGEMENTS

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Sent: Monday, October 28, 2024 9:00 AM
To: Stella Bernardo; Board of Water Supply Board of Directors
Subject: Board Meeting Testimony Submittal or Request - October 28, 2024 - Elna Nagasako

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BWS TESTIMONY SUBMITTAL / REQUEST TO TESTIFY FORM

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Meeting Date: October 28, 2024

I wish to provide Written testimony

TESTIFIER INFORMATION

Full Name Elna Nagasako

Email nagasakomd@gmail.com

Phone (optional) (111) 111-1111

TESTIMONY DETAILS

Agenda Item Info Item #1: Update on the BWS's Response to the Potential Impacts of the Red Hill Fuel Contamination

Your Position on Matter I wish to comment

Representing **Self**

**I wish to
provide**

Written testimony

**Written
Testimony
(if entered on
the online form;
otherwise see
attached)**

In light of the recent statements by the Navy accusing the Board of Water Supply of 'misinformation' and of being 'counter productive,' I wanted to express my support for the Board of Water Supply's efforts to maintain a safe, sustainable, water supply for our community. Safe and clean water is essential for the health of Honolulu's people. The Board of Water Supply's continued monitoring of the water supply and transparency with our community about the safety of the water supply has never been more essential.

ACKNOWLEDGEMENTS

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Sent: Monday, October 28, 2024 12:00 PM
To: Stella Bernardo; Board of Water Supply Board of Directors
Subject: Board Meeting Testimony Submittal or Request - October 28, 2024 - Kristen Young

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BWS TESTIMONY SUBMITTAL / REQUEST TO TESTIFY FORM

Form Submitted on: 10/28/2024 11:59:44 AM

Meeting Date: October 28, 2024

I wish to provide Written testimony

TESTIFIER INFORMATION

Full Name Kristen Young

Email kristenslyoung@gmail.com

Phone (optional) (808) 927-0741

TESTIMONY DETAILS

Agenda Item Info Item #1: Update on the BWS's Response to the Potential Impacts of the Red Hill Fuel Contamination

Your Position on Matter Support

Representing Self

**I wish to
provide**

Written testimony

**Written
Testimony
(if entered on
the online form;
otherwise see
attached)**

To the Board of Water Supply, mahalo for your steadfast advocacy and protection of our water. The community is with you and trusts that you will continue to do what is necessary to protect O'ahu's water as the Navy and others attempt to silence and discredit you. Please continue to keep us informed and let the community know how we can support you.

ACKNOWLEDGEMENTS

**Terms and
Agreement
Check Box**

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Stella Bernardo

From: contactus=notify2.boardofwatersupply.com@mg.boardofwatersupply.com on behalf of contactus@notify2.boardofwatersupply.com
Sent: Monday, October 28, 2024 12:32 PM
To: Stella Bernardo; Board of Water Supply Board of Directors
Subject: Board Meeting Testimony Submittal or Request - October 28, 2024 - Kara Akiyama

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BWS TESTIMONY SUBMITTAL / REQUEST TO TESTIFY FORM

Form Submitted on: 10/28/2024 12:31:25 PM

Meeting Date: October 28, 2024

I wish to provide Written testimony

TESTIFIER INFORMATION

Full Name Kara Akiyama

Email karasa@hawaii.edu

Phone (optional) (808) 779-7807

TESTIMONY DETAILS

Agenda Item Info Item #1: Update on the BWS's Response to the Potential Impacts of the Red Hill Fuel Contamination

Your Position on Matter I wish to comment

Representing Self

I wish to provide Written testimony

**Written
Testimony
(if entered on
the online form;
otherwise see
attached)**

I just wanted to thank the board of water supply for continuing to advocate for the island's precious water aquifers. Please keep standing up to the Navy and EPA by staying transparent to the public on what your findings are. Transparency is our only power against the big powerful US Navy who have shown that they don't prioritize our resident's health. Transparency is our right as residents, it's the BOWS' right to conduct their work as they have done the best that they could with the resources that they have. I am asking that you continue to fight for more rights as I know that if the BOWS had had more governing power the fuel spill and contamination of 2021 could have been prevented.

ACKNOWLEDGEMENTS

**Terms and
Agreement
Check Box**

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Stella Bernardo

From: contactus=notify2.boardofwatersupply.com@mg.boardofwatersupply.com on behalf of contactus@notify2.boardofwatersupply.com
Sent: Monday, October 28, 2024 12:54 PM
To: Stella Bernardo; Board of Water Supply Board of Directors
Subject: Board Meeting Testimony Submittal or Request - (select from list) - Arleen Velasco

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BWS TESTIMONY SUBMITTAL / REQUEST TO TESTIFY FORM

Form Submitted on: 10/28/2024 12:52:35 PM

Meeting Date: (select from list)

I wish to provide Written testimony

TESTIFIER INFORMATION

Full Name Arleen Velasco

Email velascoarleen@yahoo.com

Phone (optional) (808) 352-1616

TESTIMONY DETAILS

Agenda Item Info Item #1: Update on the BWS's Response to the Potential Impacts of the Red Hill Fuel Contamination

Your Position on Matter Support

Representing Self

**I wish to
provide**

Written testimony

**Written
Testimony
(if entered on
the online form;
otherwise see
attached)**

I appreciate the leadership, excellent work and the courage the BWS has shown for over a decade in trying to protect the major source of fresh water on the island of Oahu. The Navy has proved to be a very bad actor in protecting the water and the people, including their own, from their callous approach to the environment.

ACKNOWLEDGEMENTS

**Terms and
Agreement
Check Box**

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Stella Bernardo

From: contactus=notify2.boardofwatersupply.com@mg.boardofwatersupply.com on behalf of contactus@notify2.boardofwatersupply.com
Sent: Tuesday, October 29, 2024 4:18 AM
To: Stella Bernardo; Board of Water Supply Board of Directors
Subject: Board Meeting Testimony Submittal or Request - October 28, 2024 - Aree Worawongwasu

Follow Up Flag: Flag for follow up
Flag Status: Flagged

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BWS TESTIMONY SUBMITTAL / REQUEST TO TESTIFY FORM

Form Submitted on: 10/29/2024 4:17:35 AM

Meeting Date: October 28, 2024

I wish to provide Written testimony

TESTIFIER INFORMATION

Full Name Aree Worawongwasu

Email aree@hawaii.edu

Phone (optional) (808) 670-4825

TESTIMONY DETAILS

Agenda Item Info Item #1: Update on the BWS's Response to the Potential Impacts of the Red Hill Fuel Contamination

Your Position on Matter I wish to comment

Representing

Self

I wish to provide

Written testimony

**Written
Testimony
(if entered on
the online form;
otherwise see
attached)**

Aloha mai kākou, I condemn the U.S. Navy's recent attempt to pressure the Environmental Protection Agency (EPA) and the Department of Health (DOH) into silencing the Board of Water Supply (BWS). The U.S. Navy's actions are a blatant and unacceptable act of intimidation. This move not only undermines public trust but also actively hinders transparency and accountability around critical issues affecting O'ahu's water supply. It also demonstrates an alarming disregard for the community's right to know the risks associated with the contamination at Red Hill, as well as a lack of respect for the essential work of the BWS. For years, the BWS has served as a trusted wai provider and staunch advocate for the safety of O'ahu's wai. The BWS has been one of the few entities consistently offering clear, timely, and transparent information to a community often left in the dark by the U.S. Navy. Their commitment to protecting our precious wai is invaluable, providing residents with the information necessary to safeguard their health and demand responsibility from those responsible for the contamination. Now more than ever, we must show gratitude to the BWS for their tireless efforts and unwavering dedication to truth and transparency. The BWS has been a lifeline for this community, a source of reliable information, and a protector of our wai. We stand in firm support of their mission and urge our community to thank the BWS for the vital work they do every day to keep O'ahu's wai safe. Let us make it clear that we value transparency, accountability, and the protection of Hawai'i nei. Mahalo for the opportunity to testify, Aree.

ACKNOWLEDGEMENTS

**Terms and
Agreement
Check Box**

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Stella Bernardo

From: contactus=notify2.boardofwatersupply.com@mg.boardofwatersupply.com on behalf of contactus@notify2.boardofwatersupply.com
Sent: Monday, October 28, 2024 1:00 PM
To: Stella Bernardo; Board of Water Supply Board of Directors
Subject: Board Meeting Testimony Submittal or Request - October 28, 2024 - Xavier Bonilla Lozano

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BWS TESTIMONY SUBMITTAL / REQUEST TO TESTIFY FORM

Form Submitted on: 10/28/2024 12:59:21 PM

Meeting Date: October 28, 2024

I wish to provide Written testimony + request to give remote oral testimony by Zoom videoconference

TESTIFIER INFORMATION

Full Name Xavier Bonilla Lozano

Email boogieupprod@gmail.com

Phone (optional) (808) 339-8698

TESTIMONY DETAILS

Agenda Item Info Item #1: Update on the BWS's Response to the Potential Impacts of the Red Hill Fuel Contamination

Your Position on Matter Support

Representing

Self

**I wish to
provide**

Written testimony + request to give remote oral testimony by Zoom
videoconference

**Written
Testimony
(if entered on
the online form;
otherwise see
attached)**

Aloha All, My testimony is in support of BWS. As an affected family member from the negligence of the US Navy's disastrous Jet Fuel leak for decades and refusal to heed numerous warnings and not taking BWS serious, the Navy should have no authority to request anything else from BWS. The US Navy should clean up their mess, pack it up and ship out with all the rest of the Military Branches. They have never been good stewards of the land or its people. Time and time again they continue to destroy, the land, water and the people with no regard for anyone's health. This has been proven not just in Hawai'i but all across the world. The Military feels they are above everyone and are untouchable which is why they continue to damage and destroy with no regard. When is enough, enough?! No one is above God so they should follow rules and laws like any of us. Since they can't and refuse to, they should be denied any requests, leases and anymore leniency. Time to leave the islands how you found them, without any toxic waste. Thank you for your time. Xavier Bonilla Lozano Member of the Oahu Water Protectors and victim of the US Navy's Jet Fuel leak

ACKNOWLEDGEMENTS

**Terms and
Agreement
Check Box**

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ITEM FOR INFORMATION NO. 2

“October 28, 2024

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 2024 to September 2024.

Respectfully Submitted,

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

Attachment”

The foregoing was for information only.

DISCUSSION: Michele Thomas, Executive Assistant I, Human Resources Office, gave
the report. There were no comments or discussion.

BOARD OF WATER SUPPLY

City and County of Honolulu

RECRUITMENT AND SEPARATION STATUS For Period July 1, 2024 to September 30, 2024

Status of Positions Under Recruitment

	as of		
	7/31/2024	8/31/2024	9/30/2024
Pending DHR Open List (external recruitment)	22	29	20
Pending Internal recruitments	1	0	0
Pending Final Interview Questions	8	10	16
Pending Interviews with Division	28	23	46
Anticipated Starts (pre-employment clearances)	16	11	7
Cancelled Requests	0	0	3
Total Positions Under Recruitment	75	73	92

Filled Positions

Month	Jul-24	Aug-24	Sep-24
Open list	6	7	5
Internal Promotions	0	3	0
Internal Demotions/Transfers	0	1	1
Reallocations	7	3	11

Separations

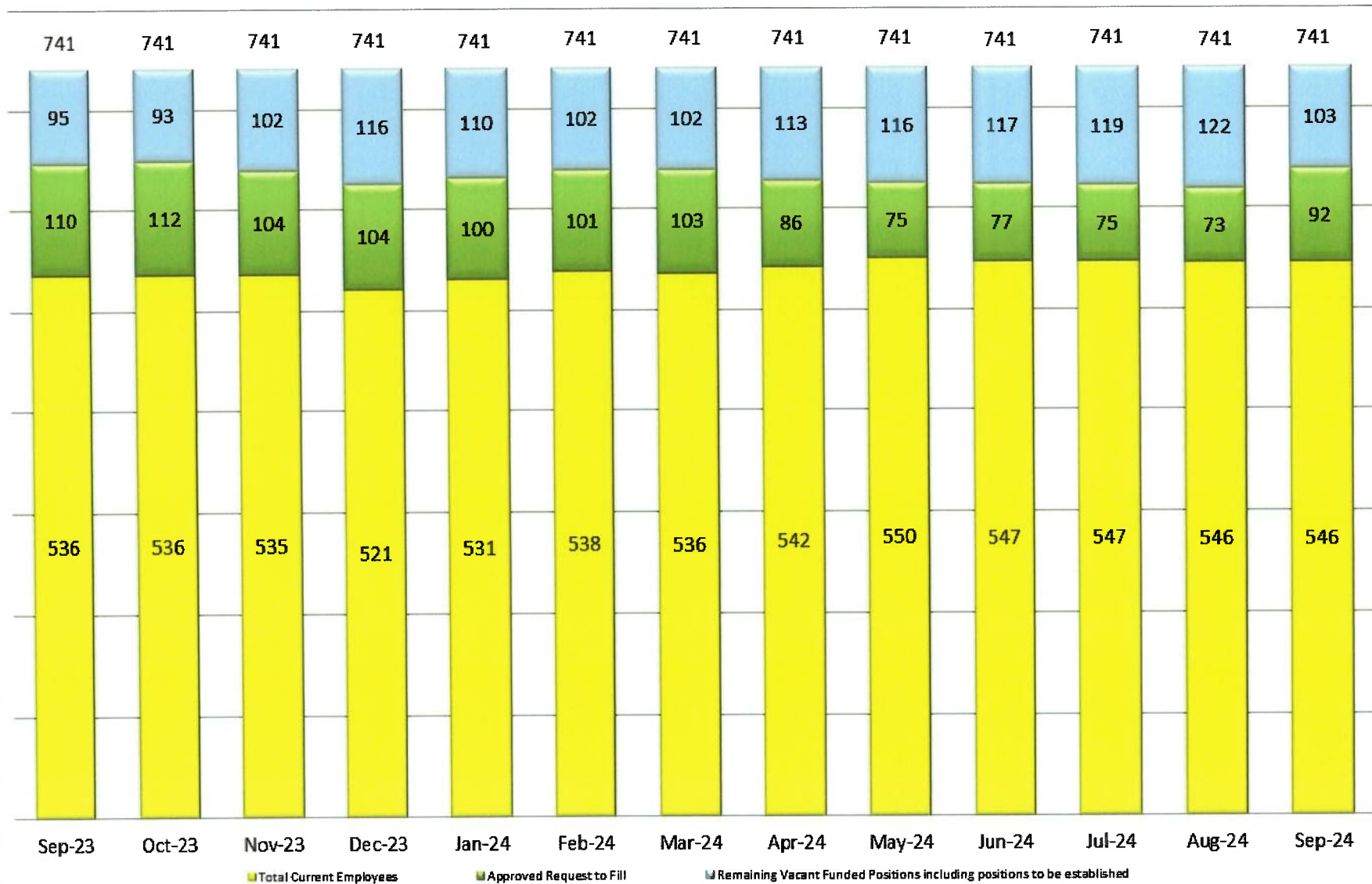
Month	Jul-24	Aug-24	Sep-24
Retire	0	1	1
Resign/Termination/Other	6	6	4

Legend:

DHR = Department of Human Resources City and County of Honolulu

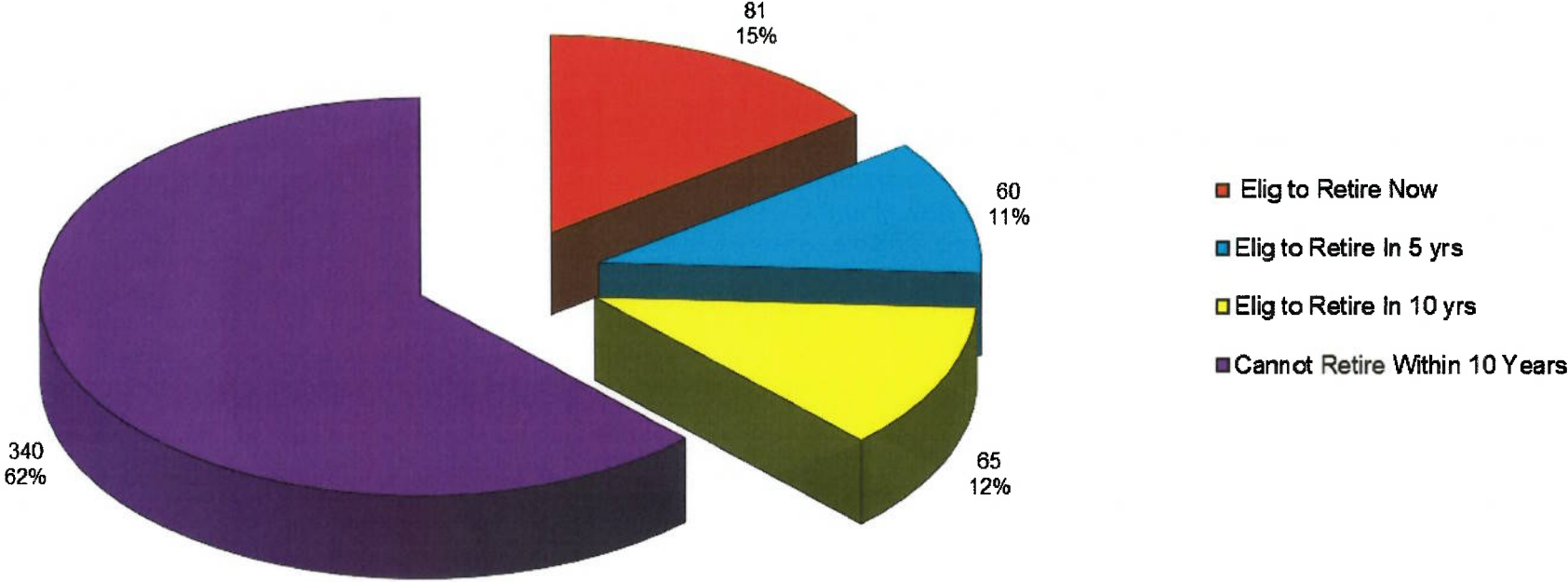
Reallocation = Employee has demonstrated competency in higher level position and position was adjusted

Positions Filled September 1, 2023 through September 30, 2024



For the period Jul24-Sep24 Actions: 18 New Hires, 3 Promotions, 2 Demotions, 18 Separations.

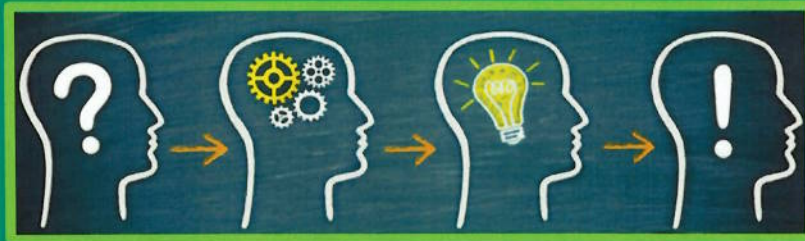
**BWS Retirement Projections
As of September 30, 2024**



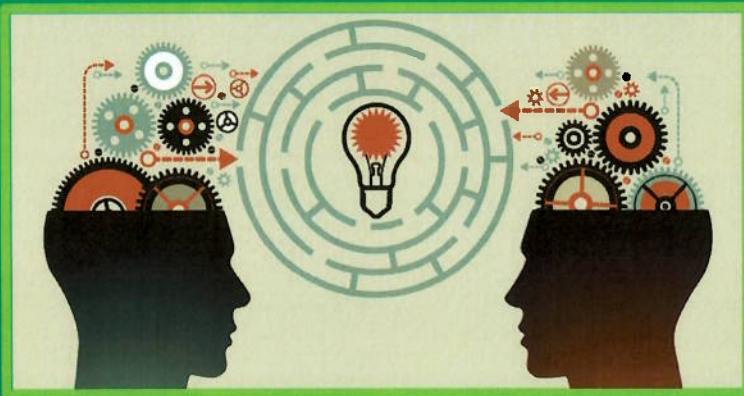


RECRUITMENT STATUS UPDATE

Michele L. Thomas
October 28, 2024
boardofwatersupply.com



BWS TRAINING & WELLNESS PARTNERSHIPS



UPDATE!!! : New Covid Vaccination will also be available!!!

**Fight the Flu and get protected,
sign up now for our
Flu Vaccination Clinic!**



October 11, 2024

**Engineering
Conference Room
12:00 pm – 4:00 pm**

**Register & Select
Appointment Time at:**

<https://form.jotform.com/242567530724155>

Vaccines Administered By:



Regular & Senior
Flu doses available

Quick & Easy, fill
out your forms
beforehand

Pharmacists will
be on site to
vaccinate

Wear proper attire for
obtaining your shot

Bring all medical
insurance cards
and picture i.d.

BOARD OF
WATER SUPPLY
630 South Beretania St.
Honolulu, HI 96843



Engineer Open House

Thursday, August 29, 2024 | 5:00 PM - 8:30 PM
Ala Wai Golf Course Clubhouse

Engineer Open House
Join us for an insightful evening with Mayor Bingsard and some of our City's top engineers to learn about engineering career opportunities that impact the future of our city.

Agenda
5:00 PM - 7:45 PM
DEPARTMENT SHOWCASE
7:45 PM - 8:30 PM
SCHEDULED PROGRAM
Mayor's Welcome
Introduction by Mayor Aili Bingsard
Panel Discussion
Building Your City, Advancing Your Career
8:30 PM - 8:45 PM
RECEPTION & HAPPY HOUR

Event Highlights
Discover Diverse Departments: Learn about various City departments, their roles, and projects.
Career Opportunities: Understand the benefits of working for the City, including new entry ranges and comprehensive benefits.
Networking: Connect with experienced engineers and City leaders.
Expert Insights: Gain valuable insights from City leadership and Cabinet Members.

Register through [eventbrite](https://www.eventbrite.com/e/engineer-open-house-tickets-755555555555) by Monday, August 26, 2024.

Presented by:
CITY AND COUNTY OF HONOLULU
Department of Design and Construction
Department of Engineering Services
Department of Facility Maintenance
Department of Planning and Permitting
Department of Transportation Services
Hawaii State of Public Supply

HAWAII NEEDS ENGINEERS!

Become an engineer and make our beautiful islands a better place to live.

SECTOR PARTNERSHIPS
HAWAII Chamber of Commerce
JAMES CAMPBELL HIGH SCHOOL
KOBAYASHI INC. GENERAL CONTRACTOR

BWS RECRUITING ACTIVITIES

COLLEGE OF ENGINEERING
UNIVERSITY OF HAWAII at MANOA

F'24 | CAREER EXPO

Friday, September 20, 2024 1:00 - 4:00 PM

UHM Campus Center Ballroom and adjacent rooms

Free refreshments for students

Executive Overview

Kamaaina Career Connect

Tech • Business • Engineering • Healthcare • More!

Chamber of Commerce HAWAII
YOUNG BROTHERS
TRADEWIND
htdc
HAWAII IS HIRING



HI CAREER EXPO



SAVE THE DATE

October 30, 2024 (Wed)

9am-2pm

Neal Blaisdell Center Exhibition
Hall

Partnership w/ City DHR



ITEM FOR INFORMATION NO. 3

"October 28, 2024

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 September 2024. Punalu'u and Waialua are in Caution Status. Kaimukī is in Critical Status. The monthly production average for September 2024 was 145.80 million gallons per day.

The Board of Water Supply rainfall index for the month of September 2024 was 40 percent of normal, with a 5-month moving average of 112 percent. As of October 1, 2024, the Hawai'i Drought Monitor shows a band of abnormally dry conditions running through the central axis of O'ahu, grading to severe drought conditions along the leeward coast. The National Weather Service is forecasting a period of transition from below-normal to above-normal precipitation from about October through December 2024.

Monitoring wells exhibited an almost equal distribution of stable, slightly increasing, and slightly decreasing head levels for the month of September 2024. This likely reflects the low rainfall, offset by the beginning of a seasonal decrease in production. The average monthly production for September 2024 is closely similar to September 2023 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.

Chair Anthony asked if Kaimukī head levels would return to normal as the winter months come and less water is used.

Mr. Barry Usagawa replied that the Kaimukī head levels have recovered by cutting back on pumping. Due to the transition into the winter season, demand starts to go down and requires less pumping. He also mentioned that chlorides are maintained.

Chair Anthony inquired if there had been any other concerns about pumping chlorides.

Mr. Usagawa stated that there are no concerns at this time.

**PRODUCTION, HEAD AND RAINFALL REPORT
MONTH OF SEPTEMBER 2024**

POTABLE

STATION	MGD
HONOLULU (1)	
KULIOUOU	0.06
WAILUPE	0.00
AINA KOA	0.00
AINA KOA II	0.62
MANOA II	0.90
PALOLO	1.44
KAIMUKI HIGH	2.48
KAIMUKI LOW	2.92
WILDER	9.03
BERETANIA HIGH	1.56
BERETANIA LOW	2.86
KALII HIGH	3.13
KALII LOW	4.05
KAPALAMA	0.54
KALII SHAFT	8.24
MOANALUA	0.00
HALAWA SHAFT	0.00
KAAMILO	0.60
KALAUAO	9.30
PUNANANI	9.20
KAAHUMANU	0.55
HECO WAIU	2.73
MANANA	0.35
WAIALAE IKI	0.55
WELLS SUBTOTAL:	61.10
MANOA TUNNEL	0.17
PALOLO TUNNEL	0.00
GRAVITY SUBTTL:	0.17
HONOLULU SUBTTL:	61.27

STATION	MGD
WINDWARD (2)	
WAIMANALO II	0.83
WAIMANALO III	0.00
KUOU I	1.34
KUOU II	0.15
KUOU III	0.60
LULUKU	0.85
HAIKU	0.57
IOLEKAA	0.00
KAHALUU	0.57
KAHANA	1.03
PUNALUU I	0.00
PUNALUU II	1.99
PUNALUU III	1.08
KALUANUI	1.20
MAAKUA	0.27
HAUULA	0.25
WELLS SUBTOTAL:	10.74
WAIM. TUNNELS I & II	0.00
WAIM. TUNNELS III&IV	0.19
WAIHEE INCL. WELLS	0.39
WAIHEE TUNNEL	4.31
LULUKU TUNNEL	0.22
HAIKU TUNNEL	0.29
KAHALUU TUNNEL	1.58
GRAVITY SUBTOTAL:	6.98
WIND. SUBTOTAL:	17.72

STATION	MGD
NORTH SHORE (3)	
KAHUKU	0.40
OPANA	1.00
WAIALEE I	0.09
WAIALEE II	0.53
HALEIWA	0.00
WAIALUA	1.89
N.SHORE SUBTOTAL:	3.90

STATION	MGD
MILILANI (4)	
MILILANI I	2.75
MILILANI II	0.00
MILILANI III	0.73
MILILANI IV	1.23
MILILANI SUBTOTAL:	4.71

STATION	MGD
WAIHAWA (5)	
WAIHAWA	0.82
WAIHAWA II	2.34
WAIHAWA SUBTOTAL:	3.16

STATION	MGD
PEARL CITY-HALAWA (6)	
HALAWA 277	0.00
HALAWA 550	0.00
AIEA	0.00
AIEA GULCH 497	0.00
AIEA GULCH 550	0.23
KAONOHI I	2.10
WAIMALU I	0.00
NEWTOWN	1.94
WAIU	1.95
PEARL CITY I	0.78
PEARL CITY II	1.05
PEARL CITY III	0.21
PEARL CITY SHAFT	0.94
PEARL CITY-HALAWA SUBTOTAL:	9.21

STATION	MGD
WAIPAHU-EWA (7)	
WAIPIO HTS.	1.98
WAIPIO HTS. I	0.00
WAIPIO HTS. II	0.30
WAIPIO HTS. III	1.38
WAIPAHU	6.66
WAIPAHU II	2.11
WAIPAHU III	3.47
WAIPAHU IV	2.99
KUNIA I	6.28
KUNIA II	1.87
KUNIA III	1.46
HOAEAE	7.49
HONOULIULI I	0.00
HONOULIULI II	5.50
MAKAKILO	0.15
WAIPAHU-EWA SUBTOTAL:	41.64

STATION	MGD
WAIANAE (8)	
MAKAHA I	0.91
MAKAHA II	0.00
MAKAHA III	0.61
MAKAHA V	0.49
MAKAHA VI	0.00
MAKAHA SHAFT	0.00
KAMAILE	0.05
WAIANAE I	0.00
WAIANAE II	0.33
WAIANAE III	0.30
WELLS SUBTOTAL:	2.70
WAI. C&C TUNNEL	1.40
WAI. PLANT. TUNNELS	0.09
GRAVITY SUBTOTAL:	1.49
WAIANAE SUBTOTAL:	4.20

NONPOTABLE

NONPOTABLE	MGD
KALAUAO SPRINGS	0.45
BARBERS POINT WELL	1.29
GLOVER TUNNEL NP	0.30
NONPOTABLE TOTAL:	2.03

RECYCLED WATER (AUGUST 2024)

RECYCLED WATER	MGD
HONOULIULI WRF R-1	7.50
HONOULIULI WRF RO	1.51
RECYCLED TOTAL:	9.01

PRODUCTION, HEAD AND RAINFALL REPORT **MONTH OF SEPTEMBER 2024**

PRODUCTION SUMMARIES

TOTAL WATER	MGD
PUMPAGE	137.16
GRAVITY	8.65
POTABLE TOTAL:	145.80
NONPOTABLE	2.03
RECYCLED WATER	9.01
TOTAL WATER:	156.85

CWRM PERMITTED USE AND BWS ASSESSED YIELDS				
FOR BWS POTABLE SOURCES				
WATER USE DISTRICTS		A PERMITTED USE/ BWS YLDS	B SEP 2024	C DIFF. A-B
1	HONOLULU	83.32	61.10	22.22
2	WINDWARD	25.02	17.72	7.30
3	NORTH SHORE	4.70	3.90	0.79
4	MILILANI	7.53	4.71	2.82
5	WAHIAWA	4.27	3.16	1.11
6	PEARL CITY-HALAWA	12.25	9.21	3.04
7	WAIPAHU-EWA	50.63	41.64	8.99
8	WAIANAE	4.34	4.20	0.14
TOTAL:		192.06	145.63	46.42

CWRM PERMITTED USE FOR BWS				
NONPOTABLE SOURCES				
WATER USE DISTRICTS		A PERMITTED USE	B SEP 2024	C DIFF. A-B
7	WAIPAHU-EWA (BARBERS POINT WELL)	1.00	1.29	-0.29
TOTAL:		1.00	1.29	-0.29

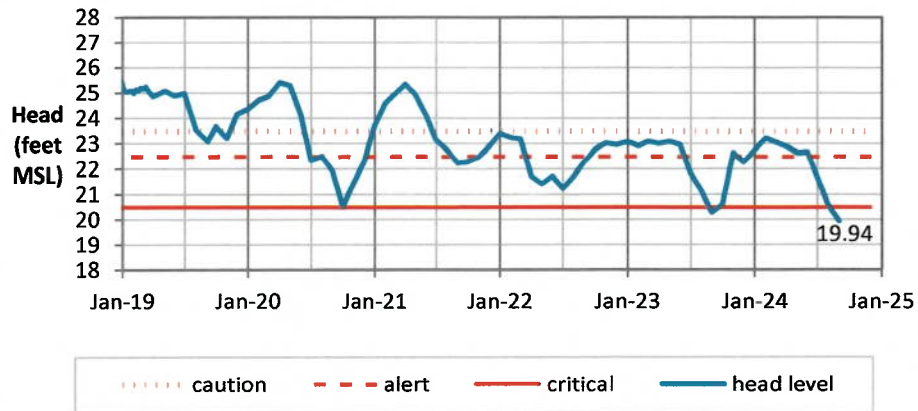
EFFECTIVE WATER DEMAND PER DISTRICT

IMPORT/EXPORT BETWEEN WATER USE DISTRICTS			
FROM	TO		MGD
2	1	WINDWARD EXPORT	0.14
7	8	BARBERS PT LB	6.32

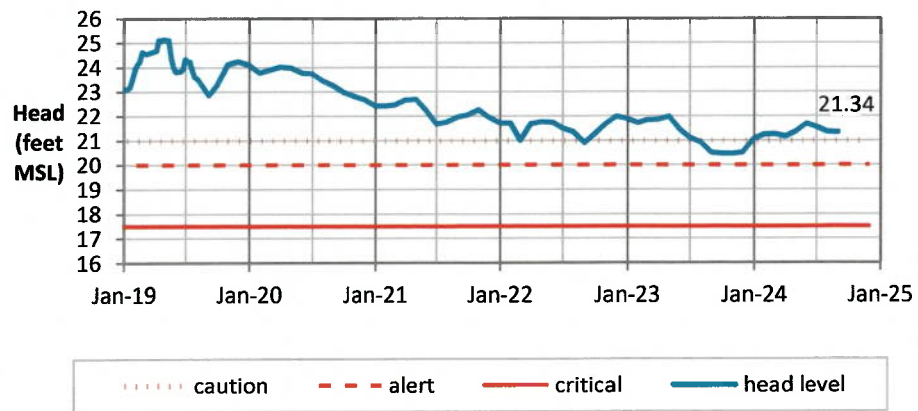
WATER USE DISTRICTS		SUBTOTAL	IMPORT	EXPORT	EFFECTIVE WATER DEMAND
1	HONOLULU	61.27	0.14	-	61.41
2	WINDWARD	17.72	-	0.14	17.58
3	NORTH SHORE	3.90	-	-	3.90
4	MILILANI	4.71	-	-	4.71
5	WAHIAWA	3.16	-	-	3.16
6	PEARL CITY-HALAWA	9.21	-	-	9.21
7	WAIPAHU-EWA	41.64	-	6.32	35.32
8	WAIANAE	4.20	6.32	-	10.52
TOTAL:		145.80	6.46	6.46	145.80

Head Report

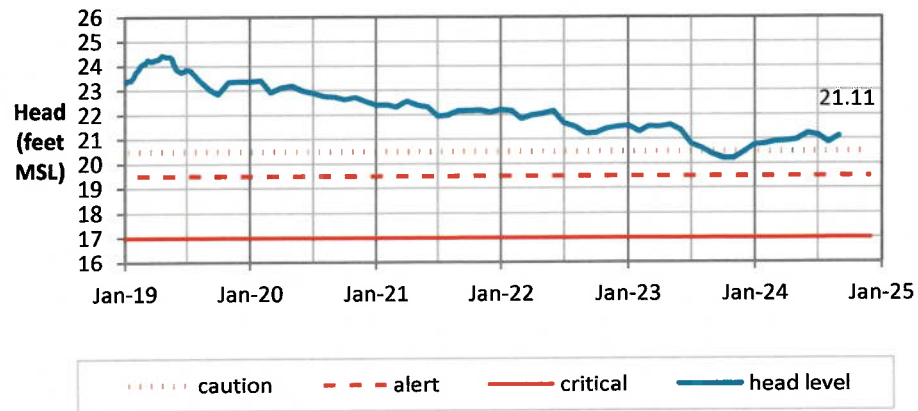
Kaimukī 09/03/24



Beretania 09/01/24

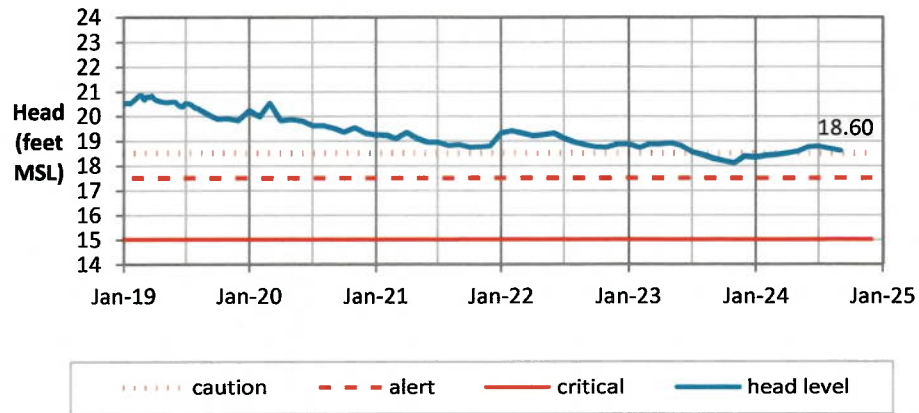


Kalihi 09/01/24

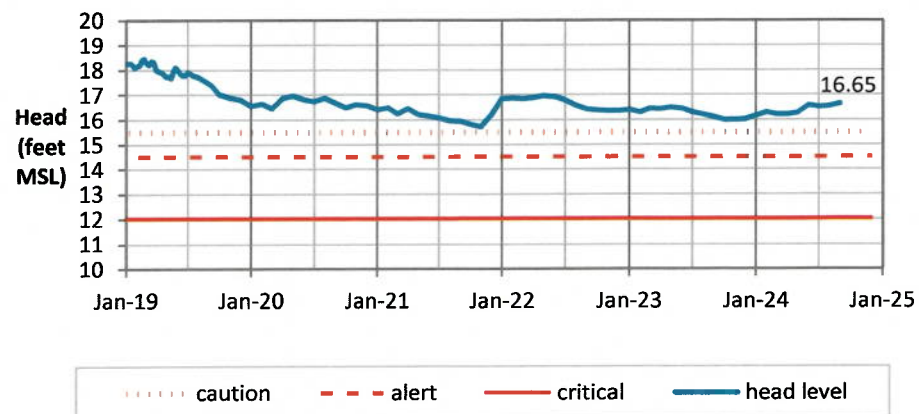


Head Report

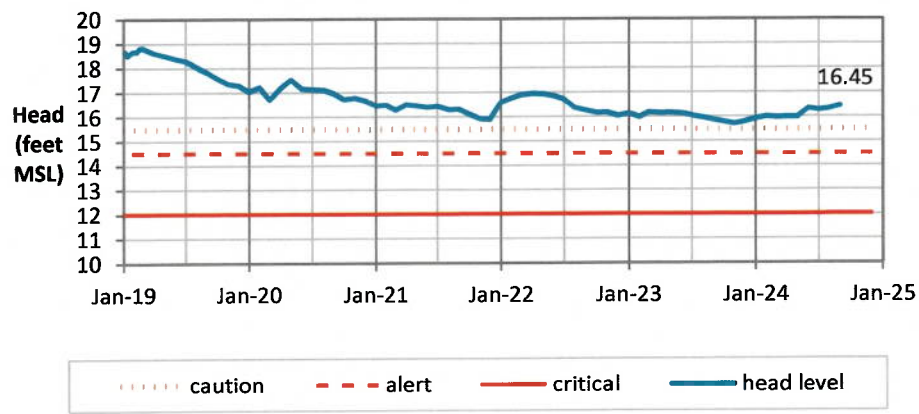
Moanalua 09/01/24



Hālawā 09/01/24

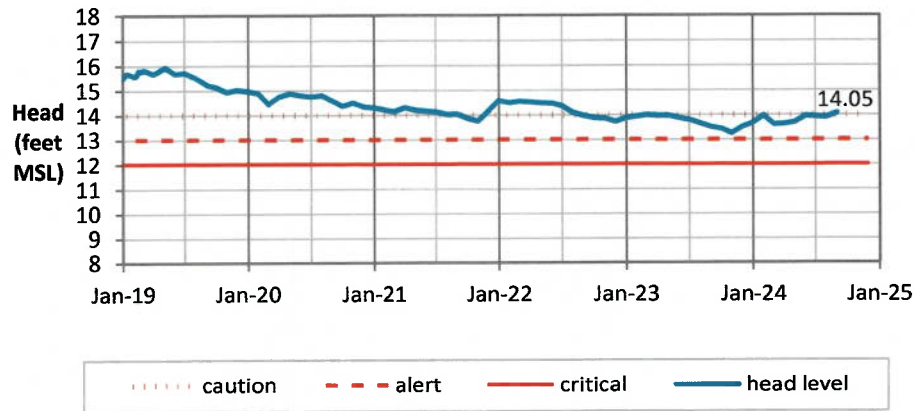


Kalauao 09/05/24

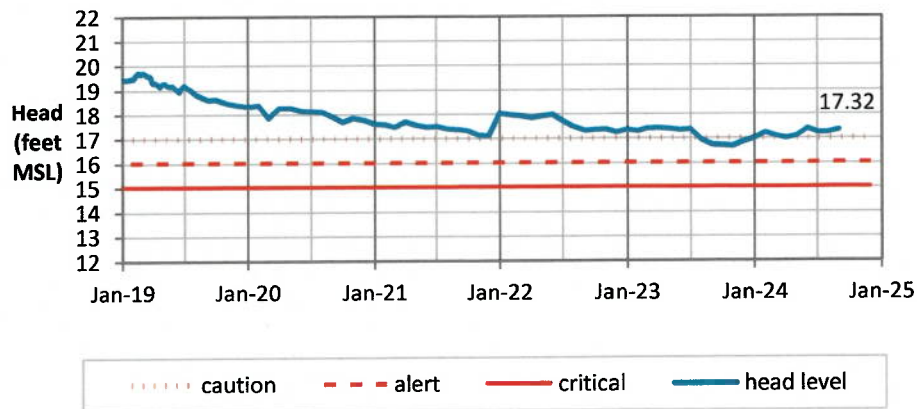


Head Report

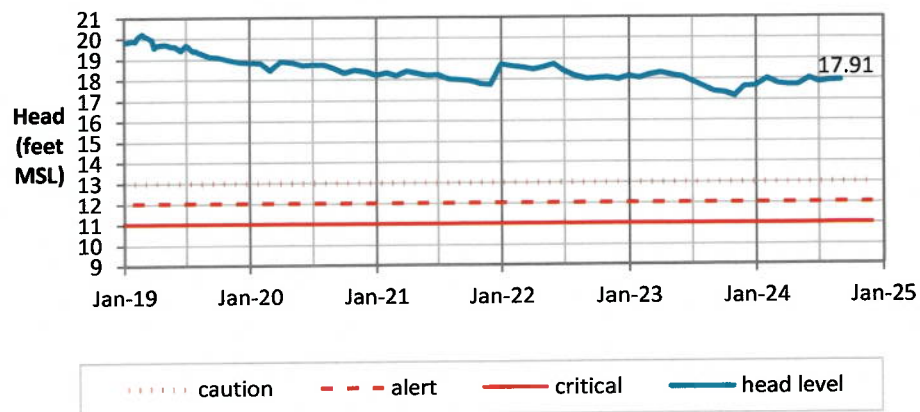
Pearl City 09/09/24



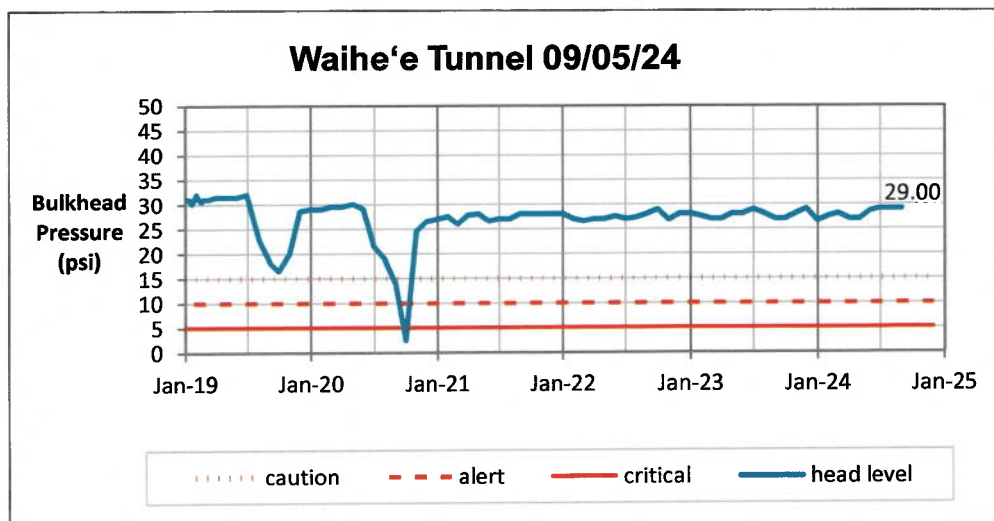
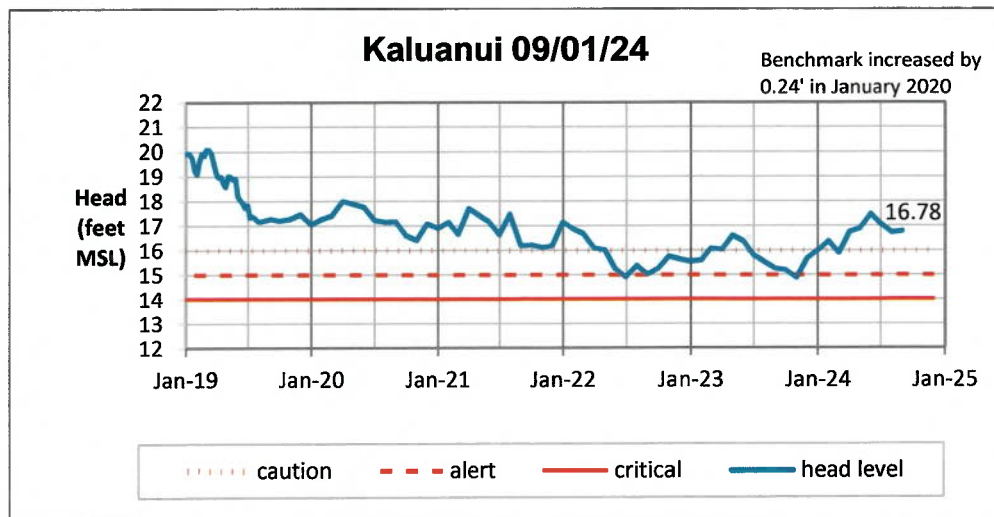
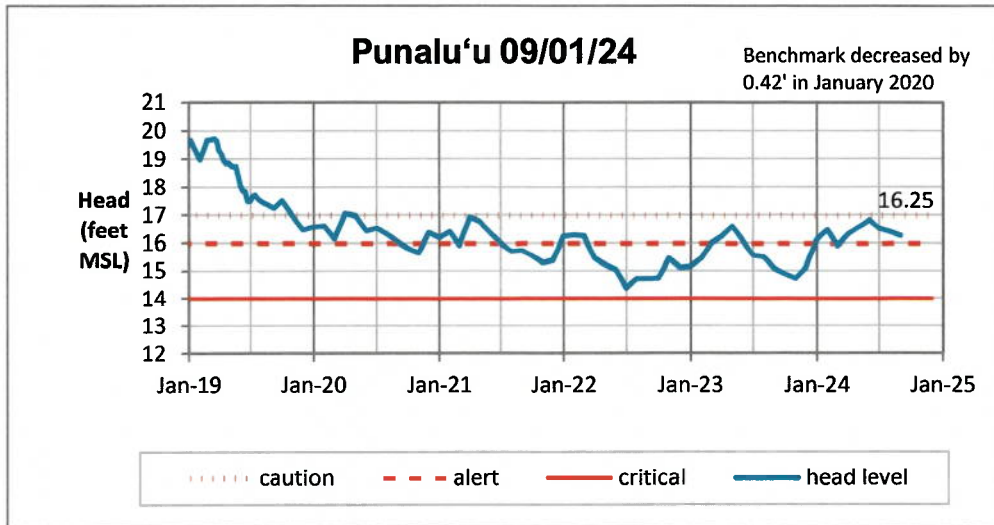
Waipahu 09/01/24



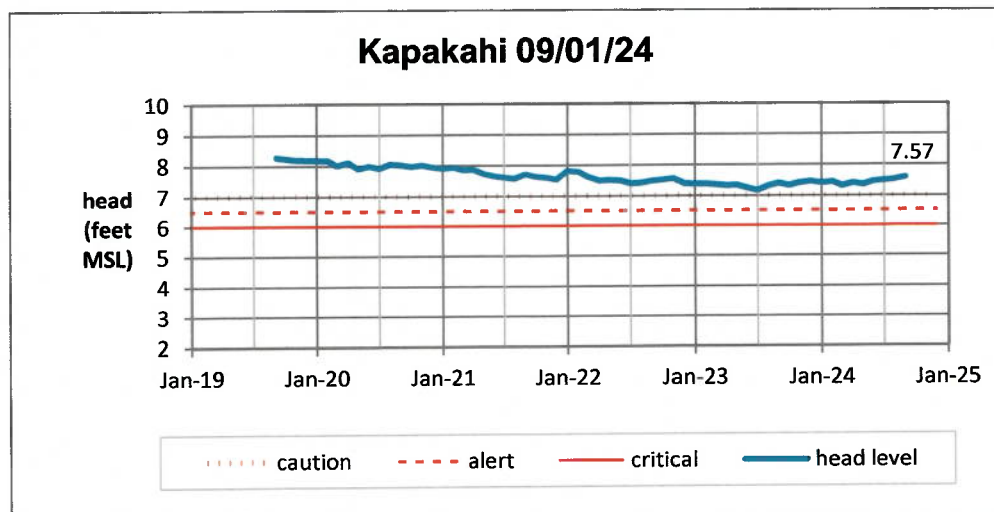
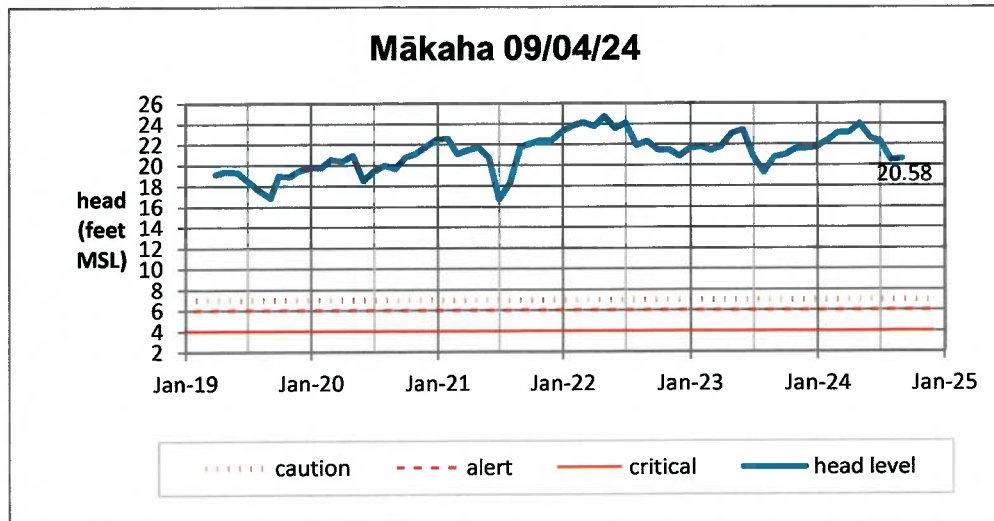
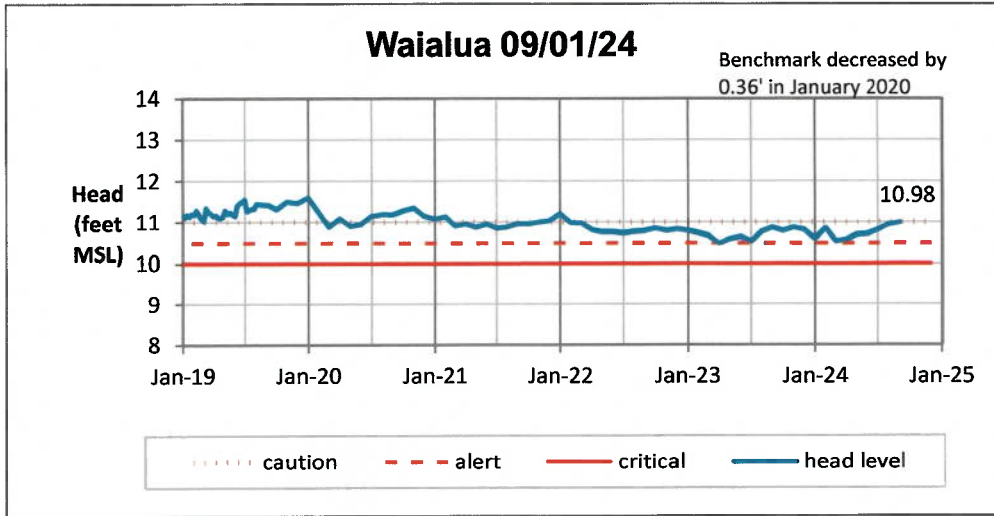
Hō'ae'ae-Kunia 09/01/24



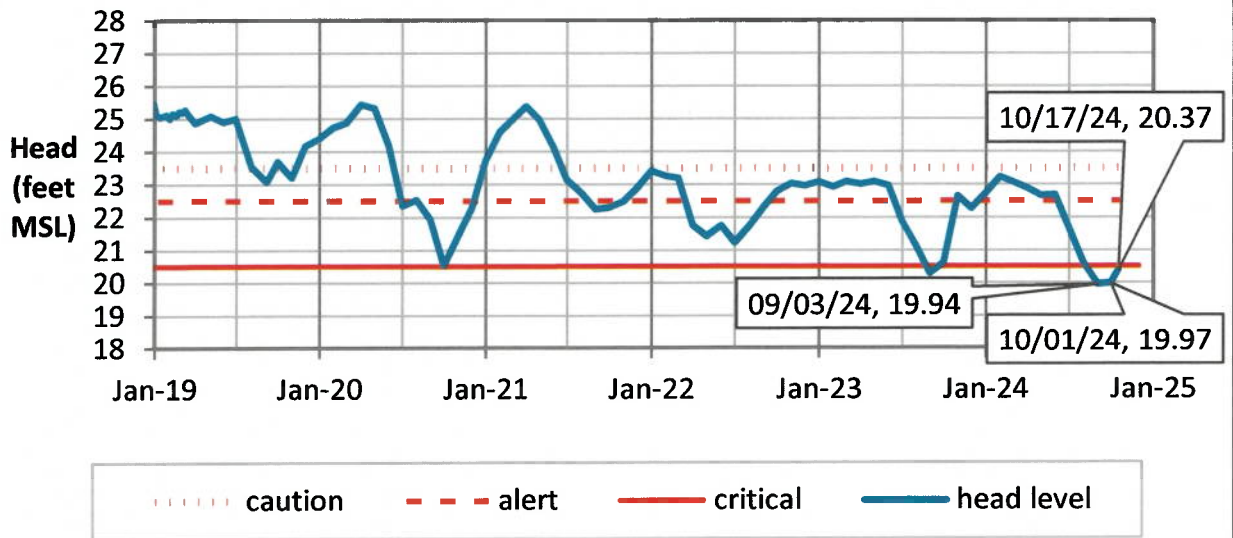
Head Report



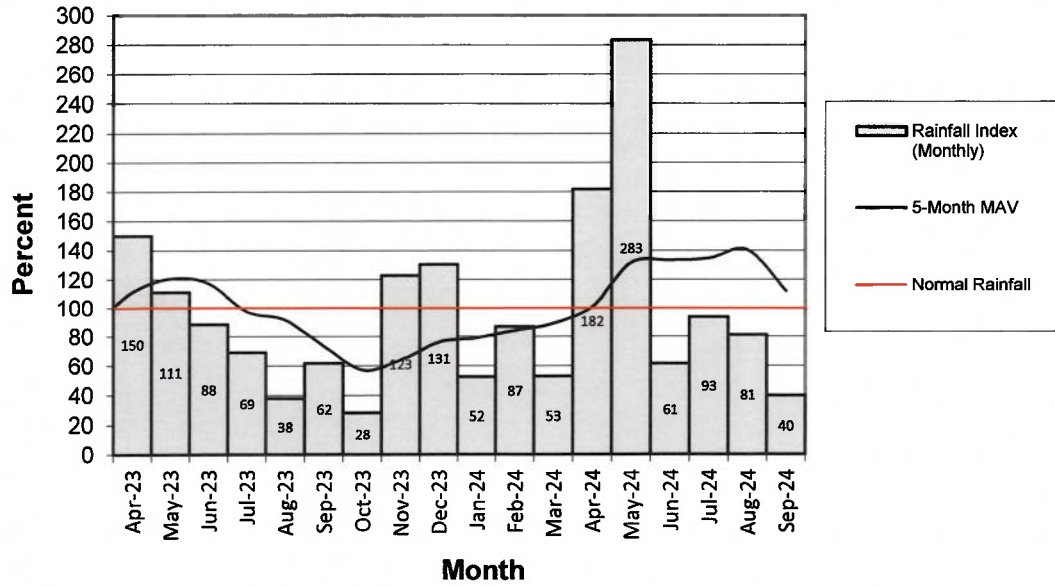
Head Report



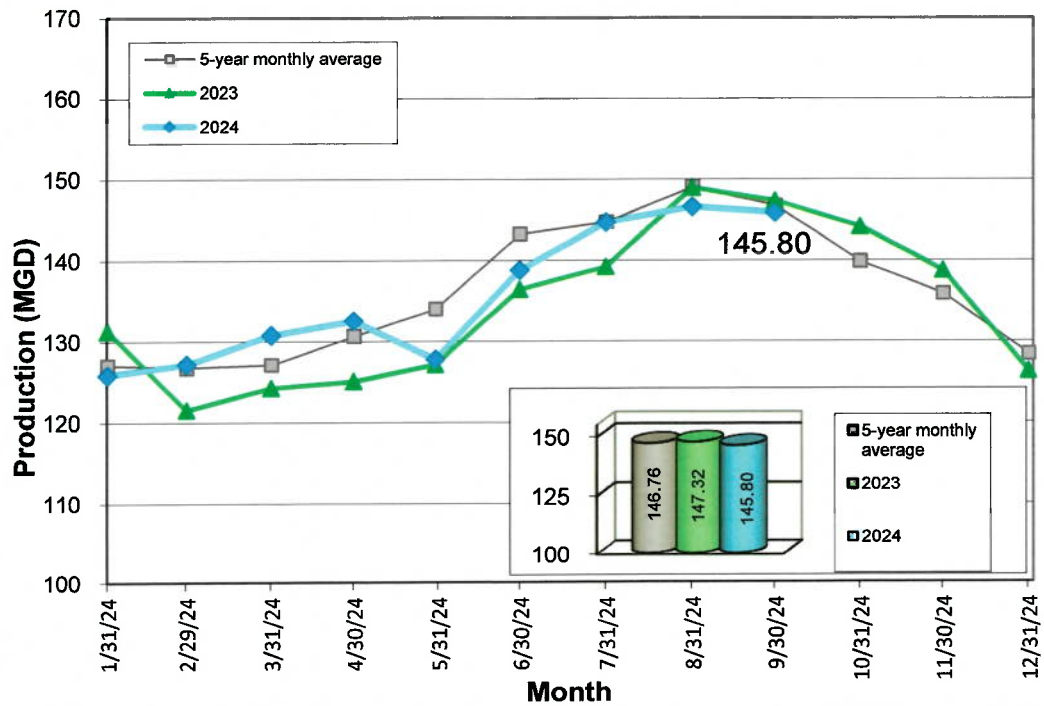
Kaimukī 10/17/24



HONOLULU WATERSHED AREA Rainfall Intake



Monthly Production



ITEM FOR INFORMATION NO. 4

"June 24, 2024

WATER MAIN
REPAIR
REPORT FOR
SEPTEMBER
2024

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 September 2024

Wayne Tello, Acting Program Administrator, Field Operations Division,
will report on water main repair work for the month of September 2024.

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.

Manager Lau shared that Bryan Chung and Jordan Kubo, Leak Detection Team, Field Operations Division, attended the Hawai'i Water Works Association (HWWA) Conference on Kaua'i and presented on the satellite leak detection program that the BWS uses. Mr. Chung and Mr. Kubo were able to start building networks with other county water departments to share their knowledge and work together on leak detection and prevent wasting water.

Chair Anthony asked if any of the other counties are using satellite technology.

Mr. Wayne Tello stated that no other county currently uses satellite technology for leak detection. Mr. Chung and Mr. Kubo presented the satellite leak detection program and answered questions from other counties.

Manager Lau stated that the HWWA has been around for 60 years, allowing all four county water departments to build relationships.

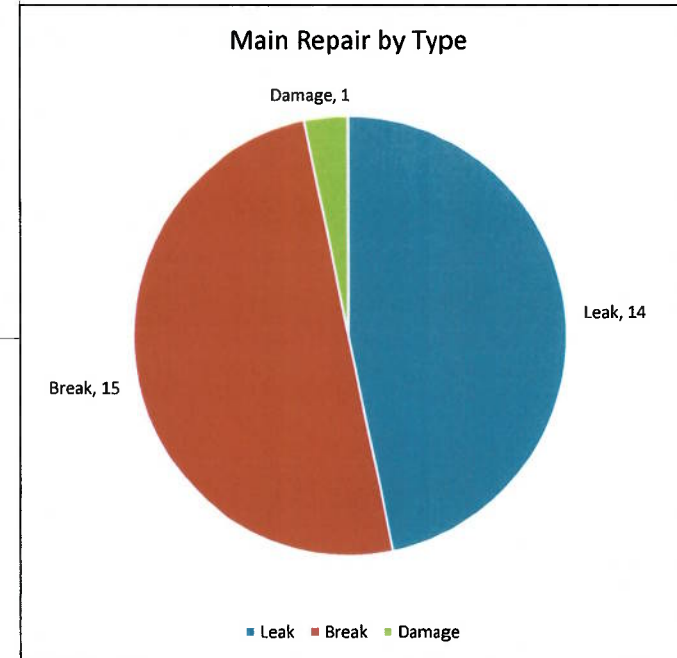
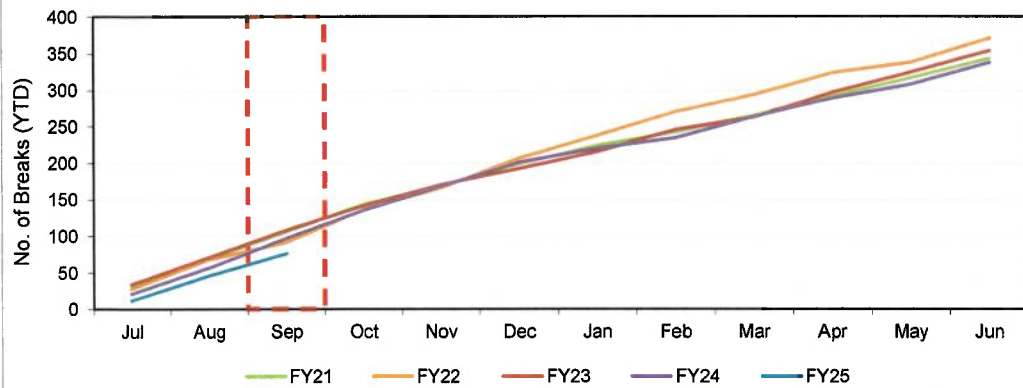
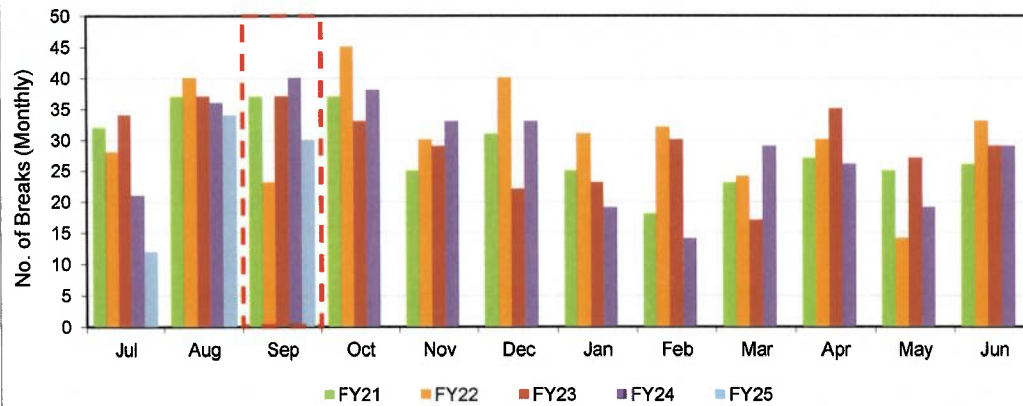
WATER MAIN REPAIR REPORT
for September 2024

Monthly Main Breaks

FY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
2025	12	34	30	--	--	--	--	--	--	--	--	--	76
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	--	--	--	--	--	--	--	--	--	45
Break	7	7	15	--	--	--	--	--	--	--	--	--	29
Damage	1	0	1	--	--	--	--	--	--	--	--	--	2
Total	12	34	30	0	0	0	0	0	0	0	0	0	76



Date	Address	Size (In)	Pipe Type	Date	Address	Size (In)	Pipe Type
9/1/2024	2926 Lowrey Ave, Honolulu	8	CI	9/29/2024	4825 Kahala Ave, Honolulu	8	CI
9/1/2024	3521 Maunaloa Ave, Honolulu	6	CI	9/29/2024	4817 Kahala Ave, Honolulu	8	CI
9/1/2024	2958 Kaloaluliki St, Honolulu	8	CI	9/30/2024	1159 Gulick Ave, Honolulu	6	CI
9/2/2024	3040 Alencastre Pl, Honolulu	6	CI	9/30/2024	203 Kamehameha Hwy, Wahiawa	6	CI
9/2/2024	98-775 Kaonohi St, Aiea	12	CI				
9/3/2024	84-1118 Lahaina St, Waianae	8	DI				
9/4/2024	3156 Alike Ave, Honolulu	8	PVC				
9/4/2024	94-693 Farrington Hwy, Waipahu	8	DI				
9/5/2024	Waianae Plantation Tunnels, Waianae	12	CI				
9/6/2024	808 Lukepane Ave, Honolulu	6	CI				
9/13/2024	1366 Ala Napunani St, Honolulu	8	CI				
9/14/2024	99-036 Nalopaka Pl, Aiea	6	CI				
9/16/2024	85-922 Midway St, Waianae	12	CI				
9/16/2024	3325 Maunaloa Ave, Honolulu	6	CI				
9/17/2024	94-232 Leowahine St, Waipahu	12	CI				
9/18/2024	2133 Pauloa Pl, Honolulu	4	DI				
9/19/2024	1817 Manaiki Pl, Honolulu	8	CI				
9/21/2024	1407 Ala Puumalu St, Honolulu	8	CI				
9/21/2024	91-102 Kaomi Lp, Kapolei	8	PVC				
9/22/2024	567 Avocado St, Wahiawa	12	CI				
9/22/2024	1407 Ala Puumalu St, Honolulu	8	CI				
9/23/2024	46-345 Kahuhipa St, Kaneohe	8	CI				
9/26/2024	85-419 Waianae Valley Rd, Waianae	12	CI				
9/27/2024	1922 Ulana Pl, Honolulu	4	CI				
9/27/2024	94-947 Awamoku Pl, Waipahu	6	CI				
9/28/2024	94-271 Haaa St, Waipahu	8	CI				

LEAK DETECTION for September 2024

POIs Investigated

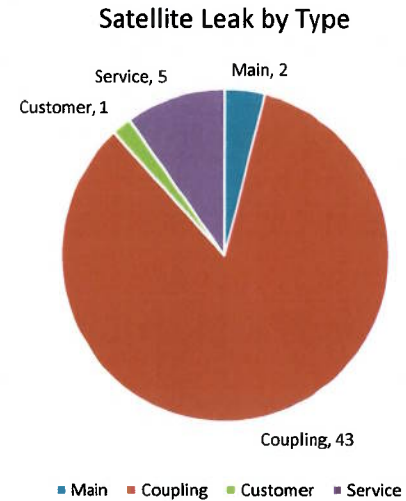
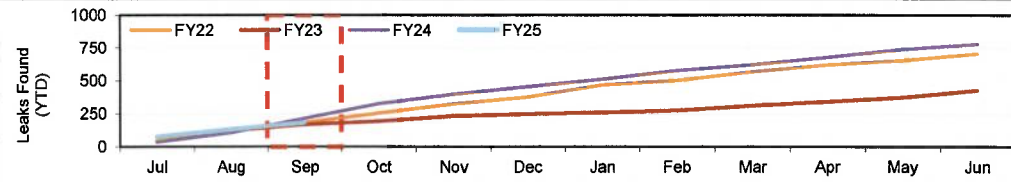
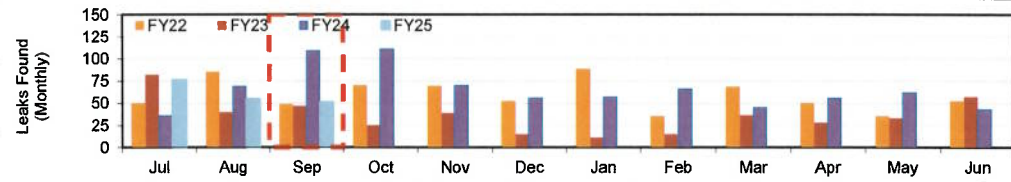
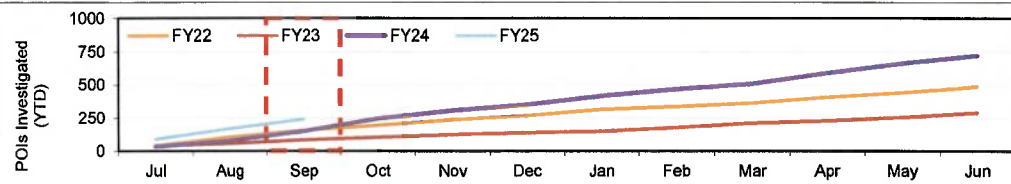
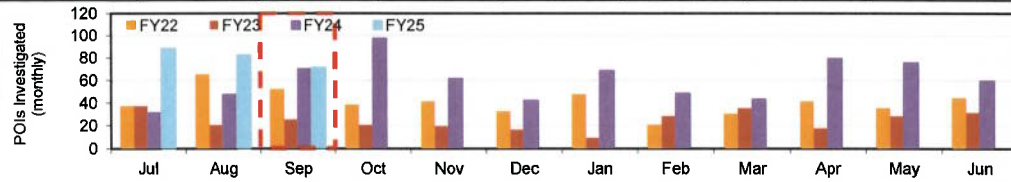
FY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
2025	88	82	71	--	--	--	--	--	--	--	--	--	241
2024	31	47	70	97	61	42	68	48	43	79	75	59	720
2023	37	20	25	20	19	16	9	28	35	17	28	31	285
2022	37	65	52	38	41	32	47	20	30	41	35	44	482

Leaks Found

FY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
2025	76	55	51	--	--	--	--	--	--	--	--	--	182
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	--	--	--	--	--	--	--	--	--	16
Coupling	62	41	43	--	--	--	--	--	--	--	--	--	146
Customer	3	4	1	--	--	--	--	--	--	--	--	--	8
Service	3	4	5	--	--	--	--	--	--	--	--	--	12
Total	76	55	51	0	0	0	0	0	0	0	0	0	182

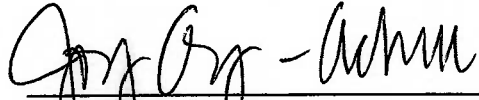


MOTION TO
ADJOURN


There being no further business, Chair Anthony, at 4:06 PM, called for a motion to adjourn the Regular Session. Gene Albano so moved, seconded by Lance Wilhelm, and unanimously carried.

The minutes of the Regular Meeting held on October 28, 2024, are respectfully submitted,

THE MINUTES OF THE REGULAR MEETING HELD ON OCTOBER 28, 2024, WERE APPROVED AT THE NOVEMBER 25 2024, BOARD MEETING			
	AYE	NO	COMMENT
NĀ'ĀLEHU ANTHONY	X		
JONATHAN KANESHIRO			ABSENT
KAPUA SPROAT	X		
BRYAN P. ANDAYA	X		
LANCE WILHELM	X		
EDWIN H. SNIFFEN			ABSENT
GENE C. ALBANO	X		


JOY CRUZ-ACHIU

APPROVED:


NĀ'ĀLEHU ANTHONY
Chair of the Board
NOV 25 2024

Date