

MINUTES

PUBLIC HEARING AND THE REGULAR MEETING OF THE BOARD OF WATER SUPPLY

September 28, 2020

The Public Hearing was held in the Board Room of the Public Service Building at 630 South Beretania Street, Honolulu, Hawaii, to Consider (1) Proposed Amendment to the Fiscal Year 2020-2021 Capital Improvement Program Budget for the Board of Water Supply

Present: Bryan P. Andaya, Chair
Kapua Sproat, Vice Chair via WebEx
Ray C. Soon, Board Member via WebEx
Ross S. Sasamura, Board Member, Ex-Officio
via WebEx
Jade T. Butay, Board Member, Ex-Officio via WebEx

Also Present: Ernest Lau, Manager and Chief Engineer
Ellen Kitamura, Deputy Manager and Chief Engineer
via WebEx
Jason Takaki, Program Administrator,
Capital Projects Division via WebEx
Jennifer Elfein, Program Administrator,
Customer Care Division via WebEx
Kathleen Elliott-Pahinui, Information Officer,
Communications Office via WebEx
Raelynn Nakabayashi, Executive Assistant I,
Executive Support Office
Mike Fuke, Program Administrator,
Field Operations Division via WebEx
Joseph Cooper, Waterworks Controller,
Finance Division via WebEx
Michele Thomas, Executive Assistant I,
Human Resources Office via WebEx
Henderson Nuuhiwa, Program Administrator,
Information Technology Division
via WebEx
Michael Matsuo, Land Administrator,
Land Division, via WebEx
Erwin Kawata, Program Administrator,
Water Quality Division, via WebEx
Barry Usagawa, Program Administrator,
Water Resources Division via WebEx
Kevin Ihu, Program Administrator, Water System
Operations Division via WebEx
Lorna Heller, Civil Engineer IV, Water Resources
Division via WebEx

Leanne Matsumoto, Assistant Waterworks
Controller, Finance Administration
via WebEx
Garon Hamasaki, Civil Engineer IV, Customer Care
Division via WebEx
Kathy Mitchell, Administrative Services Officer II via
WebEx
Deanna Thyssen, Executive Secretary via WebEx
Joy Cruz-Achiu, Board Secretary
Steven Norstrom, Information Specialist II,
Communications Office

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

Absent: Max J. Sword, Board Member

PUBLIC HEARING

At 2:03 PM, Chair Bryan Andaya called to order the Public Hearing.

Chair Andaya introduced the Board Members present via WebEx by roll call and requested that each Board Member respond verbally and say "aye" when their name is called. Vice Chair Kapua Sproat, aye; Board Member Jade Butay, aye; Board Member Ross Sasamura, aye; Board Member Ray Soon, aye; and Board Member Max Sword. Chair Andaya announced Board Member Max Sword may join the Board Meeting later.

Chair Andaya requested all attendees calling-in or video conferencing to please mute their microphone when not speaking to the audience and when intending to speak, unmute their microphone and identify themselves before speaking.

Chair Andaya also introduced those present in the Boardroom. Manager Ernest Lau, Board Secretary Joy Cruz-Achui, and Information Specialist Steven Norstrom. Joining by telephone, from the City and County Corporation Counsel, were Deputy Jeff Lau, and Deputy Jessica Wong.

Chair Andaya announced that the purpose of the Public Hearing was to consider the Proposed Amendment to the Fiscal Year 2020-2021 Capital Improvement Program Budget for the Board of Water Supply (BWS) and the notice for the Public Hearing appeared in the Honolulu Star Advertiser newspaper on September 18, 2020.

Chair Andaya stated the Board of Water Supply is dedicated to providing safe, dependable, and affordable water to customers.

Chair Andaya announced for the Public Hearing, due to COVID-19, under the Twelfth Supplementary Proclamation issued by Governor David Ige on August 26, 2020, the following procedures are in effect to allow social distancing. Written testimony may be submitted by email to board@hbws.org, by fax to (808) 748-5079, mailed to Board of Water Supply, 630 S. Beretania St., Honolulu, HI 96843, or on-line at the boardofwatersupply.com/testimony, which were all due at noon today. Telephone testimony is accepted by calling (808)748-6040, where you will be put in the queue and allowed to testify one at a time.

Chair Andaya introduced Executive Assistant Ms. Raelynn Nakabayashi of the Executive Support Office to present the Proposed Amendment to the Fiscal Year 2020-2021 Capital Improvement Program Budget for the Board of Water Supply.

Ms. Nakabayashi presented the Proposed Amendment to the Fiscal Year (FY) 2020-2021 Capital Improvement Program Budget. She stated the proposed amendment is in reference to Resolution 910, 2020 – Resolution Adopting the Operating and Capital Improvement Program Budget for Fiscal Year 2021 and Appropriating Funds Therefor, adopted by the Board on May 26, 2020, which appropriated the CIP Budget of \$170.13 million. This proposal aims to increase the Capital Improvement Program (CIP) Budget by \$31.46 million, making the total CIP budget \$201.59 million. There were no changes to the adopted Operating Budget.

Ms. Nakabayashi presented the proposed CIP changes in detail as follows:

1. The BWS proposed increasing the Operating Fund appropriation by \$5.5 million, which included an increase of \$3 million to expand capacity and resiliency by constructing a secondary laboratory and control center at the BWS Manana Base Yard; \$300,000 in the Construction Cost Index Account for the foregoing project; \$2.3 million in the Contract Adjustment Account; and a decrease of \$100,000 for the design project to remove the Haiku Stairs. The ending Operating Fund balance would decrease to \$18 million, which would be equivalent to 32 days of working capital. The working capital calculation does not include the Programmatic Financing (ProFi) funds available to the BWS from the Drinking Water State Revolving Fund (DWSRF). If \$12 million is received in FY 2020-2021, Working Capital would be adjusted to 53 days.
2. The BWS proposed increasing the Improvement Fund appropriation by \$4.62 million to add the Lanikai Water System Improvement Project Part II at a cost of \$4.2 million and an increase in the Construction Cost Index Account of \$420,000 for the foregoing project. These changes will not require additional bond funding because the BWS will cover this increase in appropriation with excess bond proceeds from the FY 2019-2020 Bond Issuance.
3. The BWS proposed increasing the Special Expendable Fund appropriation to add an additional funding for the Kalawahine 180 Reservoir Project. This would increase the Special Expendable Fund appropriation by \$21.34 million. The increase includes the existing project appropriation for the reservoir of \$1.2 million, a new project line appropriation for the reservoir's connecting pipelines of \$18.2 million, and an increase in the Construction Cost Index Account of \$1.94 million for the foregoing projects. The additional funding required to award this project is available within the Special Expendable Fund's current fund balance. The increase in appropriation in FY 2020-2021 included appropriating Special Expendable Funds that lapsed in the previous fiscal year.

Ms. Nakabayashi stated the BWS is requesting the Board's approval to increase the total FY 2020-2021 CIP Budget to \$201.59 million. The greatest increase in appropriation is in the Special Expendable Fund for a total of \$21.34 million. The next largest increase in appropriation is in the Operating Fund for \$5.5 million relating to the expansion of the Manana Base Yard to include a secondary lab and control center. She explained it is essential to further develop the BWS capacity and resiliency to respond to emergencies and continue to provide essential water service to Oahu. Additionally, this project has been expedited with the hopes that the BWS may make use of the Coronavirus Aid, Relief, and Economic Security (CARES) funds. Lastly, the Improvement Fund increases \$4.62 for the Lanikai Water System Project Part II, which was added to the FY 2021 Budget to avoid construction conflicts in FY 2022.

Manager Ernest Lau stated that this is the first time the CIP budget is being amended in eight years since he has been with the BWS.

Manager Lau explained the importance of getting as many CIP projects as the BWS can afford to create jobs and assist with the economic hardships the island is facing. The proposed amendment approval to the CIP budget of \$201.5 million would boost the construction industry.

Chair Andaya asked Mr. Steven Norstrom, Information Specialist, Communications Office if there were any telephone testifiers. Mr. Norstrom responded that there were no telephone testifiers. Chair Andaya stated to let the record reflect that there were no telephone testifiers.

AFFIDAVIT OF PUBLICATION

IN THE MATTER OF
NOTICE OF PUBLIC HEARING

STATE OF HAWAII

City and County of Honolulu

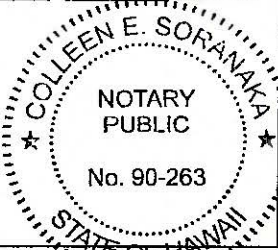
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Doc. Date: SEP 18 2020 # Pages: 1

Notary Name: COLLEEN E. SORANAKA First Judicial Circuit

Doc. Description: Affidavit of Publication

[Signature] SEP 18 2020
Notary Signature Date



Lisa Sakakida being duly sworn, deposes and says that she is a clerk, duly authorized to execute this affidavit of Oahu Publications, Inc. publisher of The Honolulu Star-Advertiser, MidWeek, The Garden Island, West Hawaii Today, and Hawaii Tribune-Herald, that said newspapers are newspapers of general circulation in the State of Hawaii, and that the attached notice is true notice as was published in the

Honolulu Star-Advertiser 1 times on:

09/18/2020

MidWeek 0 times on:

The Garden Island 0 times on:

Hawaii Tribune-Herald 0 times on:

West Hawaii Today 0 times on:

Other Publications: 0 times on:

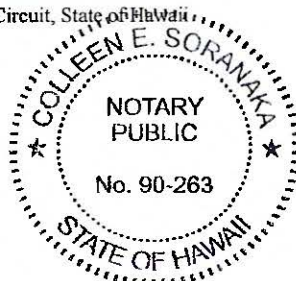
And that affiant is not a party to or in any way interested in the above entitled matter.

Lisa Sakakida

Subscribed to and sworn before me this 18th day of September A.D. 20 20

[Signature]
Colleen E. Soranaka, Notary Public of the First Judicial Circuit, State of Hawaii
My commission expires: Jan 06 2024

Ad # 0001294752



NOTICE OF PUBLIC HEARING

NOTICE IS HEREBY GIVEN that the BOARD OF WATER SUPPLY, CITY AND COUNTY OF HONOLULU, will hold a PUBLIC HEARING in the Board Room, Public Service Building, 630 South Beretania Street, on Monday, September 28, 2020, at 2:00 p.m. or soon thereafter, where all interested persons shall be afforded the opportunity of being heard, while complying with all directives from the Governor of the State of Hawaii and the Mayor of the City and County of Honolulu, on the adoption of the proposed Amendment to the Fiscal Year (FY) 2020-2021 Capital Improvement Program Budget of the Board of Water Supply for the fiscal year beginning July 1, 2020 and ending June 30, 2021.

Information to be discussed at the public hearing will be made available online at www.boardofwatersupply.com. All comments on or suggested changes to the proposed Amended FY 2020-2021 Capital Improvement Program Budget of the Board of Water Supply can be submitted by Testimony.

Testimony can be submitted as follows:

- Written testimony may be emailed to board@hbws.org or faxed to (808) 748-5079. Testimony is due by Monday, September 28, 2020, at noon. Written testimonies should include the submitter's address, email address, and phone number. Written testimony will be posted to the BWS website at boardofwatersupply.com.
- Mail written testimony to Board of Water Supply, 630 S. Beretania St., Honolulu, HI 96843. Testimony is due by Monday, September 28, 2020, at noon.
- On-line testimony will be accepted at boardofwatersupply.com/testimony. Fill out the testimony form. Due by Monday, September 28, 2020, at noon.
- Telephone testimony will be accepted during the meeting at (808) 748-6040. Callers will be placed in a queue and brought up to testify one at a time.
- In-person testimony will not be accepted.

Testimony is limited to two (2) minutes and shall be presented by the registered speaker only.

Any person requiring special assistance may contact Luella Paekukui at 748-5176, no later than September 22, 2020, so that appropriate accommodations can be provided.

BOARD OF WATER SUPPLY
CITY AND COUNTY OF HONOLULU

ICSP NO.: _____

WATER FOR LIFE

Safe, dependable, and affordable water now and into the future



Board of Water Supply
City and County of Honolulu

Proposed Amendment to the Fiscal Year 2020-2021 Capital Improvement Program Budget

September 28, 2020



WATER FOR LIFE

Safe, dependable, and affordable water now and into the future



Board of Water Supply
City and County of Honolulu

Proposed Amendment to the FY2020-2021 CIP Budget

	Res 910, 2020	Proposed	Net Change
Capital Improvement Program			
Operating Fund	63,627,500	69,127,500	5,500,000
Improvement Fund	72,980,000	77,600,000	4,620,000
Special Expendable Fund	33,520,000	54,860,000	21,340,000
TOTAL	170,127,500	201,587,500	31,460,000





CIP – Operating Fund

Project Line Item	Res 910, 2020	Proposed	Net Change
(51) Haiku Stairs Removal	100,000	--	(100,000)
(NEW) Manana Base Yard Lab and Control Center Expansion	--	3,000,000	3,000,000
Construction Cost Index Account	3,592,500	3,892,500	300,000
Contract Adjustment Account	15,000,000	17,300,000	2,300,000
TOTAL			5,500,000

The increase in Operating Funds budgeted in the CIP of \$5.5M dollars will reduce the ending Operating Fund balance from \$23.6M to \$18.0M.

This equates to 32 Days of Working Capital

This calculation does not account for the \$12M ProFi funds available to the BWS from the State of Hawaii DWSRF Program. If \$12M in funds are received, Working Capital would be adjusted to **53 Days**





CIP – Improvement Fund

Project Line Item	Res 910, 2020	Proposed	Net Change
(NEW) Lanikai Water System Improvements, Part II	--	4,200,000	4,200,000
Construction Cost Index Account	6,130,000	6,550,000	420,000
TOTAL			4,620,000

The increase in Improvement Funds budgeted in the CIP of \$4.62M dollars is covered by excess proceeds from the FY2019-2020 Bond Issuance.

This DOES NOT increase the “New Money” needed to finance FY2020-2021 Projects.





CIP – Special Expendable Fund

Project Line Item	Res 910, 2020	Proposed	Net Change
(53A) Kalawahine 180 2.0 MG Reservoir	17,000,000	18,200,000	1,200,000
(53B) Kalawahine 180 2.0 MG Connecting Pipelines	--	18,200,000	18,200,000
Construction Cost Index Account	1,700,000	3,640,000	1,940,000
TOTAL			21,340,000

The increase in Special Expendable Funds budgeted in the CIP of \$21.34M dollars is within the available Fund Balance.

This includes the re-budgeting of Sp Ex Fund amounts lapsed in Prior Fiscal Years.



WATER FOR LIFE

Safe, dependable, and affordable water now and into the future



Board of Water Supply
City and County of Honolulu

Proposed Amendment to the FY2020-2021 CIP Budget

	Res 910, 2020	Proposed	Net Change
Capital Improvement Program			
Operating Fund	63,627,500	69,127,500	5,500,000
Improvement Fund	72,980,000	77,600,000	4,620,000
Special Expendable Fund	33,520,000	54,860,000	21,340,000
TOTAL	170,127,500	201,587,500	31,460,000



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Board of Water Supply
City and County of Honolulu

THANK YOU!



Chair Andaya inquired if any emails, written, or on-line testimonies were received on the proposed amendment budget. Manager Lau responded there were no emailed, written, or on-line testimonies. Chair Andaya stated to let the record reflect that no emailed, written, or on-line testimonies were submitted.

Chair Andaya asked if anyone had any questions before closing the public hearing.

Chair Andaya closed the Public Hearing at 2:16 PM and continued with the Regular Board Meeting.

REGULAR MEETING

Chair Bryan Andaya called to order the Regular Meeting at 2:16 PM.

APPROVAL OF MEETING Approval of the Minutes of the Regular Meeting held on August 24, 2020.

MOTION TO APPROVE Ross Sasamura and Jade Butay motioned and seconded, respectively, to Approve the Minutes of the Regular Meeting of August 24, 2020. The motion was unanimously carried.

Chair Andaya asked if there were any discussion on the minutes. Since there was no discussion, Chair Andaya requested that Board Secretary Ms. Joy Cruz-Achiu conduct a roll call vote.

Ms. Cruz-Achiu conducted a roll call vote: Vice Chair Kapua Sproat, aye; Board Member Ray Soon, aye; Board Member Ross Sasamura, aye; Board Member Jade Butay, aye; and Chair Bryan Andaya, aye.

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

THE MINUTES OF THE REGULAR MEETING HELD ON AUGUST 24, 2020, WERE APPROVED AT THE SEPTEMBER 28, 2020 BOARD MEETING				
	AYE	NO	ABSTAINED	COMMENT
BRYAN P. ANDAYA	X			
KAPUA SPROAT	X			
RAY C. SOON	X			
MAX J. SWORD				ABSENT
ROSS S. SASAMURA	X			
JADE T. BUTAY	X			

"September 28, 2020

ADOPTION OF
RESOLUTION
NO. 914, 2020 -
KARL S. IWASAKI,
2020 EMPLOYEE
OF THE YEAR

Chair and Members
Board of Water Supply
City and County of Honolulu

Honolulu, Hawaii 96843

Chair and Members:

Subject: Adoption of Resolution No. 914, 2020 -
Karl S. Iwasaki, 2020 Employee of the Year

We are pleased to announce that a 2020 Employee of the Year for the Board of Water Supply is Mr. Karl S. Iwasaki. He is a Water Microbiologist V in the Water Quality Division.

We recommend the adoption of Resolution No. 914, 2020, to honor Mr. Karl S. Iwasaki for his outstanding service, contributions, and dedication to the Board of Water Supply.

Respectfully Submitted,

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

Attachment"

The foregoing was for information only.

DISCUSSION: Mr. Erwin Kawata, Program Administrator, Water Quality Division, read Resolution 914, 2020.

Chair Andaya asked for a motion to approve.

MOTION TO ADOPT Ross Sasamura and Ray Soon motioned and seconded, respectively, the Adoption of Resolution No. 914, 2020 – Karl S. Iwasaki, 2020 Employee of the Year

In recognition as the BWS 2020 Employee of the Year, Chair Andaya and Manager Lau presented Mr. Iwasaki with a lei, a certificate, and a framed signed resolution.

Board Member Ray Soon stated that the BWS has talented and committed employees. Fellow peers elected Mr. Iwasaki as 2020 Employee of the Year because of his dedication and contribution to the BWS.

Board Member Soon expressed his appreciation and complimented Mr. Iwasaki for all his accomplishments and work.

Chair Andaya asked everyone to join him in applauding Mr. Iwasaki.



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

RESOLUTION NO. 914, 2020

**KARL IWASAKI
2020 EMPLOYEE OF THE YEAR**

WHEREAS, KARL IWASAKI, a Water Microbiologist V with the Water Quality Division, has been a dedicated and exceptional employee since joining the Board of Water Supply (BWS) in 1998, and was selected as the Department's 2020 Employee of the Year; and

WHEREAS, MR. IWASAKI effectively supervises the Microbiology Laboratory and greatly contributes to the BWS mission of ensuring the delivery of safe and dependable drinking water to residents now and into the future;

WHEREAS, MR. IWASAKI led a project to implement a new cloud-based smartphone laboratory data system that significantly improved the management of laboratory information previously done using an outdated and failing pocket personal computer (PC) program; and

WHEREAS, when news of the coronavirus surfaced, MR. IWASAKI established a highly resourceful plan to ensure that the laboratory was fully stocked and that his staff was well prepared to meet the upcoming challenges; and

WHEREAS, with his trademark smile, KARL IWASAKI continues to work tirelessly and resourcefully to create a positive workplace where camaraderie is accentuated; and

WHEREAS, KARL IWASAKI has been selected as a 2020 Board of Water Supply Employee of the Year and will go on to represent BWS in the upcoming City Employee of the Year Recognition Ceremony, bringing pride and honor to the Department, his family, and friends; now, therefore

BE IT RESOLVED by the Members of the Board of Water Supply, City and County of Honolulu, that we do hereby express to KARL IWASAKI, our sincere appreciation for his outstanding service to the Department and to the City and County of Honolulu; and

BE IT FURTHER RESOLVED that the Members of this Board express to KARL IWASAKI our sincere congratulations upon his selection as the Board of Water Supply Employee of the Year for 2020; and

BE IT FINALLY RESOLVED that this Resolution be presented to MR. IWASAKI with our heartfelt aloha and best wishes for success in all his future endeavors.



Resolution No. 914, 2020

Adopted this 28th day of September 2020
Board of Water Supply, Honolulu, Hawaii

BRYAN P. ANDAYA
Chair of the Board

Chair Andaya asked if there were any further comments or discussion. Since there were no further discussion or comments, Chair Andaya requested that Ms. Cruz-Achiu conduct the roll call vote.

Ms. Cruz-Achiu conducted a roll call vote: Vice Chair Kapua Sproat, aye; Board Member Ray Soon, aye; Board Member Ross Sasamura, aye; Board Member Jade Butay, aye; and Chair Bryan Andaya, aye.

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

ADOPTION OF RESOLUTION NO. 914, 2020 - KARL IWASAKI, 2020 EMPLOYEE OF THE YEAR ADOPTED ON SEPTEMBER 28, 2020				
	AYE	NO	ABSTAINED	COMMENT
BRYAN P. ANDAYA	X			
KAPUA SPROAT	X			
RAY C. SOON	X			
MAX J. SWORD				ABSENT
ROSS S. SASAMURA	X			
JADE T. BUTAY	X			

Adopted this 28th day of September 2020
Board of Water Supply, Honolulu, Hawaii



BRYAN P. ANDAYA
Chair of the Board

"September 28, 2020

ADOPTION OF
RESOLUTION
NO. 915, 2020
AMENDING THE
CAPITAL
IMPROVEMENT
PROGRAM
BUDGET AND
APPROPRIATING
FUNDS
THEREFOR AND
REVISIONS OF
THE 2020-2021
CAPITAL
IMPROVEMENT
PROGRAM
BUDGET -
AMENDMENT
NO. 1

Chair and Members
Board of Water Supply
City and County of Honolulu
Honolulu, Hawaii 96843

Chair and Members:

Subject: Adoption of Resolution No. 915, 2020 Amending the
2020-2021 Capital Improvement Program Budget and
Appropriating Funds Therefor and Revision of the 2020-2021
Capital Program Budget – Amendment No. 1

We recommend adoption of the attached Resolution No. 915, 2020, which increases the total appropriation for the 2020-2021 Capital Improvement Program Budget by \$31,460,000 from \$170,127,500 to \$201,587,500.

This resolution will provide additional funding as follows:

1. \$1,320,000 for additional costs associated with the construction of the Kalawahine 180 2.0 MG Reservoir.
 - a. This project was originally budgeted in FY 2019-2020, though bid prices exceeded available funds and an award was not made. The FY2019-2020 funding lapsed back to the Special Expendable Fund. While this amendment increases funding based on the bids received in FY2019-2020, the BWS is considering splitting the project into two parts in an effort to receive better pricing.
2. \$2,300,000 for anticipated change orders associated with the following projects:
 - a. \$1,500,000 Makakilo Water System Improvements, Part III
 - b. \$500,000 Kalaeloa Desalination
 - c. \$150,000 Energy Savings Performance Contract
 - d. \$150,000 Ewa Shaft
3. \$27,940,000 of additional funding for three new projects:
 - a. \$3,300,000 for the Manana Base Yard Lab and Control Center Expansion.
 - i. \$3,000,000 for the project line item and \$300,000 to the Construction Cost Index Account.
 - ii. The pandemic has forced the department to modify its operations. Secondary/backup sites are needed to maintain operations and the health and safety of our staff and to ensure the protection of our drinking water. A design contract was executed in June 2020, is being expedited and is scheduled for completion by December 2020. BWS has applied for reimbursement of federal funds under the CARES Act for the design portion of this project.

- b. \$4,620,000 for the Lanikai Water System Improvements, Part II.
 - i. \$4,200,000 to the project line item, and \$420,000 to the Construction Cost Index Account.
 - ii. This project is being requested by the department's Field Operations Division based on their assessment of the condition of the existing pipelines in this area. During the design phase of this project, 40 water main failures were recorded within this project area. Additionally, some of the mains being replaced are non-standard size and some mains are asbestos-concrete pipe, making continued breaks in this system difficult to repair.
- c. \$20,020,000 for the Kalawahine 180 2.0 MG Reservoir Connecting Pipelines.
 - i. \$18,200,000 for the project line item and \$1,820,000 to the Construction Cost Index Account.
 - ii. This project was originally budgeted in FY 2019-2020, though bid prices exceeded available funds and an award was not made. The FY2019-2020 funding lapsed back to the Special Expendable Fund. While this amendment increases funding based on the bids received in FY2019-2020, the BWS is considering splitting the project into two parts in an effort to receive better pricing.

Further, this resolution will remove funding as follows:

- 1. <\$100,000> reduction of funds for the Haiku Stairs Removal project.
 - a. Haiku Stairs and the land around it were transferred to the City and County of Honolulu effective July 1, 2020. As such the funding programmed to begin the removal project is no longer necessary.

We recommend adoption of the amended Capital Improvement Program Budget for the fiscal year beginning July 1, 2020, and ending June 30, 2021, as submitted to the Board on September 28, 2020. A public hearing to consider the proposed amended budget, as required by the City Charter, was held on September 28, 2020. The affidavit attesting to the publication of the public hearing notice is attached.

The current Capital Improvement Program (CIP) Budget shall be amended as described below:

- 1. Add appropriations for the following CIP projects:

Item No. 23A LANIKAI WATER SYSTEM IMPROVEMENTS, PART II
 Install 16-inch mains and appurtenances along Kalaheo Avenue from Kailua Road to Lihiwai Road; along Lihiwai Road from Kalaheo Avenue to Kawailoa Road; and along Kawailoa Road from Lihiwai Road to Popoia Road – approximately 1,450 lin. ft. Install 8-inch mains and appurtenances along Kawailoa Road from Alala Road to

end; along Alala Road from Kawaihoa Road to FH W02578; and along Mokolea Drive from Aalapapa Drive to TMK 4-3-004:018 – approximately 1,850 lin. ft. Install 4-inch mains and appurtenances along Koohoo Place from TMK 4-3-005:040 to end – approximately 100 lin. ft.

<u>Appropriation</u>		<u>Present</u>	<u>Proposed</u>
IMPROVEMENT FUND	CONST	0	
4,200,000			

Item No. 53A KALAWAHINE 180 2.0 MG RESERVOIR
Construct a 2.0 MG Type I prestressed concrete reservoir (Spillway elevation = 180'), deep foundations, retaining walls, reservoir piping, and all appurtenances.

<u>Appropriation</u>		<u>Present</u>	<u>Proposed</u>
SPECIAL EXPENDABLE FUND	CONST	17,000,000	18,200,000

Item No. 53B KALAWAHINE 180 2.0 MG RESERVOIR – PIPELINES
Install 24-inch water main, including appurtenances and pipe corrosion protection from Anianiku Street to Kinau Street. approx. 4,913 lin. ft.

<u>Appropriation</u>		<u>Present</u>	<u>Proposed</u>
SPECIAL EXPENDABLE FUND	CONST	0	18,200,000

Item No. 59A MANANA CORPORATION YARD – LABORATORY AND CONTROL CENTER EXPANSION

This project to provide a secondary lab testing facility is necessary to enable BWS to prepare, respond, mitigate and manage its water resources and operations by expanding its laboratory testing capabilities to ensure the drinking water meets all federal and state regulations and the water is safe to drink. In addition, the provision of a back-up operations control center will enable BWS to safely control and operate its facilities in the event that the main control center is inoperable.

<u>Appropriation</u>		<u>Present</u>	<u>Proposed</u>
OPERATING FUND	CONST	0	3,000,000

2. Delete the appropriation for the following CIP project:

Item No. 51 HAIKU STAIRS REMOVAL
The ownership of Haiku Stairs facility has been transferred to the City and County of Honolulu. The funding for this project is no longer needed and will be deleted from the budget.

<u>Appropriation</u>		<u>Present</u>	<u>Proposed</u>
OPERATING FUND	P&E	100,000	0

3. Increase the appropriations for the:
CONSTRUCTION COST INDEX (CCI) ADJUSTMENT ACCOUNT
 With the additional funding for construction projects, a commensurate increase will be added to this account

<u>Appropriation</u>	<u>Present</u>	<u>Proposed</u>
OPERATING FUND	2,652,500	2,952,500
SPECIAL EXPENDABLE	1,700,000	3,640,000
IMPROVEMENT FUND	5,880,000	6,300,000

CONTRACT ADJUSTMENT ACCOUNT (CAA)

The CAA in the FY 2020-2021 CIP Budget did not account for the following estimated contract change orders:

Makakilo Water System Improvements Part III	\$1,500,000
Kalaeloa Desalination	500,000
Energy Savings Performance Contract	150,000
<u>Ewa Shaft</u>	<u>150,000</u>
Increase to the CAA	\$2,300,000

<u>Appropriation</u>	<u>Present</u>	<u>Proposed</u>
OPERATING FUND	15,000,000	17,300,000

The following is a summarization of the FY 2020-2021 CIP Budget Amendment No. 1:

FY 2020-2021 CIP Budget (as Adopted)	\$170,127,500
Projects – Added	25,400,000
Projects – Modified Appropriation	1,200,000
Projects – Deleted	<u>(100,000)</u>
SUB-TOTAL	\$196,627,500
Construction Cost Index Account	2,660,000
Contract Adjustment Account	<u>2,300,000</u>
FY 2020-2021 CIP Budget (as Amended)	<u>\$201,587,500</u>

Upon approval, the appropriate pages of the current CIP budget will be revised for distribution.

Respectfully submitted,

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

Attachment"

The foregoing was for information only.

DISCUSSION: Ms. Raelynn Nakabayashi, Executive Assistant I, Executive Support Office, gave the report.

MOTION TO ADOPT Ray Soon and Jade Butay motioned and seconded, respectively, the Adoption of Resolution 915, 2020 Amending the Capital Improvement Program Budget for the Fiscal Year 2020-2021 and Appropriating Fund Therefor and Revision of the Fiscal Year 2020-2021 Capital Program Budget – Amendment No. 1.

Chair Andaya asked Mr. Nordstrom if there were any testifiers on the telephone lines. Mr. Nordstrom replied, there was no one on the telephone to testify.

Chair Andaya asked Manager Lau if any emailed, written, or on-line testimony was received on Resolution 915, 2020. Manager Lau responded, there were no emailed, written, or on-line testimonies.

Chair Andaya stated to let the record reflect no emailed, written, on-line, or telephone testimony was submitted.

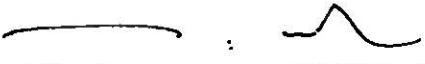
Chair Andaya inquired if there were any further comments or discussion. Since there was no further discussion or testimony, Chair Andaya requested that Ms. Cruz-Achui, conduct the roll call vote.

Ms. Cruz-Achui conducted a roll call vote: Vice Chair Kapua Sproat, aye; Board Member Ray Soon, aye; Board Member Ross Sasamura, aye; Board Member Jade Butay, aye; and Chair Bryan Andaya, aye.

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

ADOPTION OF RESOLUTION NO. 915, 2020 AMENDING THE CAPITAL IMPROVEMENT PROGRAM BUDGET FOR THE FISCAL YEAR 2020-2021 AND APPROPRIATING FUNDS THEREFOR AND REVISION OF THE FISCAL YEAR 2020-2021 CAPITAL PROGRAM BUDGET – AMENDMENT NO. 1. WAS APPROVED AT THE SEPTEMBER 28, 2020 BOARD MEETING				
	AYE	NO	ABSTAINED	COMMENT
BRYAN P. ANDAYA	X			
KAPUA SPROAT	X			
RAY C. SOON	X			
MAX J. SWORD				ABSENT
ROSS S. SASAMURA	X			
JADE T. BUTAY	X			

Adopted this 28th day of September 2020
Board of Water Supply, Honolulu, Hawaii


BRYAN P. ANDAYA
Chair of the Board

BOARD OF WATER SUPPLY
CITY AND COUNTY OF HONOLULU

RESOLUTION NO. 915, 2020

**RESOLUTION ADOPTING THE AMENDED CAPITAL IMPROVEMENT
PROGRAM BUDGET FOR FISCAL YEAR 2020-2021 AND APPROPRIATING
FUNDS THEREFOR**

BE IT RESOLVED by the Board of Water Supply, City and County of Honolulu, State of Hawaii, that in accordance with the provisions of Article VII of the Revised Charter of the City and County of Honolulu, that the sum of SIXTY-NINE MILLION ONE HUNDRED TWENTY-SEVEN THOUSAND FIVE HUNDRED DOLLARS (\$69,127,500) be and the same is hereby appropriated out of all monies placed to the credit of the Operating Fund, the sum of SEVENTY-SEVEN MILLION SIX HUNDRED THOUSAND DOLLARS (\$77,600,000) be and the same is hereby appropriated out of all monies placed to the credit of the Improvement Fund, and the sum of FIFTY-FOUR MILLION EIGHT HUNDRED SIXTY THOUSAND DOLLARS (\$54,860,000) be and the same is hereby appropriated out of all monies placed to the credit of the Special Expendable Fund for expenditures of the Board of Water Supply Capital Improvement Program Budget for the fiscal year beginning July 1, 2020 and ending June 30,2021, as follows:

CAPITAL IMPROVEMENT PROGRAM BUDGET

OPERATING FUND.....	\$69,127,500
IMPROVEMENT FUND.....	\$77,600,000
SPECIAL EXPENDABLE FUND.....	\$54,860,000
 TOTAL CAPITAL PROGRAM BUDGET.....	 \$201,587,500

BE IT FURTHER RESOLVED that the Manager and Chief Engineer, at his discretion, shall have the authority to adjust the method of funding the Capital Improvement Program Budget and that the Manager and Chief Engineer may increase or decrease the amount appropriated out of the Operating Fund, Improvement Fund, Special Expendable Fund, State Revolving Fund in the Capital Improvement Program Budget, provided that the total consolidated appropriation of the Capital Improvement Program Budget remains the same; and

BE IT FINALLY RESOLVED that revenue bonds of the Board of Water Supply, City and County of Honolulu, general obligation bonds of the City and County of Honolulu, commercial paper or other alternative forms of financing deemed appropriate by the Board of Water Supply, are authorized for issuance to yield the amount that may be necessary to finance projects listed in the Board of Water Supply Capital Improvement Program Budget and designated to be financed from the Improvement Fund and such additional amounts as may be deemed necessary to pay the expenses of issuance of such bonds or other financing; provided that the Board of Water Supply shall by resolution, and the City Council of the City and County of Honolulu for general obligation bonds shall by ordinance, determine the form, date, amount, denomination, and maturity of the bonds herein authorized.

ADOPTED:



BRIAN P. ANDAYA, Chair

Honolulu, Hawaii
September 28, 2020

RESOLUTION NO. 915, 2020 AMENDING THE CAPITAL IMPROVEMENT PROGRAM BUDGET FOR THE FISCAL YEAR 2020-2021, AND APPROPRIATING FUNDS THEREFOR AND REVISION OF THE FISCAL YEAR 2020-2021 CAPITAL PROGRAM BUDGET – AMENDMENT NO. 1

	AYE	NO	COMMENT
BRYAN P. ANDAYA	X		
KAPUA SPROAT	X		
RAY C. SOON	X		
MAX J. SWORD			ABSENT
ROSS S. SASAMURA	X		
JADE T. BUTAY	X		

"September 28, 2020

ADOPTION OF
RESOLUTION
NO. 916,2020 -
RESOLUTION
OF
APPRECIATION
FOR
BOARD MEMBER
KAY C. MATSUI

Chair and Members
Board of Water Supply
City and County of Honolulu
Honolulu, Hawaii 96843

Chair and Members:

Subject: Adoption of Resolution No. 916, 2020 -
Resolution of Appreciation for Board Member Kay C. Matsui

Board member Kay C. Matsui has notified this Board of Directors that she has resigned from her position as a director.

We recommend the adoption of Resolution No.916, 2020, to recognize and thank Ms. Matsui for her service, contributions, and dedication to the Board of Water Supply.

Respectfully Submitted,

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

Attachment"

The foregoing was for information only.

DISCUSSION:

Chair Andaya announced that Ms. Kay C. Matsui could not attend due to other commitments but expressed his appreciation and gratitude to Ms. Matsui for her service to the Board and the City and County (C&C) of Honolulu. Ms. Matsui was a valuable part of the board.

MOTION TO
ADOPT

Ross Sasamura and Kapua Sproat motioned and seconded, respectively, the Adoption of Resolution No. 916, 2020 – Resolution of Appreciation for Board Member Kay C. Matsui.

Manager Lau stated he would ensure that Ms. Matsui receives her lei and framed resolution.

Chair Andaya inquired if there were any further comments or discussion. Since there were no further discussion or testimony, Chair Andaya requested that Ms. Cruz-Achui conduct the roll call vote.

Ms. Cruz-Achui conducted a roll call vote: Vice Chair Kapua Sproat, aye; Board Member Ray Soon, aye; Board Member Ross Sasamura, aye; Board Member Jade Butay, aye; and Chair Bryan Andaya, aye.

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

ADOPTION OF RESOLUTION NO. 916, 2020 - RESOLUTION OF APPRECIATION FOR BOARD MEMBER KAY C. MATSUI ADOPTED ON SEPTEMBER 28, 2020

	AYE	NO	ABSTAINED	COMMENT
BRYAN P. ANDAYA	X			
KAPUA SPROAT	X			
RAY C. SOON	X			
MAX J. SWORD				ABSENT
ROSS S. SASAMURA	X			
JADE T. BUTAY	X			

Adopted this 28th day of September 2020
Board of Water Supply, Honolulu, Hawaii



BRYAN P. ANDAYA
Chair of the Board



BOARD OF WATER SUPPLY
CITY AND COUNTY OF HONOLULU

RESOLUTION NO. 916, 2020

**KAY C. MATSUI
IN APPRECIATION FOR SERVING AS A MEMBER
OF THE BOARD OF WATER SUPPLY**

WHEREAS, KAY C. MATSUI has ably served as a member of the Board of Water Supply (BWS), City and County of Honolulu, since August 2016; and

WHEREAS, MS. MATSUI's experience and work as chief executive officer marketing director for World Financial Group, a Transamerica Financial Company; Branch Office Manager for Transamerica Financial Advisors, Inc.; and a Certified Educator with Heartland Institute of Financial Education, coupled with the esteem of her colleagues, has resulted in additional recognition and respect for the Board; and

WHEREAS, MS. MATSUI served on Permitted Interaction Groups for the BWS's 2018-2022 Strategic Plan and for the Beretania Properties Redevelopment Project, and her professional and community affiliations and familiarity with financial matters has made her an asset to the Board and a helpful resource in its deliberations, as she provided useful insights and counsel to its members; and

WHEREAS, as a Board member, KAY C. MATSUI has supported and encouraged initiatives that have improved the BWS's fiscal management and day-to-day operations, and volunteered her time and expertise to help effect business and policy decisions for the Board that will benefit the Board of Water Supply and Oahu's water users for many years to come; and

WHEREAS, MS. MATSUI's service is a testament to her commitment to maintaining a municipal water system worthy of trust from the public it serves; now, therefore

BE IT RESOLVED by the Members of the Board of Water Supply, City and County of Honolulu, that we do hereby express to KAY C. MATSUI our deep appreciation and gratitude for her service to this Board and Department; and

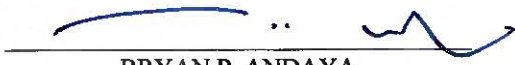
BE IT FURTHER RESOLVED that the Members of this Board extend to KAY C. MATSUI our sincere aloha and best wishes for continued success in all her future endeavors; and

BE IT FINALLY RESOLVED that this Resolution be presented to KAY C. MATSUI.



Resolution No. 916, 2020

Adopted this 28th day of September 2020
Board of Water Supply, Honolulu, Hawaii


BRYAN P. ANDAYA
Chair of the Board

ITEM FOR INFORMATION NO. 1

"September 28, 2020

UPDATE ON
FEE WAIVERS
FOR
AFFORDABLE,
HOMELESS AND
AUTOMATIC
FIRE SPRINKLER
RETROFIT
PROJECTS

Chair and Members
Board of Water Supply
City and County of Honolulu
Honolulu, Hawaii 96843

Chair and Members:

Subject: Update on Fee Waivers for Affordable, Homeless and
Automatic Fire Sprinkler Retrofit Projects

Ellen Kitamura, Deputy Manager, will present an update on the Board of Water Supply's Fee Waivers for Affordable Housing, Homeless and Automatic Fire Sprinkler Retrofit Projects.

Respectfully submitted,

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

Attachment"

The foregoing was for information only.

DISCUSSION:

Ms. Ellen Kitamura, Deputy Manager and Chief Engineer gave the report.

Board Member Soon expressed how pleased he is that the BWS participates in assisting families.

Board Member Soon inquired as to why the fire retrofits show zero applicants.

Deputy Manager Ellen Kitamura explained approval on the Automatic Fire Sprinkler Retrofit Program for high rises or multi-family residential buildings require evaluations, assessments, and permits. A Fire and Life Safety Evaluation is performed to determine what fire safety improvements are necessary in lieu of installing automatic fire sprinklers. Many of the high-rises are still going through this evaluation process. Since the City and County (C&C) of Honolulu adopted the resolution, the only inquiry the BWS received has been from the Marco Polo high-rise.

Chair Andaya noted that it's a good sign that there has been an increase of seventy percent in the total qualified units between FY 2018-2019 and FY 2019-2020.

Chair Andaya inquired has there been any applicants disqualified from the program for any reason.

Mr. Garon Hamasaki, Civil Engineer IV, Customer Care Division responded that there hasn't been any disapproved units, and the applications would only be disapproved if not certified by the C&C of Honolulu, Department of Planning and Permitting (DPP).

Deputy Manager Kitamura stated applicants must provide certification from the DPP or the Department of Land Management (DLM) with proper documentation to the BWS.

Chair Andaya asked is there a correlation between qualified units and fees waived or fixture size and water meter size.

Manager Lau stated that the fees are based on plumbing fixture units.

Mr. Hamasaki explained there are different factors in determining which applicants are qualified and whose fees are waived. Credit is given for demolished fixtures; charges usually apply to fixtures in brand new homes; some units may be able to retrofit units with an existing water meter and plumbing fixtures.

Update on Fee Waivers for Affordable, Homeless and Automatic Fire Sprinkler Retrofit Projects

UWE KA LANI OLA KA HONUA





Waiver of Fees for Affordable, Homeless and Fire Sprinkler Retrofit Projects Update* Summary

Fiscal Year	# Affordable Dwelling Units	# Homeless Dwelling Units	# Total Qualified Units	\$ Annual Fees Waived
Estimated in 2018	465	35	500	\$971,650.00
FY 2018 – 2019	76	102	178	\$159,064.03
FY 2019 – 2020	302	0	302	\$546,578.41
FY 2020 – 2021	--	--	--	--
FY 2021 – 2022	--	--	--	--
FY 2022 – 2023	--	--	--	--
TOTALS to date	378	102	480	\$705,642.44

* To date we have not received any building permit for Fire Sprinkler Retrofit Projects

WATER FOR LIFE

Safe, dependable, and affordable water now and into the future



Board of Water Supply
City and County of Honolulu

Waiver of Fees for Affordable, Homeless and Fire Sprinkler Retrofit Projects Update FY 2018-2019

Project Name	Type	Building Permit Approval Date	# Qualified Units	\$ Fees Waived
Kauhale Kamaile Modular Homes	Affordable	10/16/2018	16	\$14,455.74
1902 Young Street Multi-Family Housing	Affordable	10/16/2018	30	\$49,345.55
Kahauiki Village	Homeless	11/02/2018	24	\$63,987.36
Hale Mauiola	Homeless	12/14/2018	78	\$7,357.61
1936 Citron Street	Affordable	12/20/2018	30	\$23,917.77
TOTALS			178	\$159,064.03

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Board of Water Supply
City and County of Honolulu

Waiver of Fees for Affordable, Homeless and Fire Sprinkler Retrofit Projects Update FY 2019-2020

Project Name	Type	Building Permit Approval Date	# Qualified Units	\$ Fees Waived
Queen Emma Building	Affordable	09/11/2019	71	\$79,708.87
Azure	Affordable	10/10/2019	78	\$87,567.48
Maunakea Marketplace	Affordable	09/24/2019	38	\$46,069.90
Hale Makana O Maili	Affordable	02/25/2020	51	\$135,338.65
The Elemental (Phase 1)	Affordable	02/26/2020	42	\$141,198.08
The Elemental (Phase 2)	Affordable	02/26/2020	22	\$56,695.43
TOTALS			302	\$546,578.41



Waiver of Fees for Affordable, Homeless and Fire Sprinkler Retrofit Projects Update

Waiver of Water System Facilities Charge for Qualified Affordable and Homeless Dwelling Units

The Board of Water Supply may waive the Water Systems Facilities Charges and new meter cost for qualified on-site affordable and homeless dwelling units, up to 500 dwelling units per year. The waivers will be granted when the building permit is submitted for approval. To qualify, the dwelling units must be certified as either affordable or homeless dwelling units by the appropriate agency of the City and County of Honolulu. Waiver of the Water System Facilities Charge will apply only to fixture units associated with the certified dwelling units. The amount of the meter waiver shall be calculated as a percentage of the number of certified dwelling units to the total number of dwelling units in the project. If the annual cap of 500 dwelling units has not been reached and a project is proposed that would qualify for more than the remaining number of dwelling units in that year, the Manager and Chief Engineer has the discretion to increase that year's limit. This waiver provision shall expire on June 30, 2023.

Waiver of Meter Charges for Residential Fire Sprinkler Retrofits

The Board of Water Supply may waive the new meter charges for high rise multi-unit residential fire sprinkler retrofits. This waiver provision shall expire on June 30, 2023.

Revision to the Schedule of Rates and Charges for the Furnishing of Water Service

Amended by Resolution No. 889, 2018, effective September 15, 2018



FEE WAIVERS – ADDITIONAL INFORMATION

- ◆ To be eligible for the fee waivers, the developer must obtain a letter from the City certifying that the project is an affordable housing or homeless project.
- ◆ Eligible fees will be waived when the building permits are submitted for review and approval.
- ◆ Fee waivers will not be retroactive. Only projects submitting building permits on or after the effective date will be considered unless the project obtained prior approval from BWS for the fee waiver.
- ◆ Fee waivers will apply only to fixture units associated with the affordable housing and homeless dwelling units.
- ◆ Only costs associated with the one-time charge for the fire sprinkler meter will be waived for the residential fire sprinkler retrofit projects.
- ◆ The BWS will report annually on the amount of dwelling units and all fee waivers approved by BWS.
- ◆ The effective date of the fee waiver program is September 15, 2018 Revision to the Schedule of Rates and Charges for the Furnishing of Water Service, amended by Resolution No. 889, 2018
- ◆ Unless extended by the Board the fee waiver program will expire on June 30, 2023.

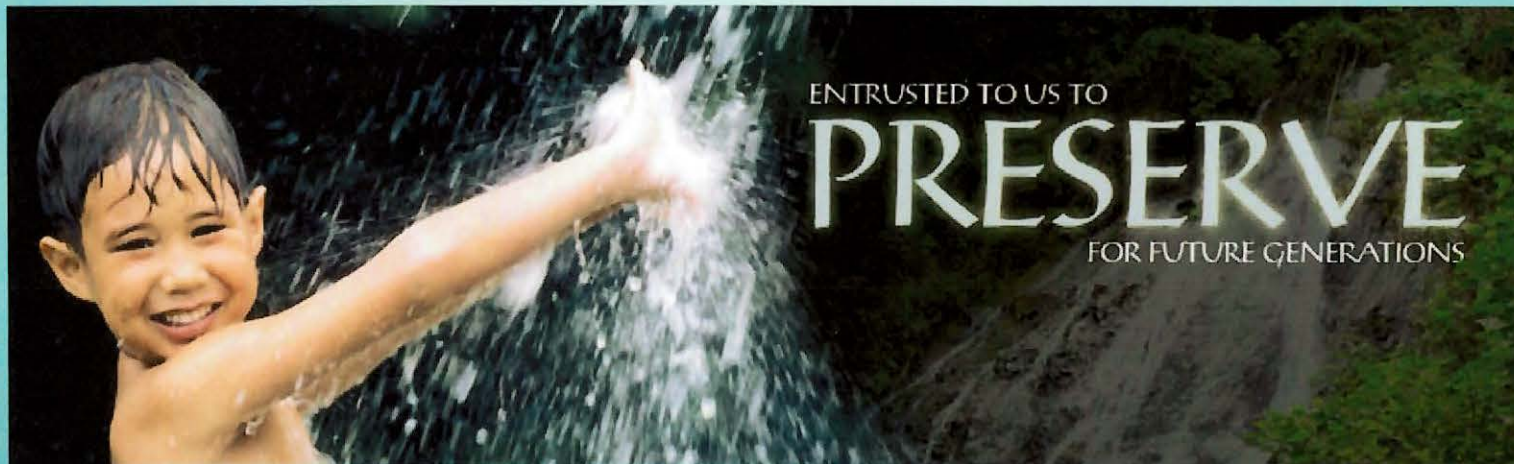
WATER FOR LIFE

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Board of Water Supply
City and County of Honolulu

Questions?



ITEM FOR INFORMATION NO. 2

"September 28, 2020

2020 WATER
CONSERVATION
PROGRAM
UPDATE

Chair and Members
Board of Water Supply
City and County of Honolulu
Honolulu, Hawaii 96843

Chair and Members:

Subject: 2020 Water Conservation Program Update

Lorna Heller, Civil Engineer VI, Water Resources and Kathleen Pahinui, Information Officer, Communications Office will provide an informational update on our Water Conservation Programs and the impact of COVID-19 on those programs for CY 2020.

Respectfully submitted,

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

Attachment"

The foregoing was for information only.

DISCUSSION:

Ms. Lorna Heller, Civil Engineer VI, Water Resources Division, and Ms. Kathleen Pahinui, Information Officer, Communications Office, gave the report.

Board Member Soon asked what messaging is the BWS trying to achieve through the commercials that are aired on television.

Ms. Kathleen Elliott-Pahinui stated a survey was conducted in 2004 within communities and focus groups asking what types of water conservation messages would entice people to listen. The public wanted relatable information; therefore, the BWS created the Water Conservation Tips list, a list of seven tips that the BWS focused on and produced commercials. Commercials driven by the seven water conservation tips list started to make an impact as the BWS saw a decrease in water consumption year over year. The seven tips are as follows:

1. Water lawns just 1-2 times a week.
2. Don't water lawns between 9 AM and 5 PM
3. Check for plumbing leaks
4. Install water-efficient fixtures
5. Take shorter showers
6. Put a nozzle on your garden hose
7. Don't let the faucet run and run

Board Member Soon inquired if there has been any negative feedback from the commercial with the woman taking a shower and the gentleman washing the rice pot over her head?

Ms. Elliott-Pahinui replied that there hasn't been any negative feedback about that particular commercial. It's one of the BWS's more popular commercial.

WATER FOR LIFE

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Board of Water Supply
City and County of Honolulu

KA WAI OLA
WATER FOR LIFE

Lorna Heller, Water Resources

Kathleen M. Pahinui, Communications Office

CONSERVATION PROGRAMS





Overview

- Water Sensible Program
- Conservation Advertising
- WaterSmart
- Rain Barrel Workshops
- Calendar Contest
- Xeriscape Garden



E Malama I Ka Wai

E malama i ka wai
Is something we all must try
To preserve the future of our water
For every son and every daughter
Take these ideas into consideration
To improve our current water situation
The ideal time to water your lawn
Is with the rising sun at dawn
Check pipes, faucets, and toilets for leaks
Your water bill will be smaller we need!
Turn off the faucet when you shower and shave.
This is just the beginning of our water-saving crusade!
When brushing your teeth or washing your produce,
Turn off that faucet in order to reduce.
Don't run the dishwasher unless there's a full load,
It's all part of being in water-saving mode.
We must act now to prevent disaster
An uncertain future is approaching faster
Creating a sustainable water future is why
E malama i ka wai

1st Adopt One - Rain Place
Program - Through Rainwater, Save
Water for Your Use

1st Reserve Water Week - 10/15/15
to 10/21/15 - Rainwater Week
to Save Water

Board of Water Supply

sodexo
QUALITY OF LIFE SERVICES
www.sodexo.com

PLATINUM SPONSOR

Current Programs

Water Sensible

Residential Prescriptive Rebates

Clothes
Washer

Rain Barrel

WBIC



Commercial Offerings

WaterSmart

Direct
Installation

Food
Service

WBIC



Water Sensible Program Timeline

JUNE 2017:

Honeywell
contracted to
operate water
conservation
program with
BWS

MAY 2018:

Residential
Clothes
Washer and
Rain Barrel
Rebates

MARCH 2019:

WBIC Rebate
Inception

JULY 2017:

WaterSmart
management
ongoing

JAN 2019:

Food Service
Program

MAY 2019:

Direct
Installation
Program



WATER FOR LIFE

Ka Wai Ola



Board of Water Supply
City and County of Honolulu

Current Measures

- EnergyStar Clothes Washer Rebate
- Residential Rain Barrel Rebate
- Weather-Based Irrigation Controller Rebate
- Free Food-Service Incentives
- Direct Install

THIS PRODUCT QUALIFIES FOR A
\$75 Rebate!

Get A New Water-Saving, Energy-Efficient Washer

Water Sensible

SPRING from SAVINGS! When you purchase this water-efficient clothes washer that qualifies for a \$75 rebate.

- Save water – High efficiency clothes washers use 30-50% less water.
- Save on detergent – Less water in use, so less soap and softener are needed.
- Save on energy – More water extraction means clothes need less drying time.

As part of ENERGY STAR's rebate program, the City and County of Honolulu Board of Water Supply provides rebates to encourage water conservation. Rebates are available for the purchase of new, high-efficiency clothes washers. For more information, visit www.bwsupply.com/rebate.

  Board of Water Supply

THIS PRODUCT QUALIFIES FOR A
\$40 Rebate!

Save water: Get a rain catchment barrel!

Water Sensible

SAVE WATER!

- Provides alternative landscape irrigation
- Minimizes environmental impact
- Reduces your water bill
- **KEEP NEIGHBORHOODS HEALTHY!**
- Prevents pollutants washing into streams and oceans
- Saves native ecosystems
- Reduces area on and flooding

Label a Rain Barrel: Rain barrels collect rainwater, which is a highly beneficial resource. Call 311 for more information and rebates. Only those Rain Barrel Kits that meet the rebate criteria.

  Board of Water Supply

THIS PRODUCT QUALIFIES FOR UP TO A
\$100 Rebate!

Apply for a 50% discount (not to exceed \$100) on an EPA WaterSense® labeled Weather-Based Irrigation Controller

Water Sensible

- Avoid overwatering
- Take the guesswork out of adjusting your irrigation timer
- Watering schedules based on local weather conditions
- Save up to 7,000 gallons of water per year
- Limit one per household

For rebate instructions and forms, visit www.boardofwatersupply.com/rebate

EPA WaterSense Labeled Product. WaterSense is a voluntary program to promote water efficiency. WaterSense is a registered trademark of the U.S. Environmental Protection Agency. For more information, visit www.epa.gov/watersense.

  Board of Water Supply

Water Sensible Monthly Dashboard

August 2020

Rebate Table

Metric	Cumulative Clothes Washers*	Cumulative Rain Barrels*	Cumulative WBIC**	Monthly Clothes Washers	Monthly Residential Rain Barrels	Monthly WBIC
Applications Received	4,590	155	153	185	6	25
Applications Processed	4,116	152	119	152	8	11
Incentives	\$308,700	\$6,080	\$8,031	\$11,400	\$320	\$300
Gallons Saved/Day	70,367	916	4,401	2,599	48	407
Gallons Saved/Year	25,683,840	334,400	1,604,500	948,480	17,600	148,500
Lifetime Gallons Saved	359,573,760	6,688,000	8,032,500	13,278,720	352,000	742,500

*Program Inception-May 2018 **WBIC Inception-March 2019

Food Service Incentives

Metric	Measures			
	Cumulative Aerators*	Cumulative Pre-Rinse Nozzles*	Monthly Aerators	Monthly Pre-Rinse Nozzles
Quantity	67	48	0	0
Locations Served	25	16	0	0
Gallons Saved/Day	1,126	1,290	0	0
Gallons Saved/Year	410,844	470,928	0	0
Lifetime Gallons Saved	2,054,220	2,354,640	0	0

* Incentive Inception - Jan 2019

Direct Installation Incentives

Metric	Measures			
	Fixed Showerheads	Handheld Showerheads	Bathroom Aerators	Kitchen Aerators
Quantity Monthly	0	0	0	0
Cumulative	153	545	293	747
Gallons Saved/Day	1,224	4,360	586	1,494
Gallons Saved/Year	446,760	1,591,400	213,890	545,310
Lifetime Gallons Saved	2,233,800	7,957,000	1,069,450	2,726,550

Program Notes:

- Water Sensible staff met with supply chain managers from multiple retailers to address concerns over decreased availability of appliances island wide. The meetings provided an opportunity to request inventory increases for other water conservation measures.
- WBIC rebate participation has increased each of the past 5 months. Smart devices connect users to the internet and automate device controls, increasing efficiency. BWS WBIC marketing has increased customer participation through social media and local news media.
- All food service and direct installation programs remain suspended with the intention to resume once COVID-19 related government restrictions are lifted.



WATER CONSERVATION PROGRAM

Client Confidential

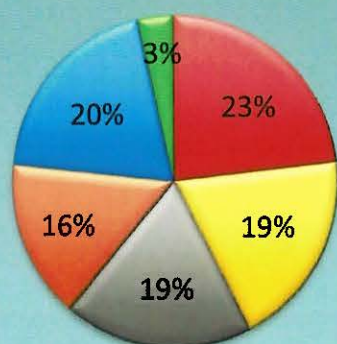


Mail-in Rebates

Measure	Quantity	Rebate (\$)	Total Annual Savings (gal/year)
Clothes Washers	4,116	\$308,700.00	25,683,840
Rain Barrels	152	\$6,080.00	334,400
WBIC's	119	\$8,031.00	1,606,500
Totals	4,387	\$322,811.00	27,624,740

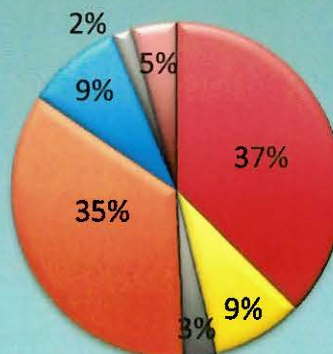
Participating Retailers

Clothes Washers



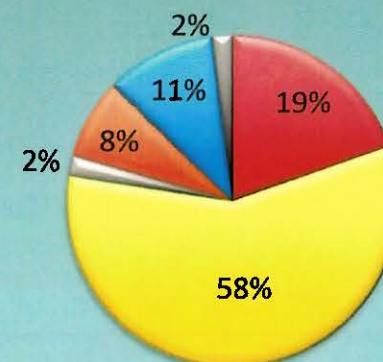
■ Sears
■ NEX
■ Lowes
■ Best Buy
■ Home Depot
■ Other

Rain Barrels



■ Hardware Hawai'i
■ Lowes
■ Sam's Club
■ Other
■ Home Depot
■ NEX
■ City Mill

WBICs

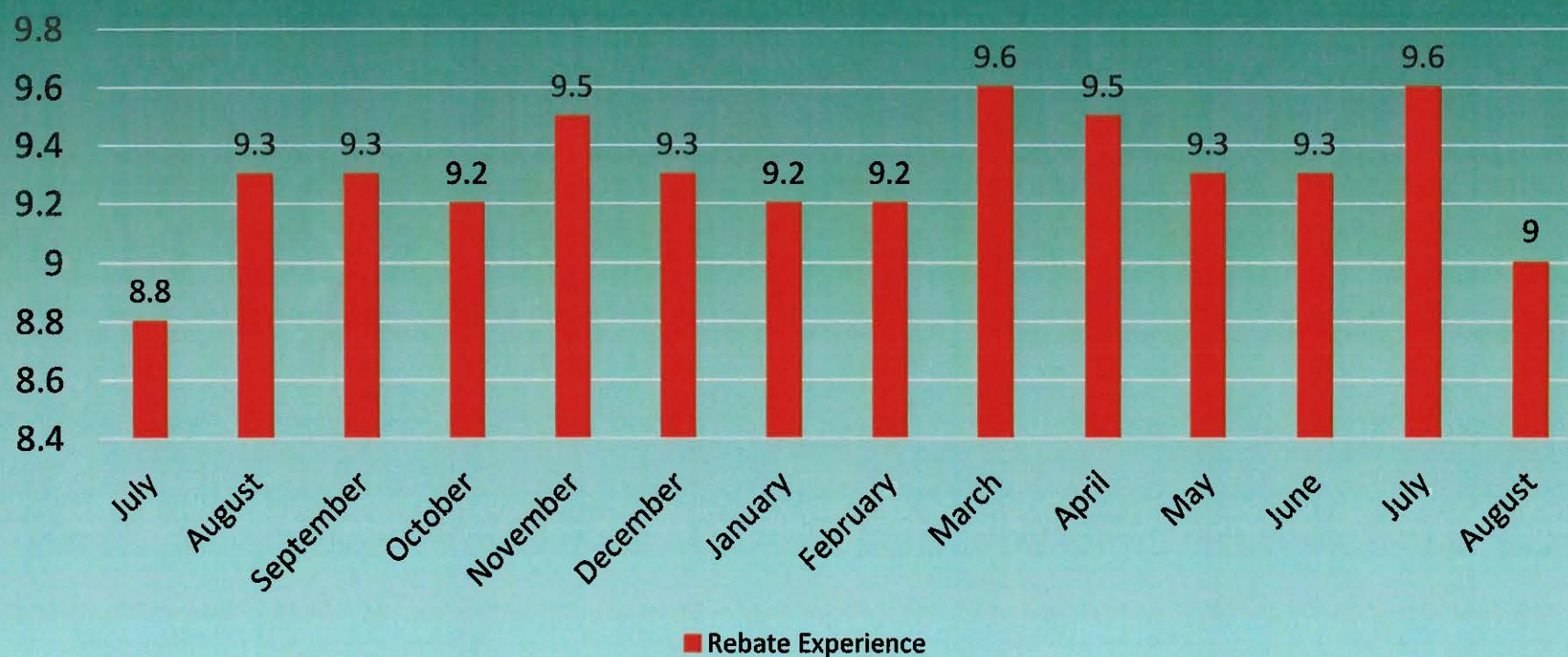


■ Home Depot
■ City Mill
■ Online
■ Site One



Customer Service

Medallia survey on rebate experience (Scale of 1-10)



Application states 6-8 week processing time. Current average time is 4.85 weeks
(date of receipt until date of check issuance)



Water Conservation Scorecard



Indicator	Metric	Goal	Baseline FY 2016	FY 2017	FY2018	FY2019	FY2020	FY2021
Conservation	\$ budgeted for conservation	4% of CIP \$3.35M	\$0.89M ●	\$1.08M ●	\$1.50M ●	\$1.47M ●	\$2.08M ●	\$2.04M ●
	Per capita consumption	< 145 gpcd (by 2040, starting at 155 gpcd in 2016)	155 gpcd ●					

● (miss by > 10% of goal)



Advertising

- June: Water Conservation / Disaster Preparedness
- July: Water Conservation / Smart Irrigation (Rebates)
- August: Water Conservation / Disaster Preparedness
- September: Water Conservation / Disaster Preparedness
- October: Water Conservation / Imagine A Day Without Water
- November: Water Conservation / Water Efficient Fixtures (Rebates)
- December: Water Conservation / Holiday Theme

WATER FOR LIFE

Ka Wai Ola



Board of Water Supply
City and County of Honolulu

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Board of Water Supply

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WATER FOR L



Board of Water Supply
City and County of Honolulu



Rain Barrel Workshops

Number of Rain barrels sold since 2008 = 920





Annual Calendar Contest

- Posters and Poems
- 2021 Theme: Creating a Sustainable Water Future
- Number submitted:
 - Posters: 1,020
 - Poems: 608
- Number of schools participating: 56



Events / Tours

- Covid-19 forced the cancellation of all events and tours
- Turned to more promoting programs on social media; increasing use of video:
 - Main breaks
 - Workshops
 - Disaster Prep
 - Water Smart
 - Virtual Tours
 - Project WET videos



Xeriscape Garden

- Annual Plant Sale cancelled
- Doing workshop videos
- Promoting xeriscape online
- Garden revamp to start in FY 2021 with design



WATER FOR LIFE

Safe, dependable, and affordable water now and into the future



Board of Water Supply
City and County of Honolulu

Mahalo!

ENTRUSTED TO US TO

PRESERVE

FOR FUTURE GENERATIONS



ITEM FOR INFORMATION NO. 3

"September 28, 2020

RECRUITMENT
STATUS

Chair and Members
Board of Water Supply
City and County of Honolulu
Honolulu, Hawaii 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 May 2020 to July 2020.

Respectfully Submitted,

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

Attachment"

The foregoing was for information only.

DISCUSSION:

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

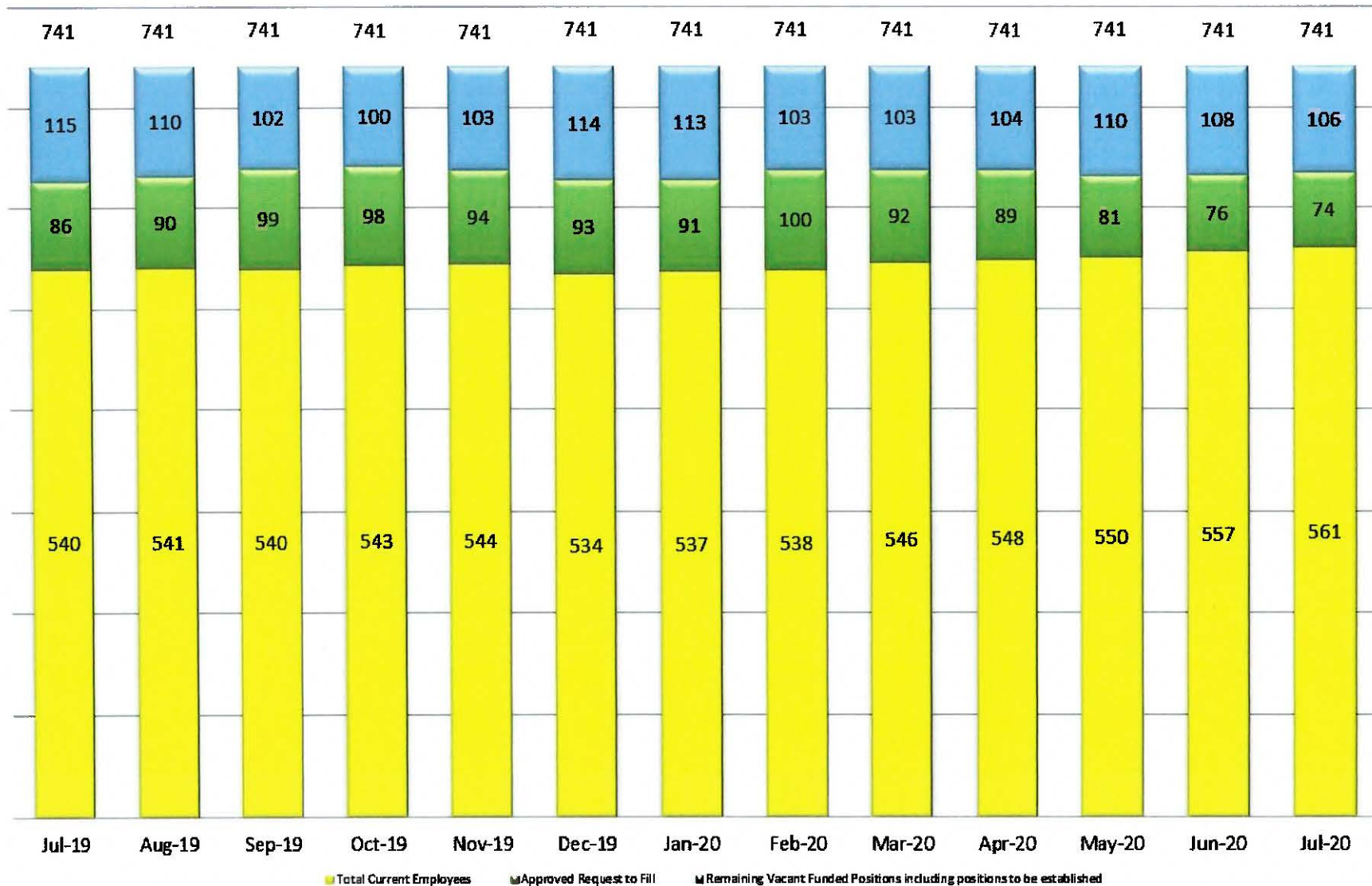
Chair Andaya asked Manager Lau, considering the economic changes due to the pandemic, how will it affect the recruiting and staffing in the next twelve to twenty-four months.

Manager Lau stated the BWS plans are to continue recruiting but are monitoring the pandemic's impacts. The BWS is financially self-sufficient; consumers pay the BWS and do not rely on other agencies' funding. If revenues begin to drop, the BWS will prioritize and be selective about what positions are needed.

Chair Andaya commented hearing through the news media of other agencies having to cutback and manage their budget.

Manager Lau responded the BWS provides vital service for the public; therefore, the BWS must stay within budget to ensure the water system can continue to operate.

Positions Filled July 1, 2019 through July 31, 2020



For the Period May20-Jul20 Actions: 23 New hires, 4 Promotions, 1 Transfer, 10 Separations, 21 New approvals to fill, 8 Cancelled requests

BOARD OF WATER SUPPLY

City and County of Honolulu

RECRUITMENT AND SEPARATION STATUS

For Period May 31, 2020 to July 31, 2020

Status of Positions Under Recruitment

	as of		
	5/31/2020	6/30/2020	7/31/2020
Pending DHR Open List	13	26	17
Pending IDCE	3	0	4
Pending Interview Questions	11	13	12
Pending Interviews	42	19	25
Anticipated Starts	12	18	16
Total Positions Under Recruitment	81	76	74

Filled Positions

Month	May-20	Jun-20	Jul-20
Open list	5	12	7
IDCE list	3	1	1

Separations

Month	May-20	Jun-20	Jul-20
Retire	2	2	1
Resign	1	3	1

Legend:

DHR = Department of Human Resources City and County of Honolulu

IDCE = Intra-Departmental Competitive Examination

ITEM FOR INFORMATION NO. 4

"September 28, 2020

STATUS
UPDATE OF
GROUNDWATER
AT ALL INDEX
STATIONS

Chair and Members
Board of Water Supply
City and County of Honolulu
Honolulu, Hawaii 96843

Chair and Members:

Subject: Status Update of Groundwater Levels at All Index Stations

There were three aquifer index stations within low groundwater status for the production month of August 2020. Punaluu and Waihee Tunnel are in Caution status. Kaimuki is in Alert status. The monthly production average for August 2020 was 148.48 million gallons per day (MGD).

The Board of Water Supply rainfall index for the month of August 2020 was 41 percent of normal, with a 5-month moving average of 57 percent. As of September 8, 2020, the Hawaii Drought Monitor shows abnormally dry conditions for Oahu, with moderate drought conditions on the Leeward side of Oahu stretching from Pearl Harbor to Haleiwa to the Leeward coast. The National Weather Service is predicting below average rainfall for September and October 2020.

Most monitoring wells are exhibiting decreasing trends, likely due to increased pumping during the summer dry season. Production for August 2020 was slightly lower compared to the previous year.

Respectfully submitted,

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

Attachment"

The foregoing was for information only.

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

Board Member Soon inquired if there are any areas that have been required or asked to reduce water usage.

Mr. Usagawa responded that Hawaii Kai had an increase in water usage due to the hot temperatures and lack of rainfall; therefore, was asked to conserve water.

Ms. Elliott-Pahinui stated that a few weeks ago, Mr. Kevin Ihu, Program Administrator, Water Systems Operations Division, reported an increase in water usage in the Keahole to Hawaii Kai Golf Course area, which caused concern. The BWS made calls to commercial properties and put out a community message to conserve water. Water usage has since subsided.

Board Member Soon questioned despite the drought conditions; there is no reason to raise a concern and restrict water usage.

Manager Lau stated at this time; water conservation is at the discretion of the public; conditions are not at an alarming state to prompt restrictions. If drier conditions continue through the winter, the BWS will initiate conservation messaging.

Mr. Barry Usagawa gave an example for comparison of 2003 when the BWS had seven index wells, and now, in 2020, the BWS has three index wells.

Mr. Usagawa mentioned that Mayor Kirk Caldwell sent a letter asking all of the C&C of Honolulu facilities to conserve water.

Ms. Elliott-Pahinui also mentioned that the C&C of Honolulu, State of Hawaii, and military agencies work together towards water conservation.

Board Member Soon voiced his concern about climate change and asked when would the BWS be worried.

Mr. Usagawa replied the BWS is following climate change research and adaptation efforts and monitors the index well system and National Weather Service (NWS) updates on seasonal rainfall forecasts.

Manager Lau reassured Board Member Soon that the BWS would increase the messaging to the neighborhood boards.

**PRODUCTION, HEAD AND RAINFALL REPORT
MONTH OF AUGUST 2020**

POTABLE

STATION	MGD
HONOLULU (1)	
KULIOUOU	0.10
WAILUPE	0.12
AINA KOA	0.14
AINA KOA II	0.69
MANOA II	0.95
PALOLO	1.15
KAIMUKI HIGH	2.53
KAIMUKI LOW	4.76
WILDER	6.93
BERETANIA HIGH	3.01
BERETANIA LOW	1.29
KALIHI HIGH	2.99
KALIHI LOW	2.04
KAPALAMA	0.81
KALIHI SHAFT	7.97
MOANALUA	1.22
HALAWA SHAFT	6.23
KAAMILO	0.87
KALAUAO	6.50
PUNANANI	8.60
KAHUMANU	0.27
HECO WAIU	2.69
MANANA	0.38
WELLS SUBTOTAL:	62.23
MANOA TUNNEL	0.11
PALOLO TUNNEL	0.23
GRAVITY SUBTOTAL:	0.34
HONO. SUBTOTAL:	62.57

STATION	MGD
WINDWARD (2)	
WAIMANALO II	0.53
WAIMANALO III	0.00
KUOU I	1.00
KUOU II	0.06
KUOU III	0.77
LULUKU	0.91
HAIKU	0.00
IOLEKAA	0.00
KAHALUU	0.72
KAHANA	1.00
PUNALUU I	0.00
PUNALUU II	3.71
PUNALUU III	1.06
KALUANUI	1.33
MAAKUA	0.29
HAUULA	0.26
WELLS SUBTOTAL:	11.64
WAIM. TUNNELS I & II	0.00
WAIM. TUNNELS III&IV	0.19
WAIHEE INCL. WELLS	0.13
WAIHEE TUNNEL	6.26
LULUKU TUNNEL	0.12
HAIKU TUNNEL	0.97
KAHALUU TUNNEL	1.44
GRAVITY SUBTOTAL:	9.11
WIND. SUBTOTAL:	20.76

STATION	MGD
NORTH SHORE (3)	
KAHUKU	0.46
OPANA	0.14
WAIALEE I	0.45
WAIALEE II	0.64
HALEIWA	0.00
WAIALUA	2.31
N.SHORE SUBTOTAL:	4.00

STATION	MGD
MILILANI (4)	
MILILANI I	2.52
MILILANI II	0.00
MILILANI III	0.83
MILILANI IV	2.16
MILILANI SUBTOTAL:	5.51

STATION	MGD
WAIHAWA (5)	
WAIHAWA	1.02
WAIHAWA II	2.25
WAIHAWA SUBTOTAL:	3.27

STATION	MGD
PEARL CITY-HALAWA (6)	
HALAWA 277	0.77
HALAWA 550	0.00
AIEA	1.25
AIEA GULCH 497	0.33
AIEA GULCH 550	0.25
KAONOHI I	1.17
WAIMALU I	0.00
NEWTOWN	1.12
WAIU	1.06
PEARL CITY I	0.83
PEARL CITY II	1.23
PEARL CITY III	0.26
PEARL CITY SHAFT	0.85
PEARL CITY-HALAWA SUBTOTAL:	9.12

STATION	MGD
WAIPAHU-EWA (7)	
WAIPIO HTS.	1.83
WAIPIO HTS. I	0.98
WAIPIO HTS. II	0.44
WAIPIO HTS. III	1.31
WAIPAHU	5.39
WAIPAHU II	2.25
WAIPAHU III	4.08
WAIPAHU IV	3.03
KUNIA I	4.84
KUNIA II	2.21
KUNIA III	1.47
HOAEAE	5.78
HONOULIULI I	0.00
HONOULIULI II	4.97
MAKAKILO	0.30
WAIPAHU-EWA SUBTOTAL:	38.87

STATION	MGD
WAIANAE (8)	
MAKAHA I	0.00
MAKAHA II	0.46
MAKAHA III	0.19
MAKAHA V	0.62
MAKAHA VI	0.00
MAKAHA SHAFT	0.00
KAMAILE	0.06
WAIANAE I	0.03
WAIANAE II	0.86
WAIANAE III	0.61
WELLS SUBTOTAL:	2.84
WAI. C&C TUNNEL	1.40
WAI. PLANT. TUNNELS	0.16
GRAVITY SUBTOTAL:	1.56
WAIANAE SUBTOTAL:	4.40

NONPOTABLE

NONPOTABLE	MGD
KALAUAO SPRINGS	0.32
BARBERS POINT WELL	1.34
GLOVER TUNNEL NP	0.32
NONPOTABLE TOTAL:	1.98

RECYCLED WATER (JULY 2020)

RECYCLED WATER	MGD
HONOULIULI WRF R-1	7.71
HONOULIULI WRF RO	1.43
RECYCLED WATER TOTAL:	9.14

**PRODUCTION, HEAD AND RAINFALL REPORT
MONTH OF AUGUST 2020**

PRODUCTION SUMMARIES

TOTAL WATER	MGD
PUMPAGE	137.47
GRAVITY	11.01
POTABLE TOTAL:	148.48
NONPOTABLE	1.98
RECYCLED WATER	9.14
TOTAL WATER:	159.60

CWRM PERMITTED USE AND BWS ASSESSED YIELDS FOR BWS POTABLE SOURCES				
WATER USE DISTRICTS		A PERMITTED USE/ BWS YLDS	B AUG 2020	C DIFF. A-B
1	HONOLULU	82.93	62.23	20.70
2	WINDWARD	25.02	14.36	10.66
3	NORTH SHORE	4.70	4.00	0.70
4	MILILANI	7.53	5.51	2.02
5	WAHIAWA	4.27	3.27	1.00
6	PEARL CITY-HALAWA	12.25	9.12	3.13
7	WAIPAHU-EWA	50.63	38.87	11.76
8	WAIANAE	4.34	2.84	1.50
TOTAL:		191.67	140.19	51.47

CWRM PERMITTED USE FOR BWS NONPOTABLE SOURCES				
WATER USE DISTRICTS		A PERMITTED USE	B AUG 2020	C DIFF. A-B
7	WAIPAHU-EWA (BARBERS POINT WELL)	1.00	1.34	-0.34
TOTAL:		1.00	1.34	-0.34

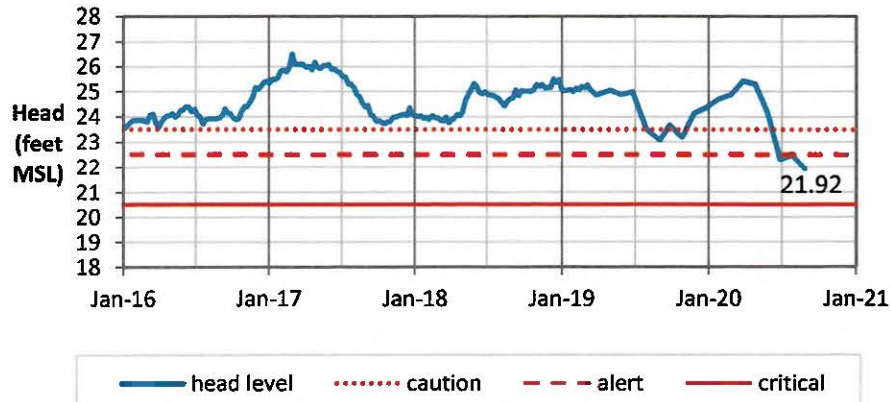
EFFECTIVE WATER DEMAND PER DISTRICT

IMPORT/EXPORT BETWEEN WATER USE DISTRICTS			
FROM	TO		MGD
2	1	WINDWARD EXPORT	1.55
7	8	BARBERS PT LB	6.61

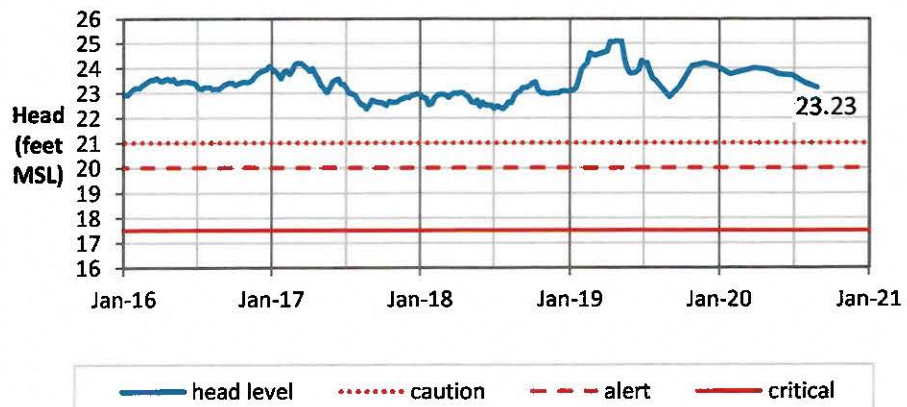
WATER USE DISTRICTS		SUBTOTAL	IMPORT	EXPORT	EFFECTIVE WATER DEMAND
1	HONOLULU	62.23	1.55	-	63.78
2	WINDWARD	14.36	-	1.55	12.81
3	NORTH SHORE	4.00	-	-	4.00
4	MILILANI	5.51	-	-	5.51
5	WAHIAWA	3.27	-	-	3.27
6	PEARL CITY-HALAWA	9.12	-	-	9.12
7	WAIPAHU-EWA	38.87	-	6.61	32.26
8	WAIANAE	2.84	6.61	-	9.44
TOTAL:		140.19	8.16	8.16	140.19

Head Report

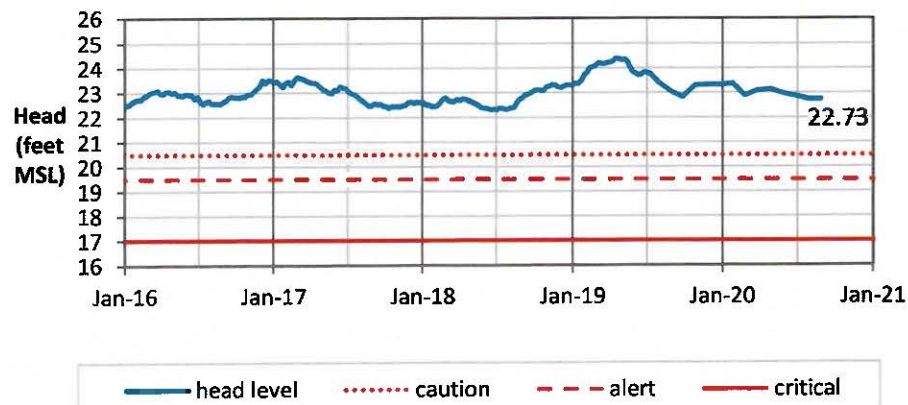
Kaimuki 09/08/20



Beretania 09/08/20

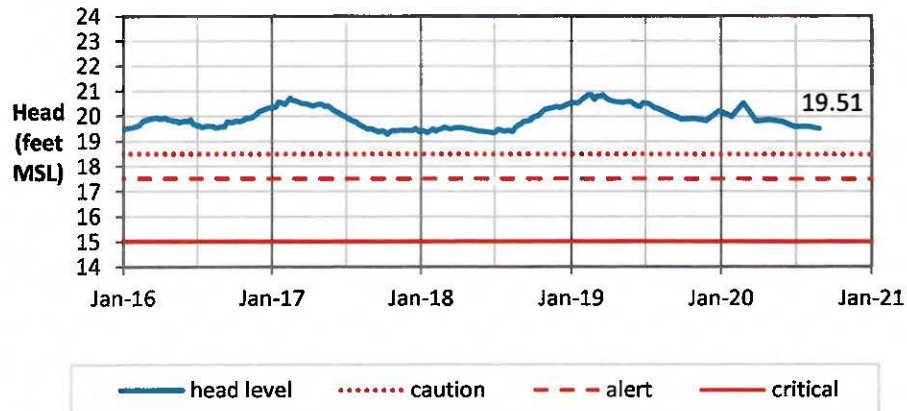


Kalihi 09/03/20

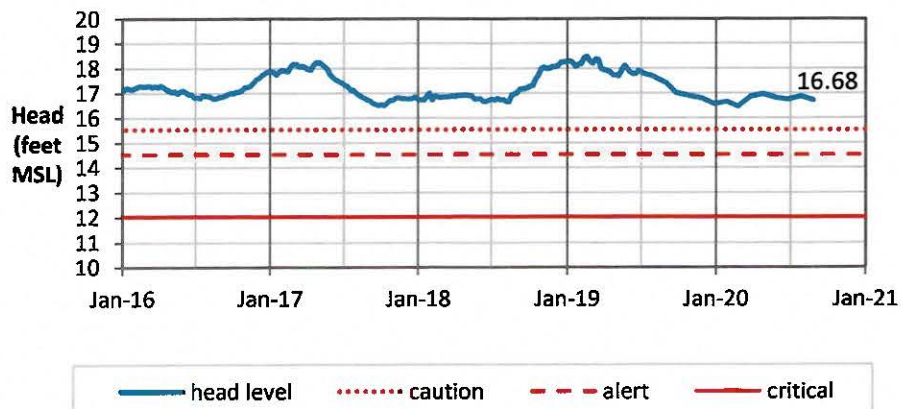


Head Report

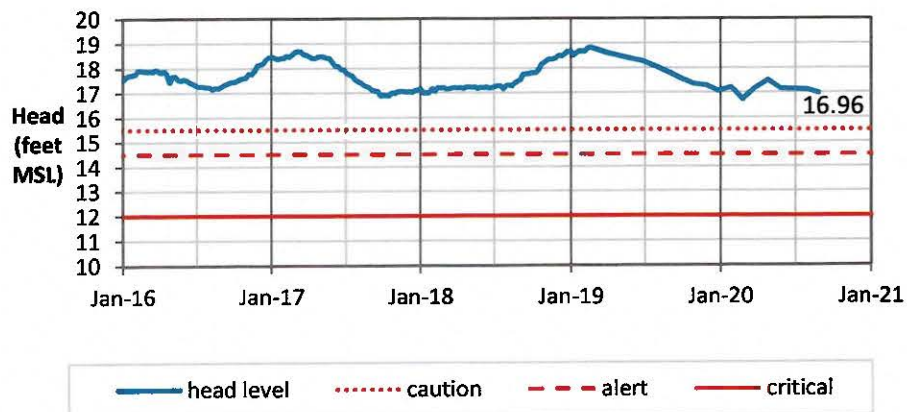
Moanalua 09/03/20



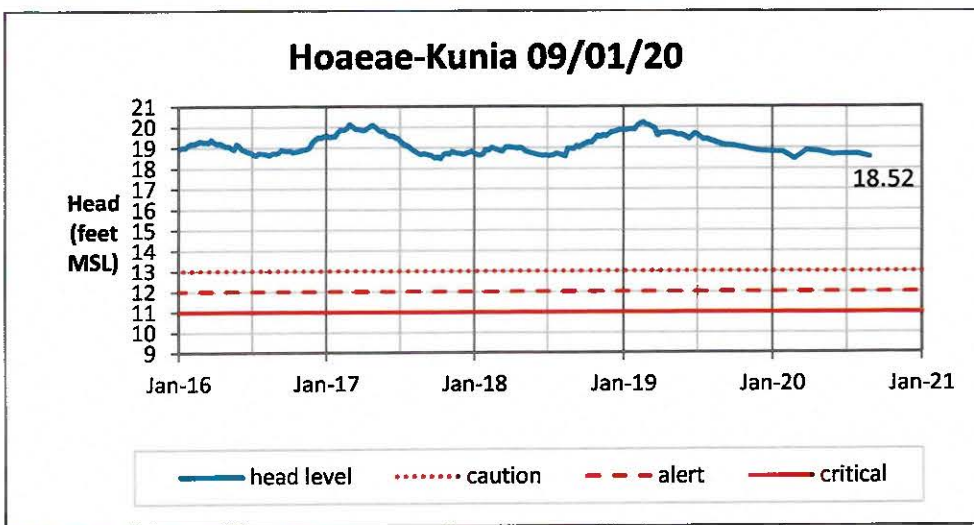
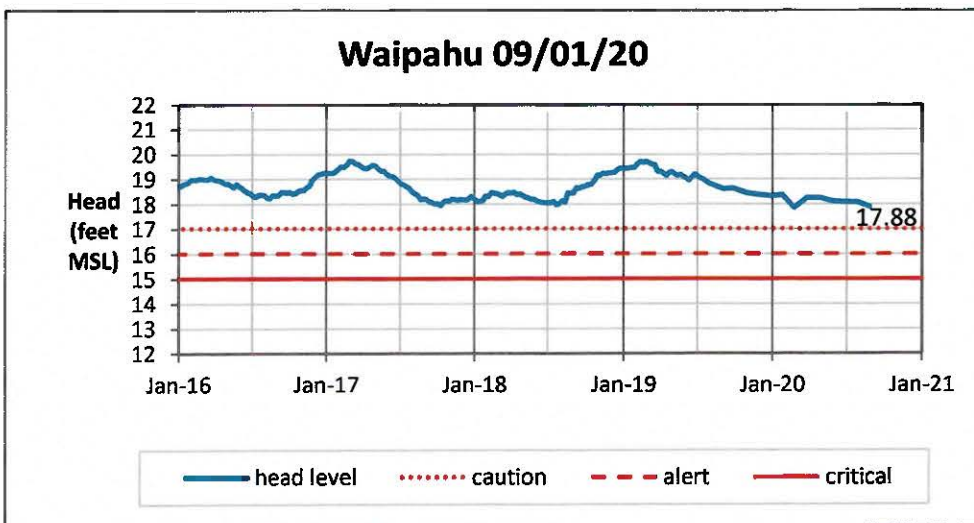
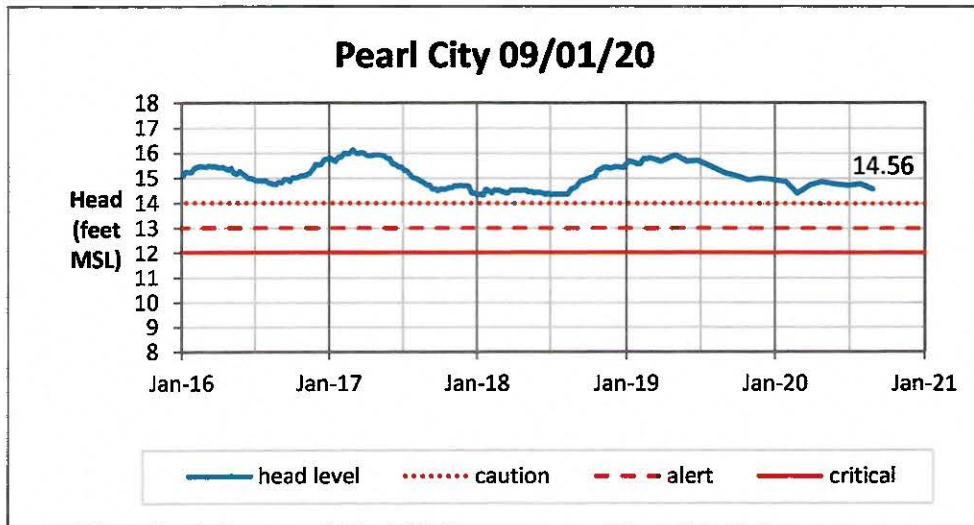
Halawa 09/03/20



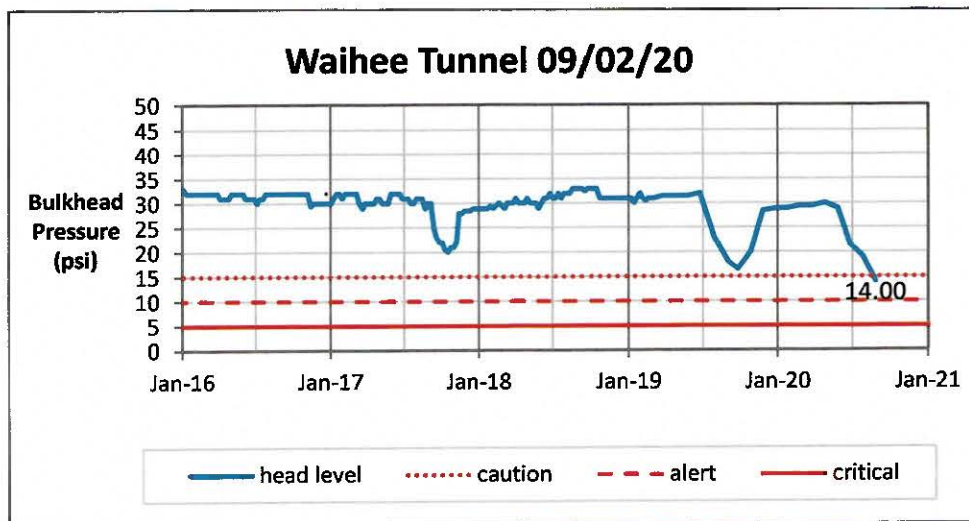
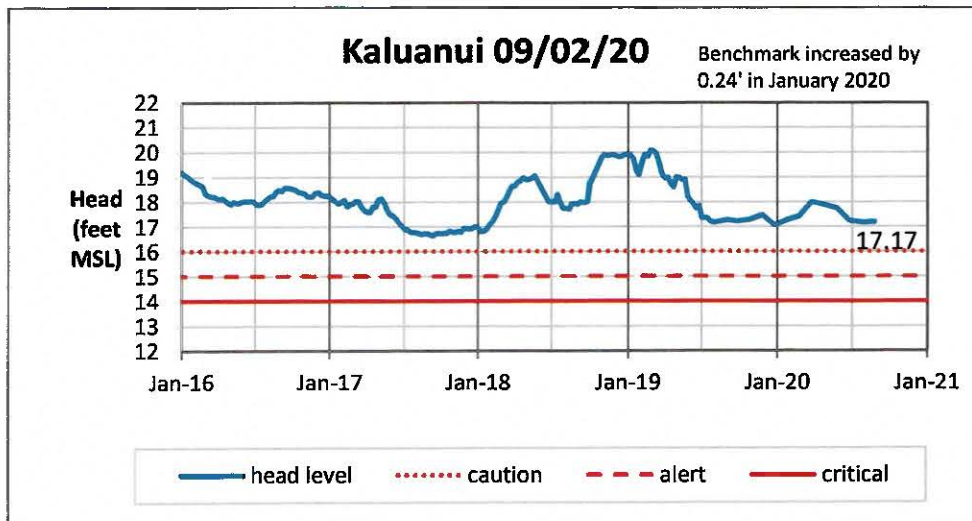
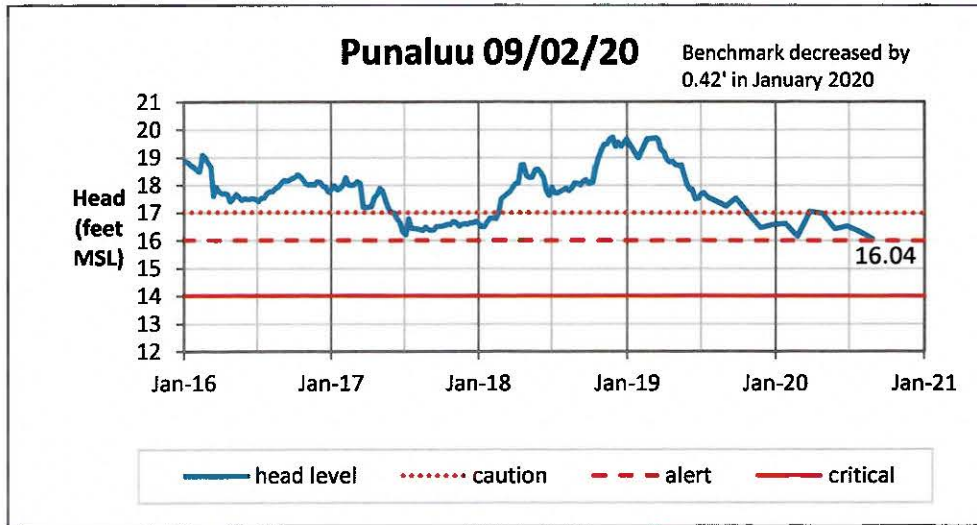
Kalauao 09/01/20



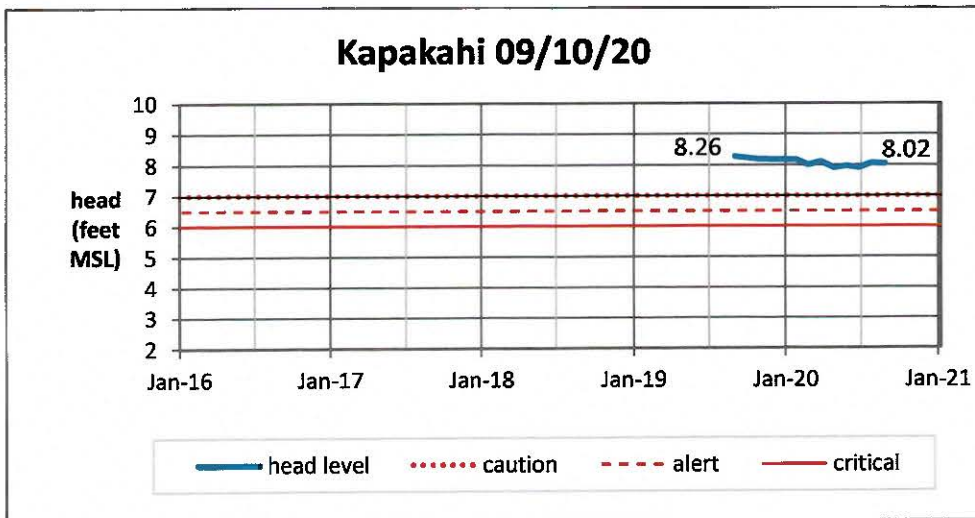
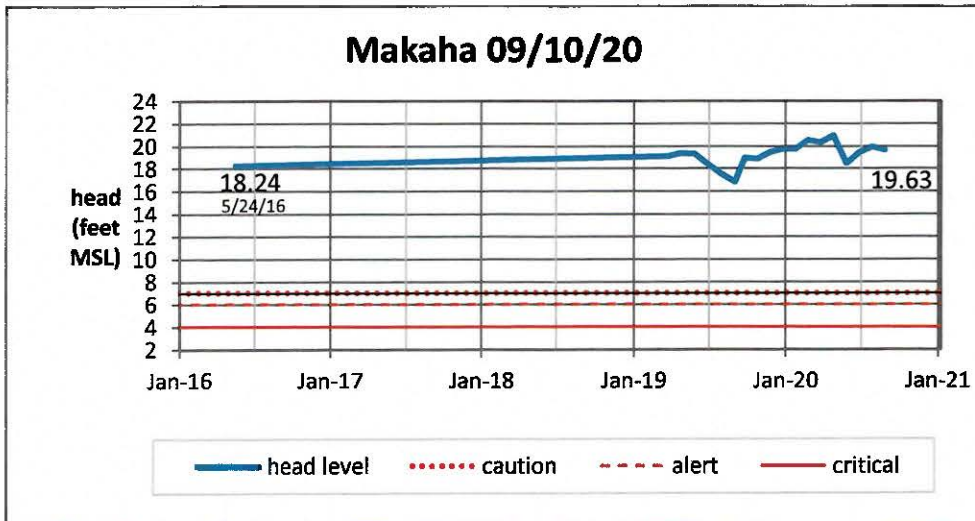
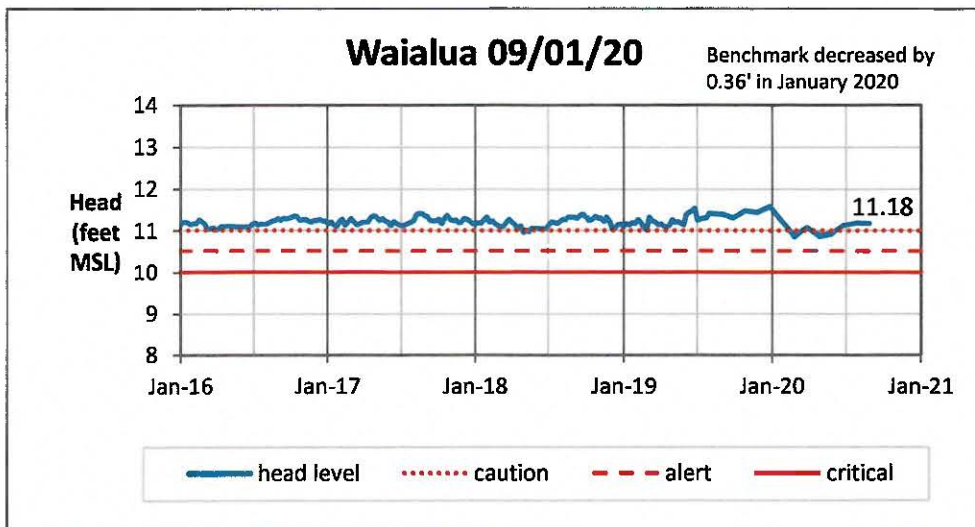
Head Report

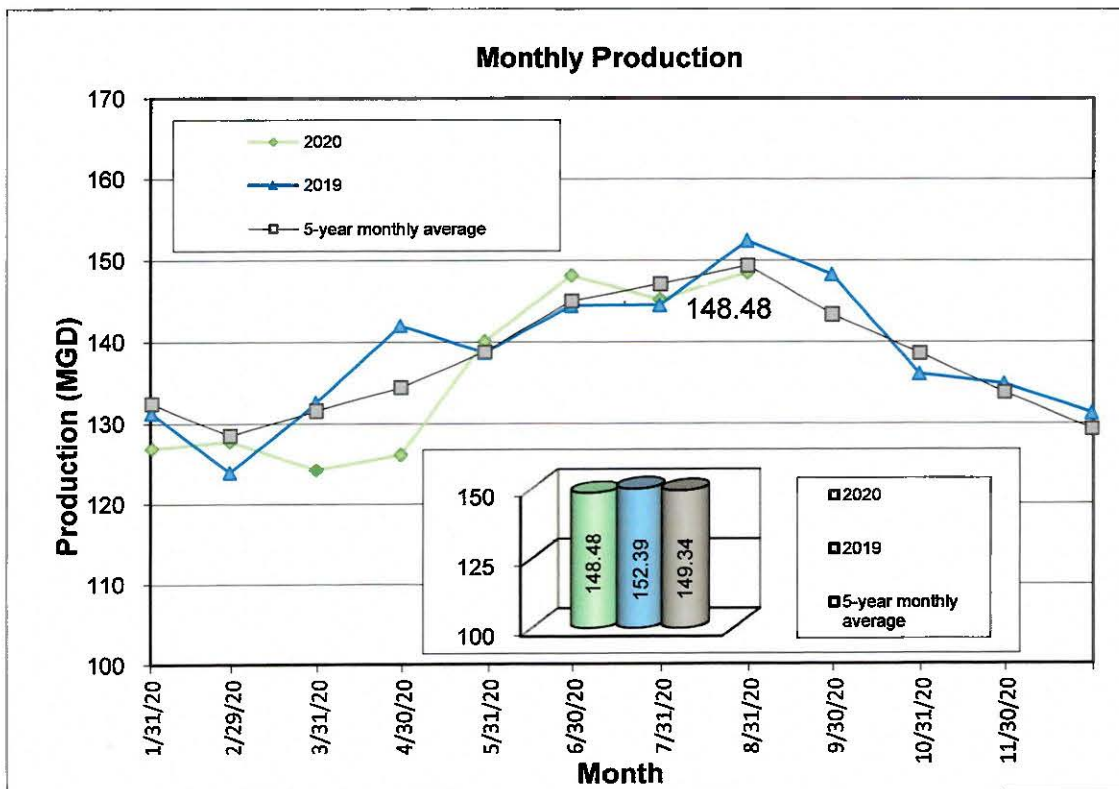
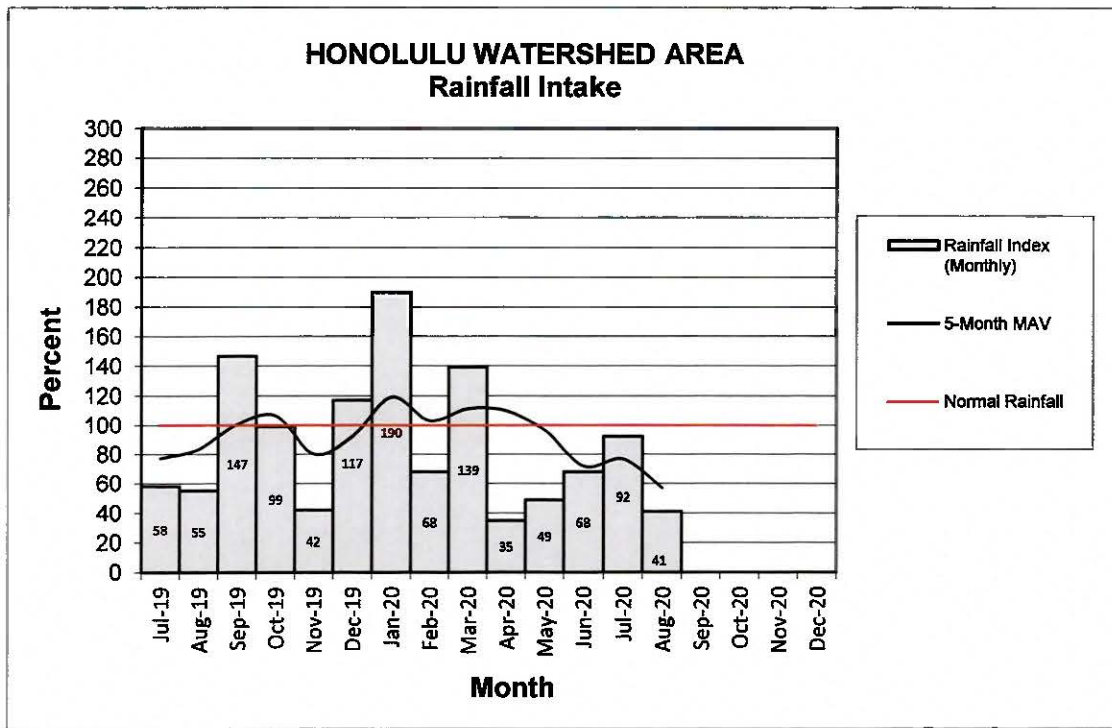


Head Report



Head Report





ITEM FOR INFORMATION NO. 5

"September 28, 2020

WATER MAIN
REPAIR
REPORT FOR
AUGUST 2020

Chair and Members
Board of Water Supply
City and County of Honolulu
Honolulu, Hawaii 96843

Chair and Members:

Subject: Water Main Repair Report for August 2020

Michael Fuke, Program Administrator, Field Operations Division, will report on water main repair work for the month of July 2020.

Respectfully submitted,

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

Attachment"

The foregoing was for information only.

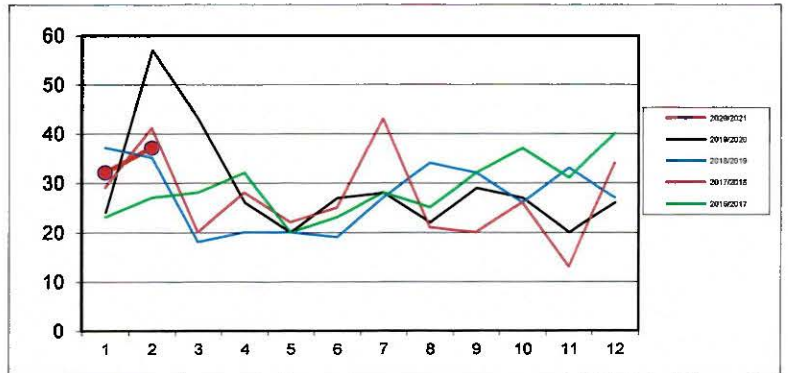
DISCUSSION:

Mr. Michael Fuke, Program Administrator, Field Operations Division, gave the report. There were no comments or discussions.

WATER MAIN REPAIR REPORT for August 2020

	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	Total
2020/2021	32	37											69
2019/2020	24	57	43	26	20	27	28	22	29	27	20	26	349
2018/2019	37	35	18	20	20	19	27	34	32	26	33	27	328
2017/2018	29	41	20	28	22	25	43	21	20	26	13	34	322
2016/2017	23	27	28	32	20	23	28	25	32	37	31	40	346

Date	Address	Size (In)	Pipe Type
8/1/2020	428 Wyllie St, Honolulu	6	PVC
8/2/2020	1241 10th Ave, Honolulu	12	PVC
8/2/2020	99-482 Iwaiwa St, Aiea	8	CI
8/2/2020	91-087 Hanua St, Kapolei	6	AC
8/3/2020	923 Emmeluth Ln, Honolulu	8	DI
8/5/2020	91-1133 Renton Rd, Ewa Beach	8	PVC
8/6/2020	92-512 Akaawa St, Kapolei	8	CI
8/7/2020	2605 Booth Rd, Honolulu	6	CI
8/8/2020	1606 Alaneo St, Honolulu	6	CI
8/10/2020	5549 Kanau St, Honolulu	8	CI
8/11/2020	2553 Booth Rd, Honolulu	6	CI
8/12/2020	80 Dowsett Ave, Honolulu	8	PVC
8/12/2020	3025 Holei St, Honolulu	8	CI
8/13/2020	855 Hoomaemae St, Pearl City	8	AC
8/13/2020	428 Wyllie St, Honolulu	6	PVC
8/13/2020	747 Ailuna St, Honolulu	8	CI
8/16/2020	Farrington Hwy & Kili Dr, Waianae	8	CI
8/16/2020	46-10 Kamehameha Hwy, Kaneohe	8	CI
8/18/2020	1930 Kamehameha Hwy, Honolulu	8	CI
8/19/2020	94-239 Kahualena St, Waipahu	8	CI
8/19/2020	80 Dowsett Ave, Honolulu	8	PVC
8/19/2020	1930 Kamehameha Hwy, Honolulu	8	CI
8/19/2020	1932 Liliha St, Honolulu	12	PVC
8/20/2020	92-645 Newa St, Kapolei	8	CI
8/21/2020	86-640 Puuhulu Rd, Waianae	8	CI
8/21/2020	1705 Kanapuu Dr, Kailua	12	PVC
8/22/2020	2373 Pauoa Rd, Honolulu	6	CI
8/22/2020	1275 Queen Emma St, Honolulu	6	CI
8/24/2020	3234 Pinaoula St, Honolulu	8	CI
8/24/2020	92-524 Uhiuala St, Kapolei	8	CI
8/25/2020	91-779 Fort Weaver Rd, Ewa Beach	8	CI



14 miles of pipeline were surveyed by the Leak Detection Team in the month of August.

MOTION TO
RECESS INTO
EXECUTIVE
SESSION

There being no further business Chair Andaya called for a motion to adjourn the Open Session. Jade Butay so moved; seconded by Ross Sasamura.

Chair Andaya requested that Board Secretary Ms. Joy Cruz-Achiu conduct a roll call vote.

Ms. Cruz-Achiu conducted a roll call vote: Vice Chair Kapua Sproat, aye; Board Member Ray Soon, aye; Board Member Ross Sasamura, aye; Board Member Jade Butay, aye; and Chair Bryan Andaya, aye.

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

Upon unanimous approved motion, the Board recessed into Executive Session Pursuant to [HRS § 92-5(a)(4)] at 3:33 PM to Consider Issues Pertaining to Matters Posted for Discussion at an Executive Session.

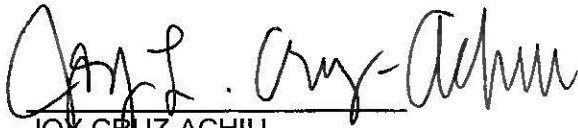
OPEN
SESSION

The Board reconvened in Open Session at 3:53 PM.

MOTION TO
ADJOURN

There being no further business Chair Andaya at 3:55 PM called for a motion to adjourn the Open Session. Jade Butay so moved, seconded by Kapua Sproat and unanimously carried.


The minutes of the Regular Meeting held on September 28, 2020 are respectfully submitted,


JOY CRUZ-ACHIU

THE MINUTES OF THE PUBLIC HEARING AND REGULAR SESSION BOARD MEETING ON SEPTEMBER 28, 2020 WERE APPROVED AT THE OCTOBER 26, 2020 BOARD MEETING

	AYE	NO	ABSTAIN	COMMENT
BRYAN P. ANDAYA	X			
KAPUA SPROAT	X			
RAY C. SOON				ABSENT
ROSS S. SASAMURA	X			
JADE T. BUTAY	X			
MAX J. SWORD			X	

APPROVED:


BRYAN P. ANDAYA
Chair of the Board
OCT 26 2020

Date