

BOARD OF WATER SUPPLY, COUNTY OF KAUAI

On March 16, 2020, Governor David Y. Ige issued a Supplementary Emergency Proclamation related to COVID-19 which suspended Chapter 92 of the Hawai'i Revised Statutes ("HRS"), relating to Public Agency Meetings and Records (commonly referred to as the Sunshine Law) to the extent necessary in order to enable boards to conduct business in-person or through remote technology without holding meetings open to the public. Boards shall consider reasonable measures to allow public participation consistent with social distancing practices, such as providing notice of meetings, allowing the submission of written testimony on items which have been posted on an agenda, live streaming of meetings, and posting minutes of meetings online. No board deliberation or action shall be invalid, if such measures are not taken.

In accordance with the Governor's Proclamations including the stay-at-home order and the Mayor's Proclamations and Emergency Rules, the Board of Water Supply meetings will be conducted as follows until further notice:

- Board meetings will be held via remote technology to be consistent with social distancing practices and stay-at-home orders.
- Board members and/or resource individuals may appear via remote technology.
- Board meetings will continue to be noticed pursuant to HRS Chapter 92.
- Written testimony on any agenda item will continue to be accepted.
 - Written testimony may be submitted to the Commission Support Clerk via email at board@kauaiwater.org by the close of business the day before the Board meeting is scheduled or mailed to the Board of Water Supply at 4398 Pua Loke Street, Lihu'e, Kaua'i, Hawai'i 96766 with attention to the Commission Support Clerk. The public is asked to please provide sufficient time for receipt of the testimony if mailing in public testimony.
 - Persons wishing to testify are requested to register their name, phone number, and agenda item via email at board@kauaiwater.org or by calling (808) 245-5406.
 - If you wish to submit oral testimony prior to the Board meeting, it may be submitted by leaving a voice message at (808) 245-5406.
 - The Commission Support Clerk will provide electronic copies of public testimony received, if any, to the Board members prior to the start of the meeting.
- Board meeting minutes will continue to comply with HRS Chapter 92 and be posted to the Board's website at http://www.kauaiwater.org/cp_waterboard_agendas.asp.

For more information on COVID-19 and to access the Governor's Proclamations please visit: <https://hawaiicovid19.com/>.

For County of Kaua'i information, including the Mayor Kawakami's daily updates, Proclamations, and Emergency Rules, please visit: <http://www.kauai.gov/COVID-19>.



BOARD OF WATER SUPPLY

GREGORY KAMM, CHAIR
KURT AKAMINE, VICE CHAIR

JULIE SIMONTON, SECRETARY
LAWRENCE DILL, MEMBER
KA'AINA HULL, MEMBER
TROY TANIGAWA, MEMBER
ELESTHER CALIPJO, MEMBER

REGULAR MONTHLY TELECONFERENCE MEETING NOTICE AND AGENDA

Thursday, March 25, 2021
10:00 a.m. or shortly thereafter

PUBLIC ACCESS +1-415-655-0001 US Toll, Conference ID: 182 740 6353, Password: 4398#

This meeting will be held via Microsoft Teams conferencing only. Members of the public are invited to join this meeting by calling the number above with the conference ID information. You may testify during the video conference or submit written testimony in advance of the meeting via e-mail, fax, or mail. To avoid excessive noise/feedback, please mute your microphone except when you are called to testify.

If members or the public require technical assistance please contact:
informationtechnology@kauaiwater.org

CALL TO ORDER

ROLL CALL

ANNOUNCEMENTS:

Next Scheduled Meeting: Thursday, April 22, 2021 – 10:00 a.m. via Tele-Conference.

APPROVAL OF AGENDA

APPROVAL OF MEETING MINUTES:

- a) Regular Board Meeting – February 25, 2021
- b) Executive Session – February 25, 2021

PUBLIC TESTIMONY

CORRESPONDENCE

OLD BUSINESS:

NEW BUSINESS:

1. Manager's Report No. 21-19 – Discussion and Adoption of Resolution No. 21-03 (3/21), Employee of the Year, Lenny Camat, Operations Division
2. Manager's Report No. 21-20 – Discussion and Adoption of Resolution No. 21-04 (3/21), Employee of the Year, Amy Kiyotsuka, Operations Division

NEW BUSINESS: (cont'd)

3. Resolution No. 21-05 – Farewell to Edith “Edie” Ignacio Neumiller (Retiree), Commission Support Clerk, Administration Division

4. Draft Budget for Fiscal Year 2021-2022
 - a) Fiscal Year 2021 - 2022 – Draft Operating Budget
 - b) Fiscal Year 2021 - 2022 – Draft Capital Outlay Budget

STAFF REPORTS:

1. Statement of Revenues and Expenditures
 - a. February Monthly Summary Budget
 - b. Accounts Receivable Aging Summary

2. Public Relations Activities

3. Operational Activities

4. Manager and Chief Engineer

TOPICS FOR FUTURE BOARD OF WATER SUPPLY MEETINGS:

1. Department of Water Performance Audit (Update)
2. Table of Organization Workshop
3. Discussion and Possible Action to establish Fiscal Policies and Procedures
4. Baseyard Master Plan Workshop
5. Report of the Finance Committee of the Kaua'i County Board of Water Supply (April 2021) Draft Budget for Fiscal Year 2021-2022
 - a. Fiscal Year 2021-2022 – Draft Operating Budget
 - b. Fiscal Year 2021-2022 – Draft Capital Outlay Budget

EXECUTIVE SESSION:

Pursuant to Hawai'i Revised Statutes (HRS) §92-7(a), the Board may, when deemed necessary, hold an executive session on any agenda item without written public notice if the Executive Session was not anticipated in advance. Any such executive session shall be held pursuant to HRS §92-4 and shall be limited to those items described in HRS §92-5(a).

ADJOURNMENT

WRITTEN TESTIMONY

The Board is required to afford all interested persons an opportunity to present testimony on any agenda item. The Board encourages written testimony at least two (2) business days prior to a scheduled Board meeting. At each Board meeting, the Board will accept oral and written testimony on any agenda item at item Public Testimony.

Please include:

1. Your name and if applicable, your position/title and organization you are representing
2. The agenda item that you are providing comments on; and
3. Whether you are a registered lobbyist and, if so, on whose behalf you are appearing.

Send written testimony to:

Board of Water Supply, County of Kaua'i
C/O Administration
4398 Pua Loke Street
Līhu'e, Hawai'i 96766
E-Mail: board@kauaiwater.org
Phone: (808) 245-5406
Fax: (808) 245-5813

SPEAKER REGISTRATION

Prior to the Day of the Meeting: Persons wishing to testify are requested to register their name, phone number, and identify the agenda item for which they wish to provide testimony via email at board@kauaiwater.org or by calling (808) 245-5406.

On the Day of the Meeting: Persons who have not registered to testify by the time the Board meeting begins will be given an opportunity to speak on an item following oral testimonies of registered speakers. The length of time allocated to person(s) wishing to present verbal testimony may be limited at the discretion of the chairperson.

SPECIAL ASSISTANCE

If you need an auxiliary aid/service or other accommodation due to a disability, or an interpreter for non-English speaking persons, please call (808) 245-5406 or email board@kauaiwater.org as soon as possible. Requests made as early as possible will allow adequate time to fulfill your request. Upon request, this notice is available in alternate formats such as large print, Braille, or electronic copy.

Draft Minutes

MINUTES
BOARD OF WATER SUPPLY
February 25, 2021

The Board of Water Supply, County of Kaua'i, met in regular meeting **via remote** in Līhu'e on Thursday, February 25, 2021. Chair Gregory Kamm called the meeting to order at 10:07 a.m. The following Board members were present:

BOARD: Mr. Gregory Kamm, *Chair*
Mr. Kurt Akamine, *Vice Chair*
Ms. Julie Simonton
Mr. Lawrence Dill
Mr. Ka'aina Hull
Mr. Troy Tanigawa (*joined @ approx. 10:20 a.m.*)

EXCUSED: Mr. Elesther Calipjo

Quorum was achieved with 5 members present at Roll Call.

STAFF: Manager & Chief Engineer Mark Knoff
Mr. Steve Kyono, Board Advisor
Mrs. Jonell Kaohelaulii
Mrs. Marites Yano
Deputy County Attorney Mahealani Krafft

Mr. Carl Arume
Mr. Val Reyna
Mrs. Mary-jane Akuna
Mr. Jas Banwait

ANNOUNCEMENTS

Next Scheduled Meeting: Thursday, March 25, 2021 – 10:00 a.m. via Tele-Conference

APPROVAL OF AGENDA

Mr. Akamine moved to approve the Agenda; seconded by Ms. Simonton; with no objections, motion carried with 5 Ayes.

APPROVAL OF MEETING MINUTES

a) Regular Board Meeting – January 21, 2021

Mr. Akamine moved to approve the Regular Board Meeting minutes of January 21, 2021; seconded by Mr. Simonton; with no objections, motion carried with 5 Ayes.

b) Special Board Meeting – February 8, 2021

Ms. Simonton moved to approve the Special Board Meeting minutes of February 8, 2021; seconded by Mr. Akamine; with no objections, motion carried with 5 Ayes.

c) Executive Session – January 21, 2021

Ms. Simonton moved to approve the Executive Session minutes of January 21, 2021; seconded by Mr. Akamine; with no objections, motion carried with 5 Ayes.

d) Executive Session – February 8, 2021

Ms. Simonton moved to approve the Executive Session minutes of February 8, 2021; seconded by Mr. Akamine; with no objections, motion carried with 5 Ayes.

PUBLIC TESTIMONY

1. Testimony from Mr. Jeffrey Lindner, President A Kula Hawai'i regarding Water Service for Fire Protection dated February 16, 2021

This was a written testimony regarding Mr. Lindner's fire flow issues and his Correspondence dated January 22, 202 (see Correspondence). Chair Kamm requested a second response from the Department regarding other questions asked in Mr. Lindner's February 16, 2021 testimony which will be followed up by Manager Knoff.

This would be based on Rule Part 2, Subsection 9 on how this issue is calculated based in Mr. Lindner's rebate claim.

There were no other registered testimonies received by email or by phone.

CORRESPONDENCE

1. Correspondence from Mr. Jeffrey Linder, President A Kula Hawai'i regarding Kula Water Bill Leak dated January 22, 2021

BACKGROUND:

Waterworks Controller, Mrs. Marites Yano sent a response letter to Mr. Lindner and a copy was also sent to the Board members on Tuesday, February 23, 2021 regarding the calculations on his claim.

OLD BUSINESS

1. Manager's Report No. 20-41 - Waiahi Surface Water Treatment Plant Renovation Construction Cost Progress Report (*Update*)

BACKGROUND:

Manager Knoff mentioned there were no invoices received from Grove Farm. The Department is waiting on a response regarding the construction on the Waiahi Surface Water Treatment Plant. He sent a letter to Grove Farm for clarification on items on the proposed construction. A response is pending from Grove Farm.

Received / No update

2. Discussion and Possible Action on the hiring of Manager and Chief Engineer (deferred December 17, 2020)

Discussed in Executive Session. (See comments under Executive Session).

STAFF REPORTS

1. Statement of Revenues and Expenditures
 - a. January Monthly Summary Budget
 - b. Accounts Receivable Aging Summary

BACKGROUND:

Waterworks Controller Mrs. Marites Yano noted that the incorrect month (December 2020) on the Summary Budget should be January 2021. Mrs. Yano summarized the following:

1. YTD Budget & Actual Expenses Summary
2. Revenues: Water Sales up \$1.7M
3. Highlighted:
 - a. Upcoming Great Plains will be implemented live on April 12, 2021.
 - b. Updated Depreciation Study by consultants will be provided to the Board members once finalized. The study changes the current methodology of calculations of the depreciation of the utility plant assets. This creates a lifetime adjustment that affects the Department's financial statements.
 - c. Currently working on the Operating & Capital budgets for FY 2021-2022. Finance Committee meetings are planned for April.

Received

2. Public Relations Activities

BACKGROUND:

Information & Education Specialist Mrs. Jonell Kaohelaulii shared the following:

1. The Annual Community Outreach Fix-a-Leak Week will be on March 15 - 19, 2021; an Environmental Protection Act's national water sense program that promotes water conservation.

Received

3. Operational Activities

BACKGROUND:

Chief of Operations Mr. Valentino Reyna highlighted the following:

1. Operations Personnel Hours (Yearly) – Represents the past 5 years & current year. Regular hours are on track to be higher than the past 5 years. Time off is lower than the previous 5 years (due to the pandemic). Overtime hours –highest the past 6 years.
2. Monthly Water Audit & Water Losses (January 2020 – December 2020)

Received

4. Manager and Chief Engineer

BACKGROUND:

Manager Knoff highlighted the following items:

1. SECOND AMENDMENT TO CONTRACT NO. 685, JOB NO. 19-01, ISLAND-WIDE VULNERABILITY AND RESILIENCY JOB ASSESSMENT WITH BROWN AND CALDWELL FOR A CONTRACT TIME EXTENSION OF 305 CALENDAR DAYS WITH NO ADDITIONAL FUNDING (Page 90) – The extension contract date (5 years) aligns with the Emergency Response Plan date. No change in the contract amount.
2. Board Advisor's Report by Steve Kyono (Page 92)
3. Personnel Matters (new dashboard) (Page 93) – Department has been actively recruiting positions. Total Vacant = 26; Actively Recruiting = 12

Received

TOPICS FOR FUTURE BOARD OF WATER SUPPLY MEETINGS:

1. Department of Water Performance Audit (Update)
2. Table of Organization Workshop
3. Discussion and Possible Action to establish Fiscal Policies and Procedures
4. Baseyard Master Plan Workshop
5. Employee of the Year Resolutions (*March 2021*)
6. Draft Budget for Fiscal Year 2021-2022 (*March 2021*)
 - a. Fiscal Year 2021 - 2022 – Draft Operating Budget
 - b. Fiscal Year 2021 - 2022 – Draft Capital Outlay Budget

Ms. Simonton read the Executive Session language and moved to go into Executive Session at 10:33 a.m. and will return to Regular Session; seconded by Mr. Akamine; with no objections, motion carried with 6 Ayes, Roll Call: GK, JS, AK, LD, KH, TT

EXECUTIVE SESSION:

Pursuant to Hawai'i Revised Statutes (HRS) §92-7(a), the Board may, when deemed necessary, hold an executive session on any agenda item without written public notice if the Executive Session was not anticipated in advance. Any such executive session shall be held pursuant to HRS §92-4 and shall be limited to those items described in HRS §92-5(a).

1. Pursuant to Hawai'i Revised Statutes § 92-4 and § 92-5(a)(2), the purpose of this Executive Session is for the Board to consider the hiring of a Manager and Chief Engineer where consideration of matters affecting

privacy will be involved; provided that if the individual concerned requests an open meeting, an open meeting shall be held, as it relates to this agenda item:

Discussion and Possible Action on the hiring of Manager and Chief Engineer (deferred December 17, 2020)
Chair Kamm reconvened the Regular Board meeting at 11:29 a.m.

OLD BUSINESS (cont'd)

1. Discussion and Possible Action on the hiring of Manager and Chief Engineer (deferred December 17, 2020)

After Executive Session:

Mr. Akamine moved to adopt the decisions by the Board in Executive Session regarding Old Business No. 2 Discussion and Possible Action on the hiring of Manager and Chief Engineer (deferred December 17, 2020); seconded by Mr. Tanigawa; with no objections, motion carried with 6 Ayes.

ADJOURNMENT

Ms. Simonton moved to Adjourn the Regular Board meeting at 11:32 a.m., seconded by Mr. Dill, with no objections, motion carried with 6 Ayes.

Respectfully submitted,

Approved,

Edith Ignacio Neumiller
Commission Support Clerk

Julie Simonton
Secretary, Board of Water Supply

New Business

DEPARTMENT OF WATER

County of Kaua'i

"Water has no Substitute – Conserve It!"

MANAGER'S REPORT No. 21-19

March 25, 2021

Re: Discussion and Adoption of Resolution No. 21-03, (3/21), Employee of the Year, Lenny Camat, Operations Division

It is requested that the Board approve Resolution 21-03, (3/21), and congratulate Employee of the Year Lenny Camat, Operations Division.

MK/ein

Attachment: Resolution No. 21-03, EOY Lenny Camat

Mgrrp/March 2021/21-19/Discussion and Adoption of Resolution No. 21-03, (3/21), Employee of the Year, Lenny Camat, Operations Division (3-25-21):ein

**COUNTY OF KAUAI
DEPARTMENT OF WATER
Employee of the Year**

**LENNY CAMAT
MAHALO
2020**

WHEREAS, Lenny Camat has been selected by his peers as the Department of Water’s 2020 Outstanding Employee of the Year; and

WHEREAS, Lenny joined the Department of Water on August 18, 2014 as Equipment Operator II; and

WHEREAS; Lenny is a dependable and reliable team player with a strong work ethic. He can always be counted on to support the West Crew, Department and by going the extra mile to serve the Kauai Community; and

WHEREAS; Lenny always executes his duties as an Equipment Operator II professionally. He consistently strives to be his best, willingly takes the initiative, and demonstrates flexibility when given a new assignment; and

WHEREAS; Lenny is a quiet leader that sets high performance standards for himself and his peers. His exceptional quality in his workmanship exemplifies a role model to his co-workers; and that directly contributes to the success of the crew; and

WHEREAS, Lenny is easy to work with and treats his co-workers’ like ‘Ohana with trust and respect. He is always eager to help others and takes guidance and feedback from his peers with a friendly attitude; and

WHEREAS, Lenny is dearly admired by his peers because he is so generous with his time to both the Department and his community. He always has a smile ear to ear, utensils in his hands, and doesn’t stop until the project is done; and

WHEREAS, Lenny's creativity with making the job seamless and efficient has made hard work and labor fun and timeless; and

WHEREAS, when not on duty at the DOW, Lenny is busy with his “honey wagon” business. But, no matter how busy he is, Lenny makes time to have a get together with his co-workers; and

WHEREAS, Lenny has demonstrated sustained excellent performance and dependability as an Operations Division team member and Department of Water employee; now, therefore

BE IT RESOLVED BY THE BOARD OF WATER SUPPLY, COUNTY OF KAUAI, STATE OF HAWAII that it acknowledges and appreciates the contributions of LENNY CAMAT for his outstanding dedication and loyalty and congratulate him upon being chosen to receive the 2020 Outstanding Employee of the Year Award.

CONGRATULATIONS LENNY



We do certify that the foregoing was duly adopted by the Board of Water Supply during its meeting on March 25, 2021.

Gregory Kamm, Chairperson

Julie Simonton, Secretary

DEPARTMENT OF WATER

County of Kaua'i

"Water has no Substitute – Conserve It!"

MANAGER'S REPORT No. 21-20

March 25, 2021

Re: Discussion and Adoption of Resolution No. 21-04, (3/21), Employee of the Year, Amy Kiyotsuka, Operations Division

It is requested that the Board approve Resolution 21-04, (3/21), and congratulate Employee of the Year Amy Kiyotsuka, Operations Division.

MK/ein

Attachment: Resolution 21-04, EOY Amy Kiyotsuka

Mgrrp/March 2021/21-20/Discussion and Adoption of Resolution No. 21-04, (3/21), Employee of the Year, Amy Kiyotsuka, Operations Division (3-25-21):ein

**COUNTY OF KAUA'I
DEPARTMENT OF WATER
Employee of the Year
AMY KIYOTSUKA
MAHALO
2020**

WHEREAS, Amy Kiyotsuka has been selected by her peers as the Department of Water's 2020 Outstanding Employee of the Year; and

WHEREAS, Amy joined the Department of Water on December 20, 2010 as an Account Clerk. She was promoted to Senior Account Clerk on June 1, 2015 and promoted again to the Operations Division Clerk-Dispatcher on April 16, 2016; and

WHEREAS; Amy is a dependable, dedicated, reliable, kind, and patient co-worker that is a pleasure to work with, whether handling customer service calls, emergency calls for service, or maintaining inventory; and

WHEREAS; Amy is such a pleasure to know outside of work. Her yummy goodies and her comedian of a husband are the caveats to her bubbly personality; and

WHEREAS; Amy dutifully carries out her responsibilities as the Clerk-Dispatcher skillfully coordinating an accurate and timely solution between the customer and crew; and

WHEREAS, Amy is a superb employee whose demeanor, dedication and willingness to help others are an inspiration to the entire department. She is always ready to help where she is needed; and

WHEREAS; Amy is efficient in her performance. She has mitigated impacts to the department while prioritizing her time to carry out the additional duties of the vacant Senior Account Clerk position; and

WHEREAS; Amy cheerfully carries out even the most menial tasks. She often assists with morning rollcall getting information to supervisors so that they can quickly and accurately assign daily work orders; and

WHEREAS, Amy epitomizes customer service in how she handles calls, follows up with both customer and crew and ensures that the customer's concerns are completely and correctly resolved; and

WHEREAS, Amy is dearly esteemed by her peers. She is always calm and soft-spoken treating others with the utmost respect and dignity; and

WHEREAS, Amy has demonstrated sustained excellent performance and dependability as an Operations Division team member and Department of Water employee; now, therefore

BE IT RESOLVED BY THE BOARD OF WATER SUPPLY, COUNTY OF KAUA'I, STATE OF HAWAII that it acknowledges and appreciates the contributions of AMY KIYOTSUKA for her outstanding dedication and loyalty and congratulate her upon being chosen to receive the 2020 Outstanding Employee of the Year Award.

CONGRATULATIONS AMY



We do certify that the foregoing was duly adopted by the Board of Water Supply during its meeting on March 25, 2021.

Gregory Kamm, Chairperson

Julie Simonton, Secretary

Mahalo and Aloha

Edith “Edie” Ignacio-Neumiller

Commission Support Clerk

WHEREAS, Edith Ignacio-Neumiller aka Edie joined the team at the Department of Water (DOW) on August 16, 2012 as the Commission Support Clerk and will be retiring at the end of March 2021.

WHEREAS, Edie no longer has to take minutes for the Board meetings and is able to save her fingers to answer emails and to post on social media for her many community dedications;

WHEREAS, Edie can now pursue her passion to empower women and girls through service and advocacy with ZONTA Club of Kaua’i full-time;

WHEREAS, Edie will now be able to concentrate her efforts into coordinating her travel arrangements to Las Vegas instead of chasing after the board members for quorum and their lunch preference;

WHEREAS, Edie can wake up later in the morning and enjoy sipping on her favorite latte at a coffee shop instead of making it every morning in her office;

WHEREAS, Edie is always well dressed and can now ditch her makeup and heels for slippas and shorts while sporting those leopard sunnies that she loves;

WHEREAS, Edie can finally spend more time vacationing in California shopping until she drops and to spend time with her daughter, Alana;

WHEREAS, Edie can now get her hands dirty cooking for her and her hubs at home instead of taking home fast food or eating frozen meals;

WHEREAS, Administration will now have an abundant supply of hand sanitizing wipes on hand;

WHEREAS, Edie’s double parking or parking on the lines will now free up more parking spaces for her coworkers;

WHEREAS, Edie is commended for her many years of professionalism and devoted service to the Board and Department for her scrutiny in the perfection of the Board's packet and every missing period or kahakou;

WHEREAS, Edie, still looks as young as when she first started despite the stress of posting deadlines;

WHEREAS, Edie has long been deserving of and contemplating retirement after years of hard work, she will be forever missed walking through the halls of the DOW;

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF WATER SUPPLY, COUNTY OF KAUAI, STATE OF HAWAII, that on behalf of the water-consuming customers on Kaua’i, the Board expresses its gratitude and appreciation for the many years of dedicated service rendered by Edith Ignacio-Neumiller. We extend to Edie our best wishes for much happiness and success in her retirement.

BE IT FURTHER RESOLVED that a copy of this Resolution be forwarded to EDITH “EDIE” IGNACIO NEUMILLER with our warmest Aloha and best wishes for success in all her future endeavors.



HAPPY RETIREMENT

We do certify that the foregoing was duly adopted by the Board of Water Supply during its meeting on March 25, 2021.

Gregory Kamm, Chairperson

Julie Simonton, Secretary

DEPARTMENT OF WATER

County of Kaua'i

"Water has no Substitute – Conserve It!"

March 25, 2021

Re: Proposed Operating and Capital Budgets for FY 2021-2022

RECOMMENDATIONS:

1. Board review and approval of the Department of Water ("DOW")'s Proposed Annual Operating budget for Fiscal year ("FY") 2021-2022.
2. Board review and approval of the DOW's Proposed New Capital Outlay Budget for FY 2021-2022.
3. Board review of the DOW's Outstanding Purchase Orders ("PO") from FY 2020-2021 and approval of the budget rollover to FY 2021- 2022.

BACKGROUND:

The DOW is a semi-autonomous agency of the County of Kauai operating as an enterprise fund. The operations are managed by the Manager & Chief Engineer who is appointed by the Board of Water Supply ("Board") with a Deputy Manager and six Division Heads, each managing their respective divisions.

The DOW's proposed budget is a compilation summary of each division's programs and planned projects for the FY 2021 – 2022. It consists of the following:

- I. The Operating Budget.
- II. The New Capital Outlay and
- III. Rollover of Outstanding Purchase Orders ("PO").

A summary of Purchase Order ("PO") rollovers for unexpended encumbrances such as Contracts and Purchase Orders will be submitted as a supplemental budget under a separate cover after closing the financial accounting system as of FY ending June 30, 2021 is completed.

There are five (5) Sources of Funds that will be maintained separately. Previously, only three funds were maintained separately but two other funds marked "New" below will be added to provide separate accounting of the capital contribution and expenditures separately:

1. The Water Utility Fund ("WUF")
2. The Facilities Reserve Charge ("FRC")
3. The Build America Bond ("BAB").
4. The State Appropriation (Grant) Fund - New
5. The State Revolving Fund (SRF) - New

The WUF is the general operating fund of the DOW. This fund is used for the day-to-day operations and various capital outlays in accordance with the budgets as approved by the Board.

I. The Operating Budget

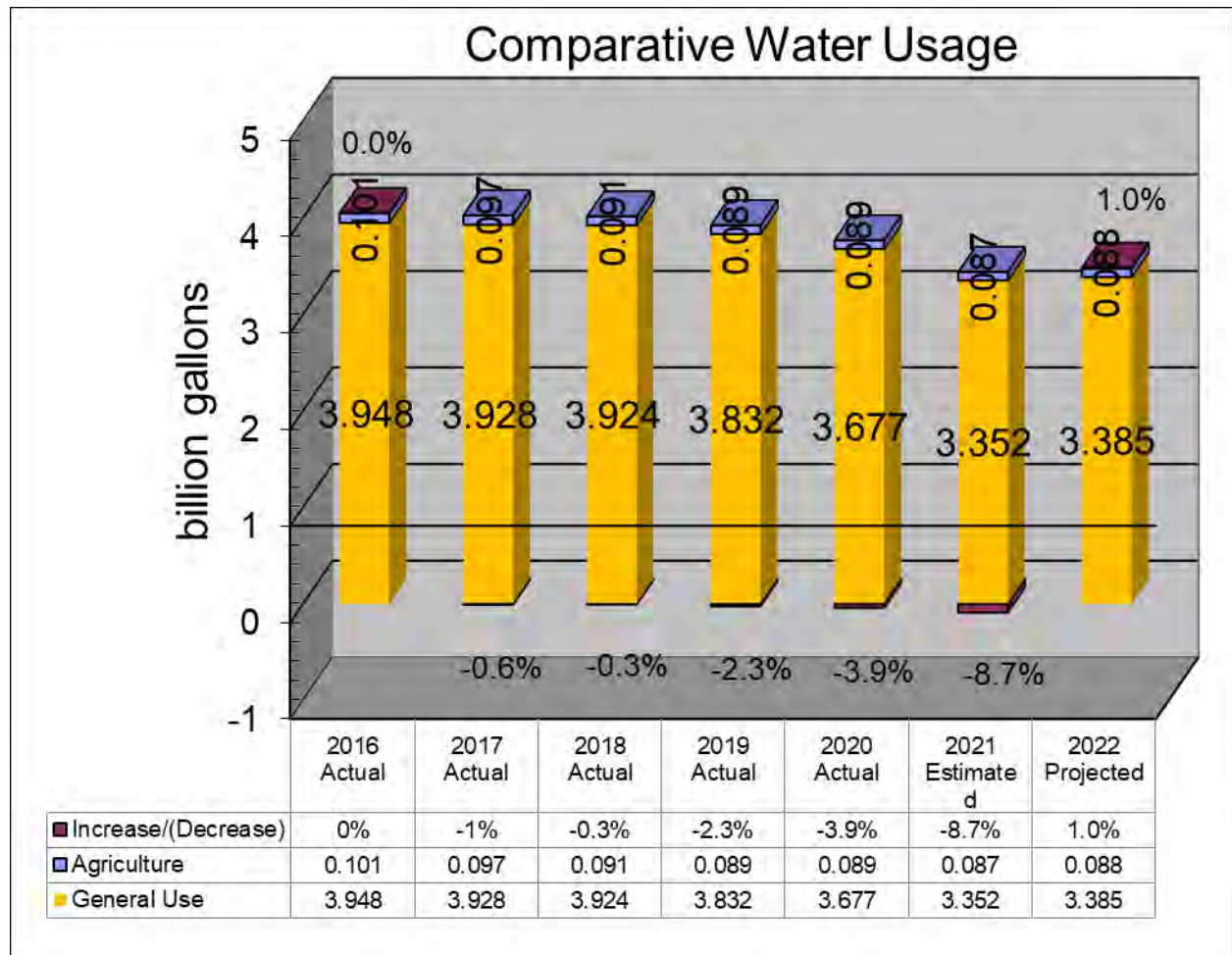
The DOW's main source of revenue is generated from water sales. Historically, the DOW provided an annual average of four billion gallons of water to over 21,000 customer accounts from single to multi-family dwellings, agricultural, commercial, government and other mixed-use accounts through the operation and maintenance of nine different public water systems island wide. It is estimated that the

total water consumption till the end of FY 2021 will be down to three-point four billion gallons (“BG”) (3.4 BG) from three-point eight billion gallons (3.8 BG) in FY 2019. This decline is a continuation of the effects of COVID-19 global pandemic that resulted to the extended closures of operations of the DOW’s major consumers, the hotels and resorts, commercial establishments, the harbor and the airport and many other businesses.

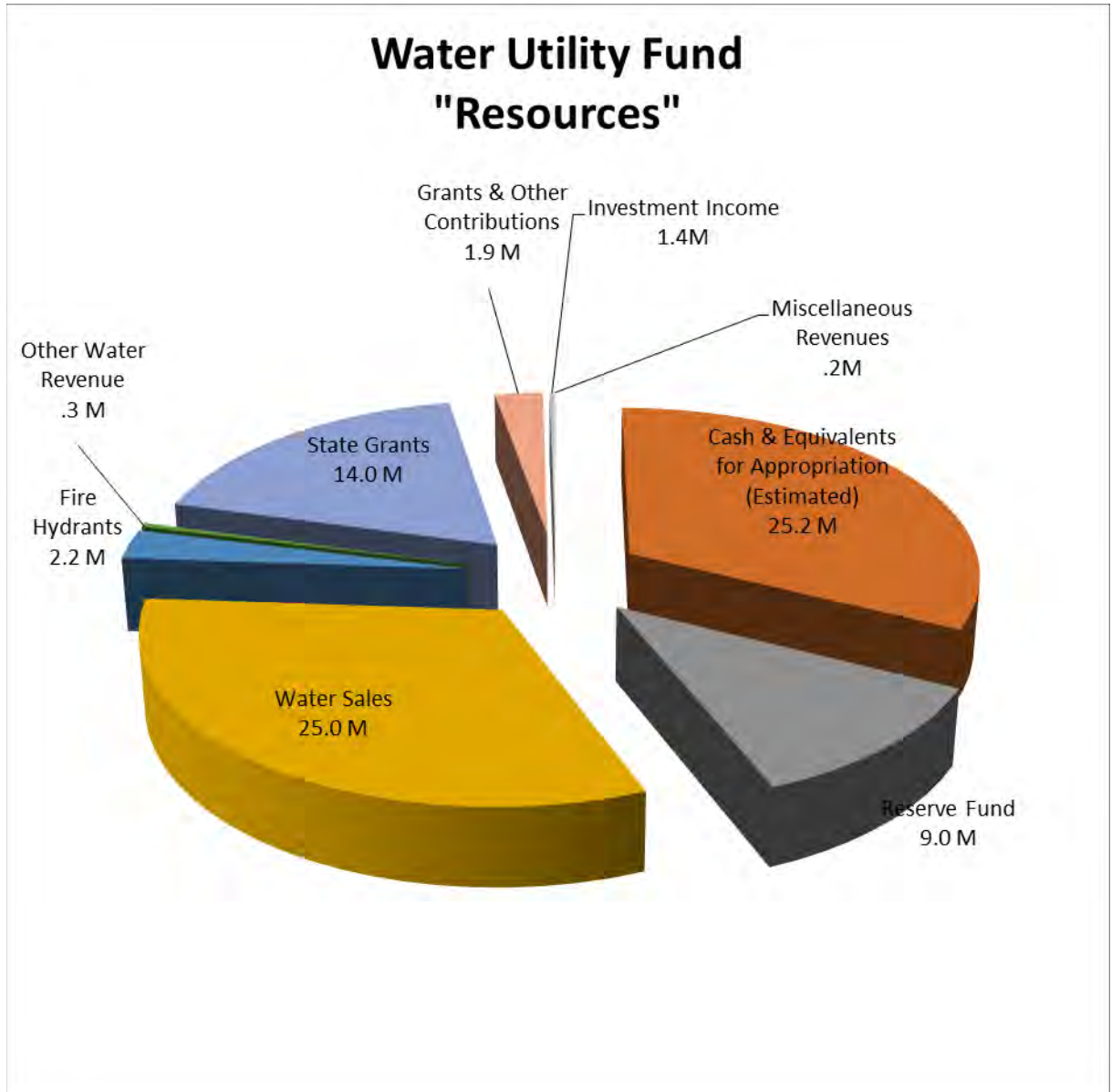
A new consumption trend is starting to shape up as the State of Hawaii and County of Kauai adjust to the COVID 19 pandemic. As travel restrictions are changing with the Covid 19 vaccine roll out, we anticipate that the major water customers will slowly be opening which will have a direct impact on the DOW’s projected water sales. In the absence of a solid consumption data pattern, we are projecting the water sales for FY 2022 to be the same as the estimated water sales of FY 2021 with a one percent (1%) increase for the possible growth factor.

The DOW’s current water rate charges are based on the last water rate increase implemented on July 1, 2014. There is no projected water rate increase in FY 2022 after the DOW made a tough decision of terminating the ongoing water rate study due to the prevalence of COVID 19 pandemic.

The chart below is a five-year illustration of the actual water consumption in billions of gallons from fiscal years ending 2016 – 2020, estimated consumption for the remainder of FY 2021, and the projected water consumption for FY 2022.



A. PROJECTED RESOURCES – WATER UTILITY FUND: \$77,749,636.



The DOW's Projected Resources are comprised of the following:

- 1. Beginning Balance - Available Resources - \$34,470,072.00 (estimated).**

The DOW's available resources from Cash, Investments and Accounts Receivable as of February 28, 2021 less outstanding purchase orders and current liabilities excluding short term debts were used to estimate the beginning balance - available resources as of July 1, 2021. This is an estimate, and it will be updated with the final numbers after the close of FY 2021. This amount includes the unadjusted reserved funds of \$9.3M.

2. Revenues \$43,579,564.00 (projected).

- 2.1 **Water Sales - \$24,960,376.00** projected water sales accounts for thirty-two percent (32%) of the projected revenues and receipts in FY 2022.

The water sales projection for FY 2022 is \$1.7 million (M) lower than the actual revenues collected in FY 2020 but \$2M higher than the FY 2021 budget. With the latest consumption data available as of February 28, 2021, the average decrease of 8% in water sales was applied to estimate the water sales for the remaining four months from March 2021 to the end of fiscal year, June 30, 2021. Taking the conservative approach, the FY 2022 water sales was projected to remain the same as FY 2021 with a 1% increase for potential population growth.

- 2.2 **Revenue from Public Fire Protection - \$2,174,298.00** The Revenues from Public Fire Protection at \$2,174,298 is a non-cash revenue that we bill the County of Kauai for the 2,983 total public fire hydrants and standpipes that the DOW maintains island wide. The County does not pay the DOW for this bill but in exchange, DOW benefits from the countywide services that the County of Kauai provides to the DOW and its staff. A contra-expenditure account for the same amount offsets this revenue.

- 2.3 **Other Water Revenues - \$300,000.00** Revenues from this are non-recurring. They are generated from water and meter installations and other job services provided by the DOW.

2.4 **Grants & Contributions- \$560,679.00**

- BAB Subsidy - \$560,679. The DOW will receive its annual BAB Subsidy of \$800,970; \$560,679 or 70 percent ("70 %") is allocated to WUF and the remaining 30 percent ("30 %") or \$240,291 is allocated to the FRC fund.

- 2.5 **State Grants - \$14,000,000.00** The State of Hawaii released a state grant appropriation of \$14.M for three DOW capital improvement projects for FY 2022 and funds will be released upon DOW's submission of claim vouchers from contractors. Details of these projects funded by this grant are included in the Capital Outlays' budget herein below.

- 2.6 **Investment income - \$200,000.00** The DOW maintains its investments through the County of Kaua'i's pooled investment portfolio. The investment income is projected based on net interest income and fair value adjustments of the total DOW investment portfolio.

- 2.7 **Miscellaneous Revenues - \$8,500.00** This is projected for gains or losses from the disposal of capital assets, and other revenues.

3. **Non-Revenue Cash Inflow - \$4,900,000.** The Department of Water plans to apply for an initial loan @ \$4.9M from the Department of Health's Safe Drinking Water State Revolving Fund (SRF) to finance a planned Meter Replacement Project.

4. **Transfers in - WUF - \$7,200,000.**

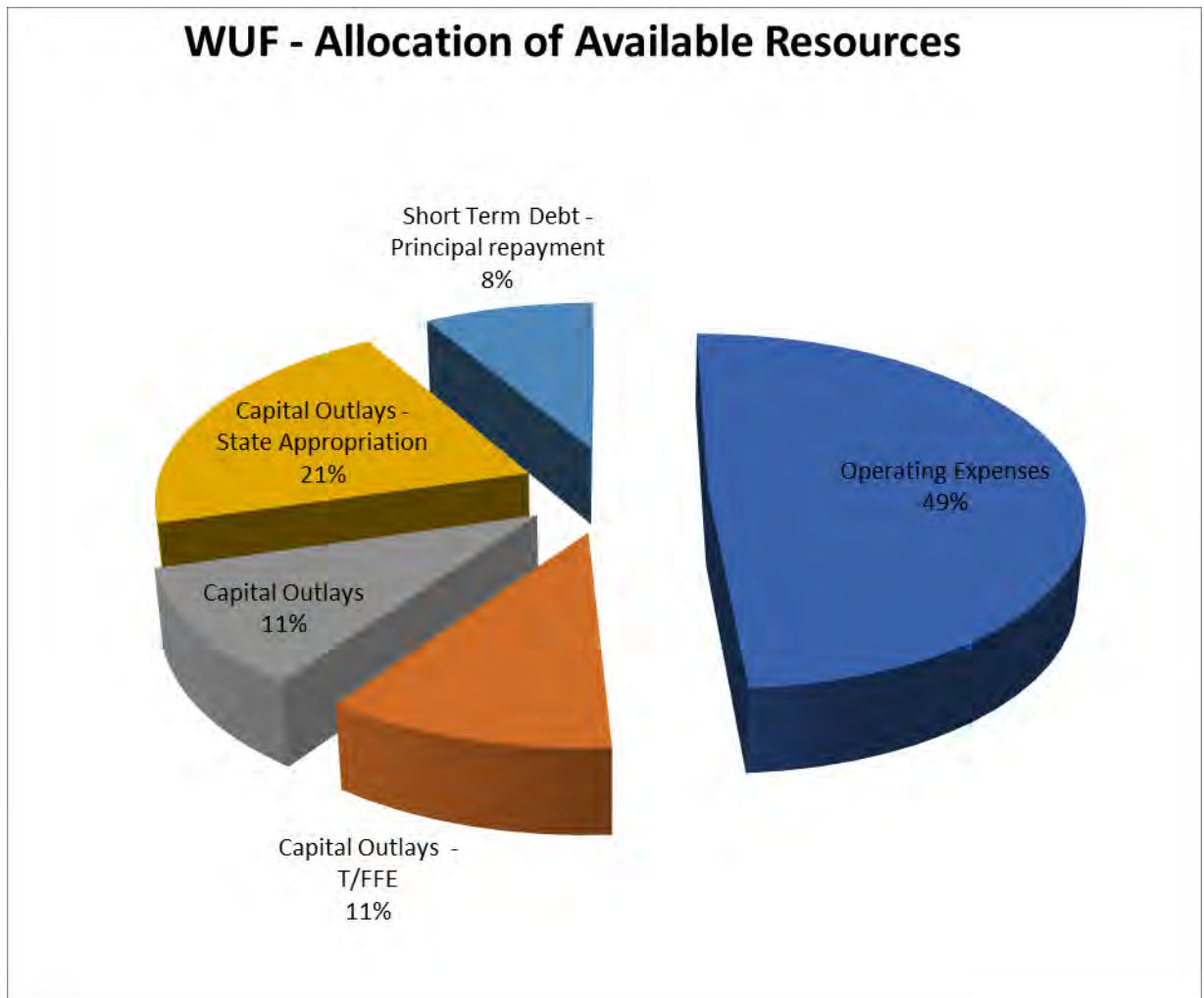
Transfers - In: To transfer \$7,200,000 from FRC to WUF. This is to reimburse WUF the 30 percent ("30 %") debt service allocation of debt financed expansion projects. As of 7/1/2021, FRC Fund has an estimated net available balance of \$2,434,873 increased by the projected

FRC receipts of \$800,000 and \$240,291 from the 30% allocation of BAB subsidy. There is a proposed budget of New Capital Outlay – CIP projects of \$610,000 with an estimated remaining funds of 2,865,164. We then propose to transfer to WUF \$2,000,000 from the estimated \$2.87M remaining funds.

Transfers – In: Anticipated Proceeds from SRF Loan of \$4,900,000 will be transferred to Water Utility Fund to finance the planned Meter Replacement Project.

Transfers – In: Pursuant to board policy #31, the DOW’s Reserved Funds will be reduced by \$300,000 from \$9,300,000 to \$9,000,000 and same amount will be transferred to WUF unrestricted account.

B. ALLOCATION OF PROJECTED RESOURCES – Water Utility Fund:



1. Operating Expenses - \$29,940,733.00

The DOW's operating expenses are summarized by major expenditure items or similar categories for this report. An Operating Expense Summary and an Operating Expense Detail are attached for your further review, analysis and discussion thereof.

- 1.1 DOW's Salaries and Wages for FY 2022 are budgeted at \$8,217,281.50, an increase of \$990 thousand ("K") or 13% as compared with the FY 2021 budget.
- 1.2 Included in the "Salaries & Wages" budget is \$1.4 million (M) in budgeted vacancy positions. There are currently thirty-one (31) vacant positions with proposed funding as follows: Twenty-one (21) to be funded at 100%, one (1) at 75%, three (3) at 50% and six (6) positions won't be funded at this time.
- 1.3 The DOW's FY 2021 employee benefits budget is \$4,416,275. The employee benefits are comprised of the FICA employer taxes, EUTF for health plan premiums, Employee Retirement System (ERS) for pensions and Other Post-Employment Benefit ("OPEB") for retiree medical benefits.

The budget for FICA taxes is a fixed percentage of 7.65% calculated based on the total salaries budget while the ERS contributions was calculated at 24%. Life and Health Insurance benefits were fixed amounts based on the subscribers' plan coverage and the Other Post-Employment Benefits (OPEB) was a fixed amount determined through the State of Hawaii's actuarial study. The total employee benefits budget increased by \$419.2K or 10% as compared with FY 2021 budget.

- 1.4 Services, which include Professional Services, Accounting & Auditing, Other General Services, Public Relations and Miscellaneous Services totaled \$5,005,686 with an increase in budget of \$700,065 or 16% from FY 2021 budget. Major projected expenditures under the Services category are:
 - 1.4.1 Professional Services – General; this budget line item increased by \$695,349 as compared to FY 2021 budget. Detailed changes are itemized below:
 - 1.4.1.1 Administration has a new line-item budget to procure external services for document imaging @ \$150K.
 - 1.4.1.2 Engineering - Construction Management (CM) – CM budget increased by \$950K due to the "As needed CM" budget for \$1M. This CM budget item was last funded in FY 2020. The Engineering Services and Water Resources and Planning both decreased their professional services budget by \$390K and \$150K respectively.
 - 1.4.1.3 Operations budget increased by \$450K because of two planned projects; the demolition of the old administration building for \$300K and \$250K for the design of Kilohana Sodium Hypochlorite Onsite Generation (OSG) Housing.
 - 1.4.1.4 Information Technology (IT) budget slightly increased by \$5K.
 - 1.4.1.5 Water Quality – slightly increased the EPA testing budget by \$8.9K.
 - 1.4.1.6 Fiscal-Billing budget decreased by \$100K and Accounting by \$140K.
 - 1.4.2 Accounting and auditing budget –budget stayed the same as FY 2021 @ \$106.8K.
 - 1.4.3 Other Services & Billing costs – Other Services budget is pretty much the same as FY 2021 while Billing costs budget increased by \$35.1K due to the increased budget

in American Meter Institute (AMI) Subscription fee for the new meter replacement plan.

1.4.4 Public Relations, decreased by \$32.8K, Communications increased by \$8.3K while freight and Postage decreased by 9.7K.

1.4.5 Insurance budget of \$155K remains the same.

1.4 County Service Charge at \$2.17M is a non-cash expenditure where revenues from public fire hydrants are billed to the County of Kauai and no payment is collected. In exchange for services rendered by the County of Kaua'i to the DOW, the same amount is recorded as a contra-expenditure against the non-cash revenue.

1.5 Utility Services budget remains the same at \$2.9M.

1.6 Repairs & Supplies, which includes Repairs & Maintenance for water systems, Repairs & Maintenance – (other than water systems), Office & Operating Supplies, Fuel and Bulk Water Purchases have a combined proposed budget of \$4.2M which increased from FY 2021 by \$374.8K. This increase is due to the increase in IT budget of for various software maintenance costs of \$116.2K and Operations' budget increase of \$256.2 due to the planned demolition of the old administration building.

1.7 Human Resources budget includes Books, Publications & Memberships, Training & Development, Travel & per diem and Meeting expenses for both staff and board members. The total budget of \$205.3K for this category decreased by \$26.5K. This decrease accounts for \$43.37K decrease in IT software subscription fee because these budget costs were transferred to Repairs and Maintenance – Non Water System while Travel & Meeting Expenses budget have combined increase of \$16.8K.

1.8 Interest Expense- The total annual interest expense for FY 2022 is \$2.86M which decreased by \$206.4K from \$3.07M in FY 2021 budget.

2. Debt Service – Principal - \$5,170,095.

Annual Debt Service Requirements (DSR) equals \$8.031M of which \$5.17M is repayment of debt principal.

3. **New Capital Outlay - Miscellaneous Purchases – Technology, Furniture, Fixtures & Equipment (TFFE)- \$6,528,500.00** This amount represents capital expenditures for both Rehabilitation & Replacement (R&R) and Expansion. Detailed explanations will be covered further under the New Capital Outlays budget in part II herein below.

4. **New Capital Outlay – CIP (WUF) \$19,308,000.00** This amount represents the proposed CIP for both Rehabilitation & Replacement (R&R) and Expansion. A detailed explanation will be covered further under the New Capital Outlays budget in part II herein below.

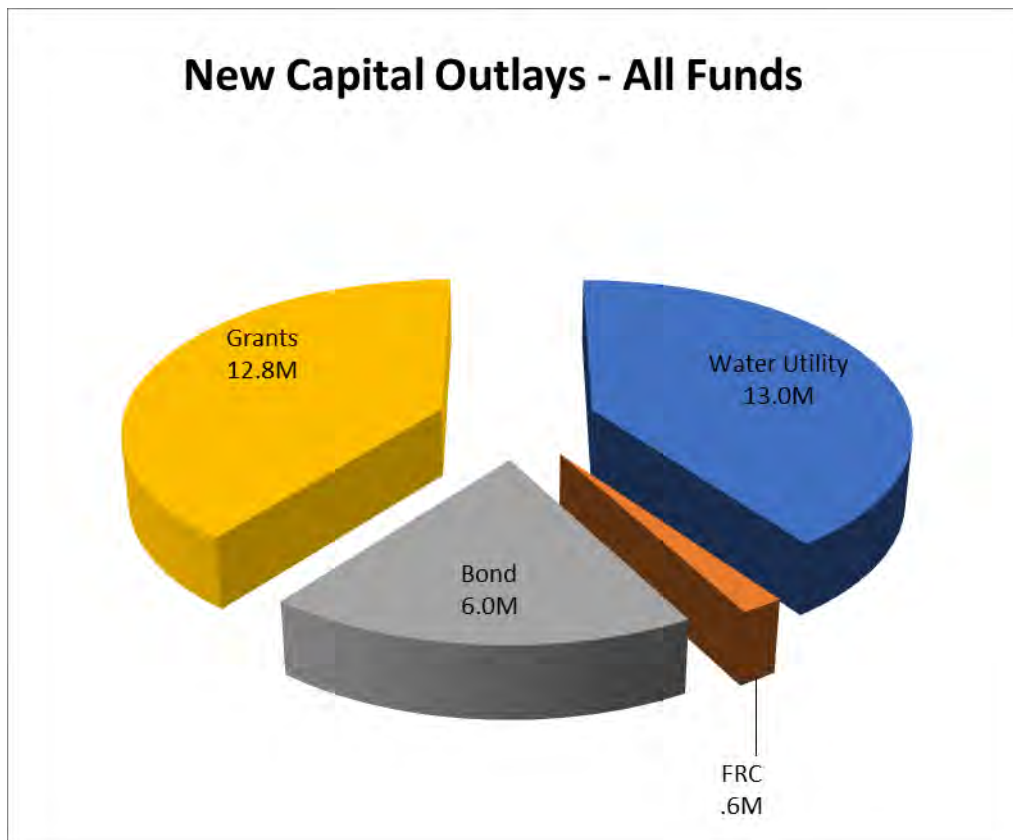
5. **Reserve Transfers – None currently.** The proposed board policy # 31 known as “Reserve Funds” was approved by the board to replace Board Policies 26 & 27. All the approved uses of the emergency reserve fund and debt service reserve fund remain with the additional provision to use the reserve funds for unfunded non-recurring costs.

II. New Capital Outlay – All Funds - \$25,918,000.00

In addition to the operating expenses, debt service and reserve transfers, the DOW has a separate new capital outlay budget. Below is a detailed breakdown of the New Capital Outlay budget.

The DOW Capital Outlays are funded from the different DOW funds based on the purpose/s of the project. The purpose is identified in two categories: **Expansion projects or Rehabilitation & Replacement (“R&R”)**. A single project can be categorized as “Expansion” or “R&R” or both. Once the project manager identifies the purpose/s of the project, the funding source is assigned. The DOW maintains four (4) different funds as follows:

- 1.1 Water Utility Fund (WUF)
- 1.2 Facility Reserve Charge (FRC) Fund
- 1.3 Build America Bond (BAB) Fund
- 1.4 Grants Fund



The Proposed Capital Outlay budget is categorized and funded below as follows:

1. Capital Outlay / Water Utility Fund: \$13,036,500.00

1.1 Miscellaneous Capital Purchases – Technology, Furniture, Fixtures & Equipment (TFFE) - \$6,528,500.00 This amount represents both R&R and Expansion as follows:

- A replacement budget of \$5.54 M consists of the following:
 - Information Technology (IT) budget - \$179K for various IT replacements.
 - Engineering - CM budget for miscellaneous building permits - \$10K.
 - Fiscal –billing budget - \$50K is a carry over of the previous year’s budget for lobby assessment to address acoustics & slippery surface floor.
 - Operations budget - \$5.3M for the following: Partial cost – Meter Replacement Program for \$4.9M and Equipment purchases; one (1) skid steer loader @ \$95K, 1-skid sprayer @ \$4.5K, 1-medium duty Truck @ \$65K, 1-emergency Generator @ \$110K and 1-mini-Excavator @ \$125K.

- Miscellaneous purchases budget of \$990K consists of the following:
 - Information Technology budget - \$90K budget to implement Laser Fisch.
 - Engineering - CM budget for miscellaneous building permits - \$10K
 - Fiscal – Billing to procure a new billing system @ \$750K and a Kiosk @ \$25K.
 - Operations budget - \$115K to purchase three new equipment: 2-light duty pickup truck @ \$55K and \$45K and a pipe locator @ \$15K.

1.2 Capital Outlay/WUF- Capital Improvement Projects (CIP): R&R - \$6,508,000.00

- R&R – Engineering - \$ 8,000.00 proposed budget for Permit Fees.

- R&R – Construction Management - \$6,500,000.00 proposed budget consists of the following:
 - Yamada Tank, Clear well connecting PL - \$3M.
 - Kilauea 1 & 2 MCC - \$2.4M.
 - Kukuilono tank demo - \$ 1.1M.

1.3 Capital Outlay/WUF - CIP: Expansion – None

2. Capital Outlay/Grants – CIP: R&R - \$12,800,000.

2.1 Capital Outlay/WUF - CIP: Expansion

- R&R – Construction Management – The \$12,800,000.00 proposed budget consists of the following:
 - Yamada Tank, Clear well connecting PL - \$10.2M.
 - Kilauea 1 & 2 MCC - \$2.6M.

3. Capital Outlay/ FRC Fund – \$610,000.

3.1 Expansion - Design – \$450,000.00

- Develop Kapa’a well No. 4 site improvement - \$ 450K

3.2 Expansion – Construction - \$160,000.00

- Wainiha Well #4 \$160K.

4. Capital Outlay / BAB Fund- \$6,000,000.00

4.1 R&R - None

4.2 Expansion - Construction. -\$ 6,000,000.00

- Kalaheo 1111' & 1112' WS Improvement Pkg. A, B, C - \$6M.

II. Rollover of Outstanding Purchase Orders (PO).

A summary of Purchase Orders (“PO”) rollovers for unexpended encumbrances such as Contracts and Purchase Orders will be submitted as a supplemental budget under a separate cover after the financial closing of FY 2021 is completed.

Thank you for your time and attention to these matters. We look forward to working together with you on the proposed budget.

MY:ein

March 2021/Proposed Operating and Capital Budgets for FY 2021-2022 (3-25-21):ein

Fund Balance Projections

Fund Balance Projections							
	Water Utility General Fund	WURF (30% of Previous Years' Last Audited Operating Revenue)	Grants Fund	**Facility Reserve Charge Fund	BAB Fund	SRF Funds	TOTAL
Cash, Investments & Receivables as of 1/31/2021	\$44,733,383	\$9,300,000	\$0	\$3,130,756	\$9,888,039	\$0	\$67,052,177
Encumbrances - PO & Contracts (-)	\$14,145,049		\$1,375,711	\$695,883	\$1,764,256		\$17,980,899
Current Liabilities, excluding Debt (-)	\$5,418,262						\$5,418,262
Estimated Available Resources for Budget Appropriation - 7/1/21	\$25,170,072	\$9,300,000	-\$1,375,711	\$2,434,873	\$8,123,782	\$0	\$43,653,016
Revenues	\$43,579,564		\$0	\$1,040,291	\$35,000	\$4,900,000	\$49,554,855
Transfers In	\$7,200,000		\$15,375,711		\$0		\$22,575,711
Transfers (Out)	-\$15,375,711	-\$300,000		-\$2,000,000	\$0	-\$4,900,000	-\$22,575,711
Adjusted Balance	\$60,573,925	\$9,000,000	\$14,000,000	\$1,475,164	\$8,158,782	\$0	\$93,207,871
Operating Expenses	\$29,940,733		\$0	\$0	\$0		\$29,940,733
Short Term Debt - Principal Repayment	\$5,170,095	\$0	\$0	\$0	\$0		\$5,170,095
Miscellaneous Capital Purchases - TFFE	\$6,528,500						\$6,528,500
New Capital Outlay - CIP	\$6,508,000	\$0	\$12,800,000	\$610,000	\$6,000,000		\$25,918,000
Projected Balances - 6/30/22	\$12,426,597	\$9,000,000	\$1,200,000	\$865,164	\$2,158,782	\$0	\$25,650,543

Note 1: FRC fund balance is not sufficient to fund the Proposed Capital Outlay - Expansion Projects. An Interfund transfer through a Manager's Report will be required in order to proceed with any of the FRC Capital Outlay - Expansion projects.

Calculation of DOW Reserves:	Base Calculation	Reserve Maintenance Calculation	Required Balance	Budget Required FY 2022
Reserve Fund = 30% of Revenues based from the prior year's Audited FS. Net of non-cash revenue and expense - Fire Protection Vs County's contra claim	26,838,746	8,051,624		\$0
Insurance deductible	1,000,000			
DSR = 50% of annual DSR budget	2,585,047			
ER = 25% of OE, net of non cash expenditures (PY)	5,400,507	8,985,555	8,985,555	\$9,000,000
				\$9,000,000

Revenue Summary

		FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual	FY 2021-2022 Projected Revenues (option 1)
REVENUES							
Water Utility Fund		\$36,894,780	\$34,762,769	\$31,891,765	\$31,563,000	\$19,125,126	\$43,579,564
10-00-00-400-000	Water Sales	\$27,959,468	\$26,929,850	\$26,672,943	\$22,993,488	\$16,917,747	\$24,960,376
10-00-00-405-000	Revenue from Public Fire Protection	\$2,174,298	\$2,136,510	\$2,174,298	\$2,174,298	\$1,449,532	\$2,174,298
10-00-00-410-000	Other Water Revenue	\$348,905	\$250,000	\$140,291	\$300,000	\$99,284	\$300,000
10-00-00-430-000	Federal Grants (FEMA)	\$32,228	\$828,535		\$828,535	\$0	\$0
10-00-00-432-000	State Grants	\$3,754,453	\$3,800,000	\$1,369,959	\$4,500,000	\$0	\$14,000,000
10-00-00-440-000	Capital Contributions - Cash Receipts	\$586,575	\$611,874	\$566,738	\$560,679	\$373,865	\$1,936,390
10-00-00-453-000	Net Increase / Decrease in Fair Value of Investments	\$1,150,866	\$0	\$0		\$12,017	\$0
10-00-00-461-000	Investment Income	\$812,034	\$200,000	\$941,506	\$200,000	\$270,394	\$200,000
10-00-00-470-000	Gain or Loss on Disposal of Capital Assets	\$0	\$5,000		\$5,000	\$0	\$5,000
10-00-00-480-000	Gain or Loss from the Retirement of Debt	\$0	\$0		\$0	\$0	\$0
10-00-00-490-000	Miscellaneous Revenues	\$75,953	\$1,000	\$26,030	\$1,000	\$2,287	\$3,500
Water Utility Fund Bond and Loan Proceeds		\$0	\$0		\$0		\$10,000,000
10-00-00-498-300	WU Bond Proceeds	\$0	\$0		\$0	\$0	\$0
10-00-00-499-600	WU/ Loan Proceeds - SRF Loan	\$0	\$0		\$0	\$0	\$10,000,000
FRC Fund		\$696,519	\$662,232	\$1,162,333	\$640,291	\$757,846	\$1,040,291
20-00-00-424-000	Facility Reserve Charge	\$437,130	\$400,000	\$919,445	\$400,000	\$755,559	\$800,000
20-00-00-430-000	Federal Grants	\$259,389	\$262,232	\$242,888	\$240,291	\$2,287	\$240,291
20-00-00-453-000	Net Increase / Decrease in Fair Value of Investments	\$0	\$0		\$0	\$0	\$0
20-00-00-461-000	Investment Income	\$0	\$0		\$0	\$0	\$0
Bond Fund		\$225,696	\$35,000	\$329,210	\$35,000	\$18,248	\$35,000
30-00-00-453-000	Net Increase / Decrease in Fair Value of Investments	-\$13,847	-\$30,000	\$170,623	-\$30,000	-\$75,804	-\$30,000
30-00-00-461-000	Investment Income (Net of custodial fees & other investment cost)	\$239,543	\$65,000	\$158,587	\$65,000	\$94,051	\$65,000
SRF Fund		\$0	\$0				
60-00-00-430-000	SRF - Federal Grants	\$0	\$0		\$0		\$0
60-00-00-453-000	Net Increase / Decrease in Fair Value of Investments	\$0	\$0		\$0		\$0

Operating Expense Summary

		FY 2018 - 2019 Actual	FY 2019-2020 Budget	FY 2019 - 2020 Actual	FY 2020-2021 Budget	FY 2020 - 2021 YTD Actual Exp. - As of 2/28/21	FY 2021-2022 Proposed Budget
OPERATING EXPENSES							
Water Utility Fund		\$22,640,351	\$29,527,971	\$25,837,255	\$27,689,418	\$14,733,673	\$29,940,733
510-010	Salaries & Wages (Regular & Compensated Leave)	\$5,329,149	\$7,065,711	\$5,724,655	\$6,394,682	\$3,637,578	\$7,384,782
510-020	Temporary Assignment	\$86,571	\$71,000	\$88,898	\$60,500	\$57,161	\$60,500
510-030	Overtime	\$497,658	\$486,000	\$554,465	\$477,000	\$407,113	\$477,000
510-040	Standby Pay	\$192,126	\$195,000	\$206,280	\$195,000	\$138,445	\$195,000
520-040	Vacation & Compensatory Time Pay out	\$21,812	\$100,000	\$32,014	\$100,000	\$0	\$100,000
530-010	FICA Taxes	\$447,135	\$605,705	\$460,511	\$552,879	\$328,827	\$628,622
530-020	Retirement Contributions	\$1,108,853	\$1,731,996	\$4,136,843	\$1,723,724	\$1,013,717	\$1,961,348
530-030	Life and Health Insurance	\$517,237	\$611,045	\$530,772	\$643,445	\$377,679	\$683,306
530-040	Workers Compensation	\$0	\$0	\$0	\$0	\$0	\$0
530-050	Unemployment Compensation	\$0	\$15,000	\$0	\$0	\$0	\$0
530-060	Post Employment Benefits (OPEB)	\$1,223,378	\$1,077,000	\$1,041,000	\$1,077,000	\$789,394	\$1,143,000
540-010	Professional Services - General	\$1,534,881	\$3,643,351	\$2,243,026	\$3,411,801	\$1,006,828	\$4,107,150
540-020	Professional Services - Accounting and Auditing	\$58,668	\$106,800	\$69,900	\$106,800	\$72,000	\$106,800
541-010	Other Services - General	\$33,209	\$64,478	\$40,503	\$50,988	\$29,612	\$51,800
541-020	Other Services - Billing Costs	\$143,393	\$206,658	\$117,017	\$179,418	\$74,932	\$214,556
542-010	Public Relations - General	\$78,061	\$80,089	\$91,950	\$115,725	\$24,257	\$82,900
542-020	Procurement Advertising	\$0	\$10,000	\$8,127	\$10,000	\$12,683	\$10,000
543-000	Communication Services	\$111,602	\$127,144	\$117,611	\$130,444	\$75,367	\$138,780
544-000	Freight and Postage Services	\$3,891	\$16,370	\$2,152	\$14,370	\$3,482	\$4,600
545-000	Rentals and Leases	\$80,159	\$131,075	\$65,845	\$131,075	\$44,282	\$134,100
546-000	Insurance	\$62,466	\$395,000	\$99,701	\$155,000	\$5,000	\$155,000
547-000	County Service Charge	\$2,174,298	\$2,136,510	\$2,174,298	\$2,174,298	\$1,449,532	\$2,174,298
551-000	Utility Services	\$2,730,889	\$2,862,624	\$2,425,709	\$2,863,878	\$1,625,113	\$2,863,878
560-000	Repairs and Maintenance - Water System	\$151,433	\$221,000	\$308,397	\$211,000	\$18,720	\$211,000
561-000	Repairs and Maintenance - Other than Water System	\$452,061	\$700,750	\$500,203	\$704,900	\$379,073	\$1,077,300
562-000	Office Supplies	\$20,307	\$22,000	\$11,901	\$22,000	\$9,966	\$22,000
563-000	Operating Supplies	\$962,750	\$1,356,300	\$884,929	\$941,800	\$600,190	\$944,220
564-000	Fuel	\$101,324	\$115,500	\$105,941	\$122,500	\$44,277	\$122,500
565-000	Bulk Water Purchase	\$1,225,770	\$1,816,176	\$1,546,547	\$1,820,176	\$485,137	\$1,820,176
570-010	Books, Publications, Subscriptions, and Memberships	\$10,807	\$32,845	\$21,328	\$70,500	\$22,694	\$27,630
570-020	Books, Publications, Subscriptions, and Memberships - Boa	\$450	\$1,095	\$300	\$1,095	\$0	\$595
571-010	Training and Development	\$72,074	\$80,880	\$38,964	\$83,600	\$10,111	\$85,650
572-010	Travel and Per Diem	\$46,443	\$106,610	\$47,076	\$55,660	\$0	\$59,900
572-020	Travel and Per Diem - Board	\$6,139	\$20,970	\$0	\$0	\$0	\$7,280
573-010	Meeting Expense	\$8,683	\$37,290	\$13,067	\$20,927	\$203	\$22,200
573-020	Meeting Expense - Board	\$7,609	\$9,952	\$1,037	\$0	\$0	\$2,000
582-000	Interest Expense	\$3,139,065	\$3,268,048	\$2,126,288	\$3,067,232	\$1,990,302	\$2,860,863
Water Utility Fund - Bond and Loan Proceeds and Repayment		\$4,883,749	\$5,017,034	\$5,031,869	\$5,160,541	\$4,704,260	\$5,170,095

Operating Expense Summary

		FY 2018 - 2019 Actual	FY 2019-2020 Budget	FY 2019 - 2020 Actual	FY 2020-2021 Budget	FY 2020 - 2021 YTD Actual Exp. - As of 2/28/21	FY 2021-2022 Proposed Budget
OPERATING EXPENSES							
682-000	Debt Principal Repayment	\$4,883,749	\$5,017,034	\$5,031,869	\$5,160,541	\$4,704,260	\$5,170,095
Water Utility Fund - Non Budgetary Operating Expenses		\$6,906,633	\$8,014,750	\$7,232,012	\$7,252,653	\$4,798,805	\$7,942,735
580-000	Depreciation	\$6,153,980	\$7,314,750	\$7,000,563	\$6,500,000	\$4,642,489	\$7,190,082
581-000	Amortization	\$752,653	\$700,000	\$231,449	\$752,653	\$156,315	\$752,653
580-000	Inflows/Outflows	-\$41,932	-\$41,932	-\$41,932	-\$41,932	-\$27,954	-\$41,932

Items 601, 602 and 682 are balance sheet items that are tracked as revenues and expenses for convenience during the year.

Operating Expense Detail

		FY 2018-2019 Actual	FY 2019 - 2020 Actual	FY 2020-2021 Budget	FY 2020 - 2021 Actual	FY 2021-2022 Proposed Budget
OPERATING EXPENSES (Detail)						
Water Utility Fund Operating Expenses		\$22,640,351	\$25,837,255	\$27,689,418	\$14,733,673	\$29,940,733
510-010	Salaries and Wages (includes compensated annual leaves and comp time.)	\$5,329,149	\$5,724,655	\$6,394,682	\$3,637,578	\$7,384,782
0-01-10-510-010	WU - Admin - Admin - Salaries and Wages	\$655,545	\$670,639	\$667,182	\$417,433	\$950,536
0-02-10-510-010	WU - IT - Admin - Salaries and Wages	\$193,677	\$106,481	\$206,503	\$18,507	\$237,312
0-10-40-510-010	WU - Qual - Purification - Salaries and Wages	\$235,476	\$247,436	\$254,442	\$150,493	\$250,080
0-20-10-510-010	WU - Eng - Admin - Salaries and Wages	\$195,246	\$244,196	\$219,011	\$125,702	\$316,296
0-21-10-510-010	WU - Const - Admin - Salaries and Wages	\$364,817	\$466,552	\$477,881	\$294,420	\$571,188
0-22-10-510-010	WU - Plan - Admin - Salaries and Wages	\$462,861	\$475,072	\$468,708	\$180,486	\$536,952
0-30-20-510-010	WU - Bill - Collection - Salaries and Wages	\$458,705	\$430,675	\$544,666	\$304,698	\$532,668
0-31-10-510-010	WU - Acctg - Admin - Salaries and Wages	\$454,216	\$486,956	\$622,746	\$297,103	\$607,512
0-40-30-510-010	WU - Ops - Source - Salaries and Wages	\$301,732	\$396,387	\$464,124	\$291,557	\$534,696
0-40-40-510-010	WU - Ops - Purification - Salaries and Wages	\$143,360	\$172,497	\$227,005	\$129,098	\$284,034
0-40-50-510-010	WU - Ops - PowerAndPump - Salaries and Wages	\$187,056	\$195,718	\$197,017	\$133,228	\$201,793
0-40-60-510-010	WU - Ops - TandD - Salaries and Wages	\$1,676,459	\$1,832,047	\$2,045,398	\$1,294,854	\$2,361,715
510-020	Temporary Assignment	\$86,571	\$88,898	\$60,500	\$57,161	\$60,500
0-01-10-510-020	WU - Admin - Admin - Temporary Assignment	\$9,395	\$4,882	\$2,000	\$3,655	\$2,000
0-02-10-510-020	WU - IT - Admin - Temporary Assignment	\$2,365	\$19,423	\$500	\$2,890	\$500
0-10-40-510-020	WU - Qual - Purification - Temporary Assignment	\$1,105	\$1,058	\$1,500	\$19	\$1,500
0-20-10-510-020	WU - Eng - Admin - Temporary Assignment	\$6,705	\$1,106	\$1,000	\$867	\$1,000
0-21-10-510-020	WU - Const - Admin - Temporary Assignment	\$0	\$0	\$2,000	\$1,177	\$2,000
0-22-10-510-020	WU - Plan - Admin - Temporary Assignment	\$5,646	\$4,491	\$5,000	\$8,443	\$5,000
0-30-20-510-020	WU - Bill - Collection - Temporary Assignment	\$5,554	\$10,871	\$5,000	\$3,327	\$5,000
0-31-10-510-020	WU - Acctg - Admin - temporary Assignment	\$9,090	\$7,317	\$10,000	\$6,739	\$10,000
0-40-30-510-020	WU - Ops - Source - Temporary Assignment	\$6,506	\$2,899	\$3,000	\$1,168	\$3,000
0-40-40-510-020	WU - Ops - Purification - Temporary Assignment	\$2,089	\$4,914	\$1,500	\$291	\$1,500
0-40-50-510-020	WU - Ops - PowerAndPump - Temporary Assignment	\$5,770	\$4,235	\$4,000	\$5,894	\$4,000
0-40-60-510-020	WU - Ops - TandD -Temporary Assignment	\$32,346	\$27,703	\$25,000	\$22,690	\$25,000
510-030	Overtime	\$497,658	\$554,465	\$477,000	\$407,113	\$477,000
0-01-10-510-030	WU - Admin - Admin - Overtime	\$24,219	\$29,160	\$30,000	\$9,880	\$30,000
0-02-10-510-030	WU - IT - Admin - Overtime	\$33,358	\$25,170	\$30,000	\$621	\$30,000
0-10-40-510-030	WU - Qual - Purification - Overtime	\$207	\$3,759	\$3,000	\$514	\$3,000
0-20-10-510-030	WU - Eng - Admin - Overtime	\$8,088	\$4,675	\$10,000	\$4,618	\$10,000
0-21-10-510-030	WU - Const - Admin - Overtime	\$10,832	\$4,274	\$15,000	\$911	\$15,000
0-22-10-510-030	WU - Plan - Admin - Overtime	\$12,016	\$71,189	\$15,000	\$78,531	\$15,000
0-30-20-510-030	WU - Bill - Collection - Overtime	\$65,850	\$44,120	\$60,000	\$8,772	\$60,000
0-31-10-510-030	WU - Acctg - Admin - Overtime	\$49,116	\$62,251	\$60,000	\$39,569	\$60,000
0-40-30-510-030	WU - Ops - Source - Overtime	\$3,711	\$4,834	\$6,000	\$12,620	\$6,000
0-40-40-510-030	WU - Ops - Purification - Overtime	\$35,655	\$36,978	\$30,000	\$18,384	\$30,000
0-40-50-510-030	WU - Ops - PowerAndPump - Overtime	\$15,224	\$18,525	\$8,000	\$10,531	\$8,000

Operating Expense Detail

		FY 2018-2019 Actual	FY 2019 - 2020 Actual	FY 2020-2021 Budget	FY 2020 - 2021 Actual	FY 2021-2022 Proposed Budget
OPERATING EXPENSES (Detail)						
0-40-60-510-030	WU - Ops - TandD - Overtime	\$239,383	\$249,530	\$210,000	\$222,161	\$210,000
510-040	Standby Pay	\$192,126	\$206,280	\$195,000	\$138,445	\$195,000
0-01-10-510-040	WU - Admin - Admin - Standby Pay	\$0	\$0	\$0	\$0	\$0
0-40-40-510-040	WU - Ops - Purification - Standby Pay	\$8,338	\$8,731	\$10,000	\$7,056	\$10,000
0-40-50-510-040	WU - Ops - PowerAndPump - Standby Pay	\$0	\$0	\$0	\$0	\$0
0-40-60-510-040	WU - Ops - TandD - Standby Pay		\$197,549	\$185,000	\$131,389	\$185,000
520-040	Vacation & Compensatory Time Payout	\$21,812	\$32,014	\$100,000	\$0	\$100,000
0-01-10-520-040	WU - Admin - Admin - Vacation Payout	\$21,812	\$32,014	\$90,000	\$0	\$90,000
0-01-10-520-040	WU - Admin - Admin - Compensatory Time Payout	\$0	\$0	\$10,000	\$0	\$10,000
530-010	FICA Taxes	\$447,135	\$460,511	\$552,879	\$328,827	\$628,622
0-01-10-530-010	WU - Admin - Admin - FICA	\$49,371	\$45,581	\$61,137	\$30,738	\$82,814
0-02-10-530-010	WU - IT - Admin - FICA	\$20,666	\$11,791	\$18,131	\$2,400	\$20,488
0-10-40-530-010	WU - Qual - Purification - FICA	\$17,640	\$17,925	\$19,809	\$13,262	\$19,475
0-20-10-530-010	WU - Eng - Admin - FICA	\$15,553	\$18,030	\$17,596	\$11,626	\$25,038
0-21-10-530-010	WU - Const - Admin - FICA	\$27,352	\$32,605	\$37,858	\$22,967	\$44,996
0-22-10-530-010	WU - Plan - Admin - FICA	\$33,338	\$39,807	\$37,386	\$21,354	\$42,607
0-30-20-530-010	WU - Bill - Collection - FICA	\$39,089	\$31,979	\$46,639	\$26,779	\$45,722
0-31-10-530-010	WU - Acctg - Admin - FICA	\$39,291	\$39,100	\$52,995	\$27,102	\$51,830
0-40-30-530-010	WU - Ops - Source - FICA	\$22,091	\$28,196	\$36,194	\$22,300	\$41,593
0-40-40-530-010	WU - Ops - Purification - FICA	\$14,514	\$16,711	\$20,541	\$11,541	\$24,903
0-40-50-530-010	WU - Ops - PowerAndPump - FICA	\$14,807	\$15,718	\$15,990	\$10,853	\$16,355
0-40-60-530-010	WU - Ops - TandD - FICA	\$153,423	\$163,067	\$188,603	\$127,906	\$212,801
530-020	Retirement Contributions	\$1,108,853	\$4,136,843	\$1,723,724	\$1,013,717	\$1,961,348
0-01-10-530-020	WU - Admin - Admin - Retirement Contributions	\$124,236	\$414,583	\$181,004	\$97,629	\$249,009
0-02-10-530-020	WU - IT - Admin - Retirement Contributions	\$45,213	\$90,215	\$56,881	\$6,601	\$64,275
0-10-40-530-020	WU - Qual - Purification - Retirement Contributions	\$44,593	\$165,329	\$62,146	\$42,290	\$61,099
0-20-10-530-020	WU - Eng - Admin - Retirement Contributions	\$39,532	\$161,832	\$55,203	\$37,010	\$78,551
0-21-10-530-020	WU - Const - Admin - Retirement Contributions	\$69,885	\$304,848	\$118,771	\$73,725	\$141,165
0-22-10-530-020	WU - Plan - Admin - Retirement Contributions	\$89,626	\$366,997	\$117,290	\$72,643	\$133,668
0-30-20-530-020	WU - Bill - Collection - Retirement Contributions	\$97,206	\$307,558	\$146,320	\$87,278	\$143,440
0-31-10-530-020	WU - Acctg - Admin - Retirement Contributions	\$93,877	\$357,868	\$166,259	\$85,852	\$162,603
0-40-30-530-020	WU - Ops - Source - Retirement Contributions	\$58,380	\$270,995	\$113,550	\$73,698	\$130,487
0-40-40-530-020	WU - Ops - Purification - Retirement Contributions	\$38,743	\$153,525	\$64,441	\$34,405	\$78,128
0-40-50-530-020	WU - Ops - PowerAndPump - Retirement Contributions	\$38,375	\$149,447	\$50,164	\$35,437	\$51,310
0-40-60-530-020	WU - Ops - TandD - Retirement Contributions	\$369,187	\$1,393,647	\$591,696	\$367,148	\$667,611
530-030	Life and Health Insurance	\$517,237	\$530,772	\$643,445	\$377,679	\$683,306
0-01-10-530-030	WU - Admin - Admin - Life and Health Insurance	\$53,981	\$50,091	\$55,213	\$30,862	\$61,093
0-02-10-530-030	WU - IT - Admin - Life and Health Insurance	\$16,226	\$14,452	\$23,145	\$3,600	\$16,052
0-10-40-530-030	WU - Qual - Purification - Life and Health Insurance	\$10,508	\$11,099	\$10,940	\$7,571	\$11,232
0-20-10-530-030	WU - Eng - Admin - Life and Health Insurance	\$16,851	\$19,423	\$20,034	\$11,229	\$28,477

Operating Expense Detail

		FY 2018-2019 Actual	FY 2019 - 2020 Actual	FY 2020-2021 Budget	FY 2020 - 2021 Actual	FY 2021-2022 Proposed Budget
OPERATING EXPENSES (Detail)						
0-21-10-530-030	WU - Const - Admin - Life and Health Insurance	\$36,660	\$43,482	\$54,910	\$29,360	\$43,262
0-22-10-530-030	WU - Plan - Admin - Life and Health Insurance	\$55,763	\$53,012	\$67,261	\$26,175	\$64,083
0-30-20-530-030	WU - Bill - Collection - Life and Health Insurance	\$44,203	\$41,308	\$61,712	\$31,811	\$50,161
0-31-10-530-030	WU - Acctg - Admin - Life and Health Insurance	\$40,366	\$42,397	\$49,379	\$32,198	\$61,451
0-40-30-530-030	WU - Ops - Source - Life and Health Insurance	\$30,314	\$31,001	\$30,902	\$26,276	\$48,463
0-40-40-530-030	WU - Ops - Purification - Life and Health Insurance	\$9,186	\$9,346	\$20,034	\$5,959	\$13,890
0-40-50-530-030	WU - Ops - PowerAndPump - Life and Health Insurance	\$18,333	\$19,354	\$19,184	\$13,228	\$19,694
0-40-60-530-030	WU - Ops - TandD - Life and Health Insurance	\$184,846	\$195,808	\$230,730	\$159,408	\$265,448
530-040	Workers Compensation	\$0	\$0	\$0	\$0	\$0
530-050	Unemployment Compensation	\$0	\$0	\$0	\$0	\$0
530-060	Post-Employment Benefits (OPEB)	\$1,223,378	\$1,041,000	\$1,077,000	\$789,394	\$1,143,000
0-01-10-530-060	WU - Admin - Admin - OPEB	\$134,576	\$121,952	\$112,368	\$90,588	\$147,122
0-02-10-530-060	WU - IT - Admin - OPEB	\$48,458	\$19,363	\$34,779	\$4,016	\$36,731
0-10-40-530-060	WU - Qual - Purification - OPEB	\$47,644	\$44,995	\$42,853	\$32,659	\$38,707
0-20-10-530-060	WU - Eng - Admin - OPEB	\$42,234	\$44,406	\$36,886	\$27,279	\$48,956
0-21-10-530-060	WU - Const - Admin - OPEB	\$75,284	\$84,840	\$80,485	\$63,892	\$88,407
0-22-10-530-060	WU - Plan - Admin - OPEB	\$95,758	\$86,389	\$78,940	\$39,167	\$83,108
0-30-20-530-060	WU - Bill - Collection - OPEB	\$106,848	\$78,316	\$91,733	\$66,123	\$82,445
0-31-10-530-060	WU - Acctg - Admin - OPEB	\$102,064	\$88,551	\$104,884	\$64,475	\$94,029
0-40-30-530-060	WU - Ops - Source - OPEB	\$62,815	\$72,081	\$78,168	\$63,271	\$82,759
0-40-40-530-060	WU - Ops - Purification - OPEB	\$41,476	\$31,368	\$38,232	\$28,016	\$43,962
0-40-50-530-060	WU - Ops - PowerAndPump - OPEB	\$41,478	\$35,590	\$33,182	\$28,912	\$31,233
0-40-60-530-060	WU - Ops - TandD - OPEB	\$424,743	\$333,149	\$344,488	\$280,997	\$365,541
540-010	Professional Services - General	\$1,534,881	\$2,243,026	\$3,411,801	\$1,006,828	\$4,107,150
0-01-10-540-010	WU - Admin - Admin - Professional Services - General	\$135,925	\$199,852	\$383,800	\$60,570	\$325,300
0-02-10-540-010	WU - IT - Admin - Professional Services - General	\$95,363	\$526,502	\$60,000	\$440,150	\$65,000
0-10-40-540-010	WU - Qual - Purification - Professional Services - General	\$61,812	\$103,957	\$36,400	\$27,271	\$45,250
0-20-10-540-010	WU - Eng - Admin - Professional Services - General	\$296,451	\$445,056	\$615,000	\$202,018	\$245,000
0-21-10-540-010	WU - Const - Admin - Professional Services - General	\$625,038	\$530,630	\$50,000	\$263,179	\$1,000,000
0-22-10-540-010	WU - Plan - Admin - Professional Services - General	\$237,171	\$430,041	\$1,785,000	\$6,240	\$1,635,000
0-30-20-540-010	WU - Bill - Collection - Professional Services - General	\$56,245	\$0	\$100,000	\$0	\$0
0-31-10-540-010	WU - Acctg - Admin - Professional Services - General	\$56,877	\$6,988	\$381,600	\$7,400	\$241,600
0-40-60-540-010	WU - Ops - TandD - Professional Services - General	\$0	\$0	\$1	\$0	\$550,000
540-020	Professional Services - Accounting and Auditing	\$58,668	\$69,900	\$106,800	\$72,000	\$106,800
0-31-10-540-020	WU - Acctg - Admin - Professional Services - Accounting and Auditing	\$58,668	\$69,900	\$106,800	\$72,000	\$106,800
541-010	Other Services	\$33,209	\$40,503	\$50,988	\$29,612	\$51,800
0-01-10-541-010	WU - Admin - Admin - Other Services	\$1,966	\$10,834	\$1,188	\$938	\$1,500
0-30-20-541-010	WU - Bill - Collection - Other Services	\$20,918	\$15,083	\$26,700	\$14,158	\$26,700
0-31-10-541-010	WU - Acctg - Admin - Other Services	\$10,031	\$13,924	\$21,600	\$14,222	\$21,600
0-40-60-541-010	WU - Ops - TandD - Other Services	\$294	\$662	\$1,500	\$294	\$2,000

Operating Expense Detail

		FY 2018-2019 Actual	FY 2019 - 2020 Actual	FY 2020-2021 Budget	FY 2020 - 2021 Actual	FY 2021-2022 Proposed Budget
OPERATING EXPENSES (Detail)						
541-020	Billing Costs	\$143,393	\$117,017	\$179,418	\$74,932	\$214,556
0-30-20-541-020	WU - Bill - Collection - Billing Costs	\$143,393	\$117,017	\$179,418	\$74,932	\$214,556
542-010	Public Relations - General	\$78,061	\$91,950	\$115,725	\$24,257	\$82,900
0-01-10-542-010	WU - Admin - Admin - Public Relations - General	\$78,061	\$91,950	\$115,725	\$24,257	\$82,900
542-020	Procurement Advertising	\$0	\$8,127	\$10,000	\$12,683	\$10,000
0-01-10-542-020	WU - Admin - Admin - Procurement Advertising	\$0	\$8,127	\$10,000	\$12,683	\$10,000
543-000	Communication Services	\$111,602	\$117,611	\$130,444	\$75,367	\$138,780
0-02-10-543-000	WU - IT - Admin - Communication Services	\$76,667	\$74,341	\$83,360	\$63,177	\$91,696
0-02-50-543-000	WU - IT - PowerAndPump - Communication Services	\$34,720	\$43,270	\$47,084	\$12,139	\$47,084
0-40-50-543-000	WU - Ops - PowerAndPump - Communication Services	\$215	\$0	\$0	\$51	\$0
544-000	Freight and Postage	\$3,891	\$2,152	\$14,370	\$3,482	\$4,600
0-01-10-544-000	WU - Admin - Admin - Freight and Postage	\$2,113	\$1,412	\$12,870	\$2,070	\$3,100
0-02-10-544-000	WU - IT - Admin - Freight and Postage	\$5	\$0	\$0	\$1,000	\$0
0-10-40-544-000	WU - Qual - Purification - Freight and Postage	\$1,772	\$740	\$1,500	\$412	\$1,500
545-000	Rentals and Leases	\$80,159	\$65,845	\$131,075	\$44,282	\$134,100
0-01-10-545-000	WU - Admin - Admin - Rentals and Leases	\$20,594	\$21,171	\$50,900	\$14,999	\$50,900
0-02-10-545-000	WU - IT - Admin - Rentals and Leases	\$20,661	\$22,380	\$30,175	\$5,329	\$33,200
0-40-60-545-000	WU - Ops - TandD - Rentals and Leases	\$38,903	\$22,294	\$50,000	\$23,953	\$50,000
546-000	Insurance	\$62,466	\$99,701	\$155,000	\$5,000	\$155,000
0-01-10-546-000	WU - Admin - Admin - Insurance	\$62,466	\$99,701	\$155,000	\$5,000	\$155,000
547-000	County Service Charge	\$2,174,298	\$2,174,298	\$2,174,298	\$1,449,532	\$2,174,298
0-00-10-547-000	WU - County Service Charge	\$2,174,298	\$2,174,298	\$2,174,298	\$1,449,532	\$2,174,298
551-000	Utility Services	\$2,730,889	\$2,425,709	\$2,863,878	\$1,625,113	\$2,863,878
0-01-10-551-000	WU - Admin - Admin - Utility Services	\$174,681	\$114,165	\$163,878	\$114,165	\$163,878
0-40-50-551-000	WU - Ops - PowerAndPump - Utility Services	\$2,556,208	\$2,311,544	\$2,700,000	\$1,510,948	\$2,700,000
560-000	Repairs and Maintenance - Water System	\$151,433	\$308,397	\$211,000	\$18,720	\$211,000
0-40-50-501-000	W/U - Ops - Powerand Pump - Emergency Repairs	\$18,987	\$1,641	\$0	\$0	\$0
0-40-50-560-000	WU - Ops - Source - Repairs and Maintenance - Water System	\$40,658	\$57,480	\$40,000	\$10,867	\$40,000
0-40-60-560-000	WU - Ops - TandD - Repairs and Maintenance - Water System	\$110,775	\$249,276	\$171,000	\$7,853	\$171,000
561-000	Repairs and Maintenance - Other than Water System	\$452,061	\$500,203	\$704,900	\$379,073	\$1,077,300
0-01-10-561-000	WU - Admin - Admin - Repairs and Maintenance - Other than Water System	\$18,987	\$1,641	\$0	\$6,803	\$0
0-02-10-561-000	WU - IT - Admin - Repairs and Maintenance - Other than Water System	\$355,365	\$386,466	\$90,700	\$221,423	\$547,100
0-10-40-561-000	WU - Qual - Purification - Repairs and Maintenance - Other than Water System	\$3,796	\$3,624	\$4,000	\$6,792	\$4,000
0-21-40-561-000	WU - Const - Admin - Repairs and Maintenance - Other than Water System	\$0	\$0	\$40,000	\$29,400	\$0
0-22-10-561-000	WU - Plan - Admin - Repairs and Maintenance - Other than Water System	\$0	\$0	\$6,500	\$0	\$0
0-30-20-561-000	WU - Bill-Collection - Repairs and Maintenance - Other than Water System	\$0	\$0	\$280,000	\$0	\$0
0-31-10-561-000	WU - Acctg - Admin - Repairs and Maintenance - Other than Water System	\$0	\$0	\$13,700	\$0	\$0
0-40-60-561-000	WU - Ops - TandD - Repairs and Maintenance - Other than Water System	\$73,912	\$108,472	\$270,000	\$114,655	\$526,200
562-000	Office Supplies	\$20,307	\$11,901	\$22,000	\$9,966	\$22,000
0-31-10-562-000	WU - Accounting - Admin - Office Supplies	\$20,307	\$11,901	\$22,000	\$9,966	\$22,000

Operating Expense Detail

		FY 2018-2019 Actual	FY 2019 - 2020 Actual	FY 2020-2021 Budget	FY 2020 - 2021 Actual	FY 2021-2022 Proposed Budget
OPERATING EXPENSES (Detail)						
563-000	Operating Supplies	\$962,750	\$884,929	\$941,800	\$600,190	\$944,220
0-01-10-563-000	WU - Admin - Admin - Operating Supplies	\$3,651	\$5,905	\$5,000	\$1,708	\$5,000
0-02-10-563-000	WU - IT - Admin - Operating Supplies	\$58,465	\$32,279	\$61,000	\$42,119	\$58,000
0-10-40-563-000	WU - Qual - Purification - Operating Supplies	\$24,910	\$13,225	\$18,000	\$4,779	\$15,000
0-20-10-563-000	WU - Eng - Admin - Operating Supplies	\$147	\$0	\$300	\$0	\$300
0-21-10-563-000	WU - Const - Admin - Operating Supplies	\$5,243	\$1,637	\$4,500	\$1,529	\$4,500
0-22-10-563-000	WU - Plan - Admin - Operating Supplies	\$332	\$162	\$500	\$1,117	\$1,000
0-30-20-563-000	WU - Bill - Collection - Operating Supplies	\$2,688	\$4,323	\$4,500	\$1,864	\$4,500
0-31-10-563-000	WU - Acctg - Admin - Operating Supplies	\$2,184	\$992	\$6,000	\$712	\$3,000
0-40-30-563-000	WU - Ops - Source - Operating Supplies	\$52,877	\$86,811	\$60,000	\$16,657	\$60,000
0-40-40-563-000	WU - Ops - Purification - Operating Supplies	\$115,070	\$98,154	\$91,000	\$44,796	\$101,920
0-40-50-563-000	WU - Ops - PowerAndPump - Operating Supplies	\$53,144	\$69,278	\$35,000	\$25,280	\$35,000
0-40-60-563-000	WU - Ops - TandD - Operating Supplies	\$590,894	\$560,290	\$255,000	\$243,829	\$255,000
0-40-50-563-010	WU - Ops - PowerAndPump - Operating Supplies - Invty. Stock	\$53,144	\$11,873	\$15,000	\$10,189	\$15,000
0-40-60-563-010	WU - Ops - TandD - Operating Supplie - Invty. Stock	\$0	\$0	\$386,000	\$205,610	\$386,000
564-000	Fuel	\$101,324	\$105,941	\$122,500	\$44,277	\$122,500
0-40-60-564-000	WU - Ops - TandD - Fuel	\$101,324	\$105,941	\$122,500	\$44,277	\$122,500
565-000	Bulk Water Purchase	\$1,225,770	\$1,546,547	\$1,820,176	\$485,137	\$1,820,176
0-40-30-565-000	WU - Ops - Source - Bulk Water Purchase (Reclass)	\$1,225,770	\$1,546,547	\$1,820,176	\$485,137	\$1,820,176
570-010	Books, Publications, Subscriptions, and Memberships	\$10,807	\$21,328	\$70,500	\$22,694	\$27,630
0-01-10-570-010	WU - Admin - Admin - Books, Publications, Subscriptions, and Memberships	\$9,237	\$19,441	\$25,240	\$12,697	\$21,270
0-02-10-570-010	WU - IT - Admin - Books, Publications, Subscriptions, and Memberships	\$318	\$962	\$39,200	\$9,162	\$500
0-10-40-570-010	WU - Qual - Purification - Books, Publications, Subscriptions, and Memberships	\$0	\$0	\$0	\$0	\$0
0-20-10-570-010	WU - Eng - Admin - Books, Publications, Subscriptions, and Memberships	\$0	\$0	\$0	\$0	\$0
0-21-10-570-010	WU - Const - Admin - Books, Publications, Subscriptions, and Memberships	\$1,052	\$775	\$1,550	\$685	\$850
0-22-10-570-010	WU - WRP - Admin - Books, Publications, Subscriptions, and Memberships	\$0	\$0	\$3,400	\$0	\$3,900
0-30-20-570-010	WU - Bill - Collection - Books, Publications, Subscriptions, and Memberships	\$0	\$0	\$350	\$0	\$350
0-31-10-570-010	WU - Acctg - Admin - Books, Publications, Subscriptions, and Memberships	\$200	\$150	\$760	\$150	\$760
570-020	Books, Publications, Subscriptions, and Memberships - Board	\$450	\$300	\$1,095	\$0	\$595
0-01-10-570-020	WU - Admin - Admin - Books, Publications, Subscriptions, and Memberships - E	\$450	\$300	\$1,095	\$0	\$595
571-010	Training and Development	\$72,074	\$38,964	\$83,600	\$10,111	\$85,650
0-01-10-571-010	WU - Admin - Admin - Training and Development	\$33,039	\$11,933	\$23,500	\$1,151	\$26,500
0-02-10-571-010	WU - IT - Admin - Training and Development	\$2,615	\$1,806	\$2,000	\$0	\$2,000
0-10-40-571-010	WU - Qual - Purification - Training and Development	\$0	\$60	\$1,600	\$0	\$1,600
0-20-10-571-010	WU - Eng - Admin - Training and Development	\$375	\$375	\$500	\$0	\$500
0-21-10-571-010	WU - Const - Admin - Training and Development	\$1,285	\$1,639	\$6,250	\$0	\$3,300
0-22-10-571-010	WU - Plan - Admin - Training and Development	\$11,050	\$1,100	\$16,000	\$0	\$18,000
0-30-20-571-010	WU - Bill - Collection - Training and Development	\$550	\$0	\$3,000	\$0	\$3,000
0-31-10-571-010	WU - Acctg - Admin - Training and Development	\$1,075	\$187	\$5,750	\$1,790	\$5,750
0-40-60-571-010	WU - Ops - TandD - Training and Development	\$22,085	\$21,864	\$25,000	\$7,169	\$25,000

Operating Expense Detail

		FY 2018-2019 Actual	FY 2019 - 2020 Actual	FY 2020-2021 Budget	FY 2020 - 2021 Actual	FY 2021-2022 Proposed Budget
OPERATING EXPENSES (Detail)						
572-010	Travel and Per Diem	\$46,443	\$47,076	\$55,660	\$0	\$59,900
0-01-10-572-010	WU - Admin - Admin - Travel and Per Diem	\$26,873	\$31,341	\$55,660	\$0	\$59,900
0-02-10-572-010	WU - IT - Admin - Travel and Per Diem	\$0	\$0	\$0	\$0	\$0
0-20-10-572-010	WU - Eng - Admin - Travel and Per Diem	\$0	\$225	\$0	\$0	\$0
0-21-10-572-010	WU - Const - Admin - Travel and Per Diem	\$0	\$2,195	\$0	\$0	\$0
0-22-10-572-010	WU - Plan - Admin - Travel and Per Diem	\$7,547	\$5,888	\$0	\$0	\$0
0-30-20-572-010	WU - Bill - Collection - Travel and Per Diem	\$1,365	\$1,809	\$0	\$0	\$0
0-31-10-572-010	WU - Acc - Admin - Travel and Per Diem	\$3,675	\$212	\$0	\$0	\$0
0-40-60-572-010	WU - Ops - TandD - Travel and Per Diem	\$6,983	\$5,406	\$0	\$0	\$0
572-020	Travel and Per Diem - Board	\$6,139	\$0	\$0	\$0	\$7,280
0-01-10-572-020	WU - Admin - Admin - Travel and Per Diem - Board	\$6,139	\$0	\$0	\$0	\$7,280
573-010	Meeting Expense	\$8,683	\$13,067	\$20,927	\$203	\$22,200
0-01-10-573-010	WU - Admin - Admin - Meeting Expense	\$4,158	\$8,987	\$19,877	\$203	\$17,500
0-02-10-573-010	WU - IT - Admin - Meeting Expense	\$0	\$0	\$0	\$0	\$0
0-20-10-573-010	WU - Eng - Admin - Meeting Expense	\$0	\$0	\$1,050	\$0	\$200
0-21-10-573-010	WU - Const - Admin - Meeting Expense	\$0	\$2,200	\$0	\$0	\$0
0-22-10-573-010	WU - WRP - Admin - Meeting Expense	\$0	\$880	\$0	\$0	\$4,500
0-30-20-573-010	WU - Bill - Collection - Meeting Expense	\$0	\$0	\$0	\$0	\$0
0-31-10-573-010	WU - Acctg - Admin - Meeting Expense	\$0	\$0	\$0	\$0	\$0
0-40-60-573-010	WU - Ops - TandD - Meeting Expense	\$4,525	\$1,000	\$0	\$0	\$0
573-020	Meeting Expense - Board	\$7,609	\$1,037	\$0	\$0	\$2,000
0-01-10-573-020	WU - Admin - Admin - Meeting Expense - Board	\$7,609	\$1,037	\$0	\$0	\$2,000
582-000	Interest Expense	\$3,139,065	\$2,126,288	\$3,067,232	\$1,990,302	\$2,860,863
0-00-00-582-000	WU - Interest Expense	\$3,139,065	\$2,126,288	\$3,067,232	\$1,990,302	\$2,860,863
Water Utility Fund Bond and Loan Repayment		\$4,883,749	\$5,031,869	\$5,160,541	\$4,704,260	\$5,170,095
682-000	Debt Principal Repayment	\$4,883,749	\$5,031,869	\$5,160,541	\$4,704,260	\$5,170,095
0-00-00-682-000	WU - Debt Principal Repayment	\$4,883,749	\$5,031,869	\$5,160,541	\$4,704,260	\$5,170,095
Water Utility Fund - Non Cash Operating Expenses		\$6,864,701	\$7,190,080	\$7,210,721	\$4,770,850	\$7,900,803
0-00-90-580-000	WU - Depreciation - Depreciation	\$6,153,980	\$7,000,563	\$6,500,000	\$4,642,489	\$7,190,082
0-00-90-581-000	WU - Depreciation - Amortization	\$752,653	\$231,449	\$752,653	\$156,315	\$752,653
0-00-90-582-000	WU - Bond Inflows & Outflows	-\$41,932	-\$41,932	-\$41,932	-\$27,954	-\$41,932

New Capital Outlay

		FY 2018- 2019 Actual	FY 2019 - 2020 Budget	FY 2019- 2020 Actual	FY 2020- 2021 Budget	FY 2020- 2021 Actual	Proposed Budget FY 2021- 2022
CAPITAL Outlay (New Appropriations)		\$1,323,821	\$2,168,000	\$799,458	\$1,280,502	\$612,643	\$6,528,500
Water Utility Fund (Misc. Capital Purchases - Replacement)		\$793,324	\$1,165,000	\$675,928	\$1,092,302	\$347,886	\$5,538,500
10-01-00-604-999	WU-Admin-RandR Capital Purchases	\$0	\$0	\$0	\$0	\$0	\$0
10-02-00-604-999	WU-IT-RandR Capital Purchases	\$46,114	\$815,000	\$126,578	\$112,302	\$59,607	\$179,000
10-10-40-604-999	WU-Qual-Purification-RandR Capital Purchases	\$0	\$0	\$35,695	\$40,000	\$0	\$0
10-21-00-604-999	WU-Const/Admin/Capital Purchases	\$100	\$10,000	\$0	\$10,000	\$0	\$10,000
10-30-00-604-999	WU-Fiscal-RandR Capital Purchases	\$24,514	\$0	\$0	\$159,000	\$8,559	\$50,000
10-40-00-604-999	WU-Ops-RandR Capital Purchases	\$722,596	\$340,000	\$513,655	\$771,000	\$279,720	\$5,299,500
Water Utility Fund (Misc. Capital Purchases - New)		\$530,497	\$1,003,000	\$123,530	\$188,200	\$264,757	\$990,000
10-01-00-605-999	WU-Admin-RandR Capital Purchases	\$0	\$0	\$0	\$0	\$0	\$0
10-02-00-605-999	WU-IT-Expansion Capital Purchases	\$0	\$425,000	\$32,499	\$160,000	\$79,888	\$90,000
10-10-40-605-999	WU-Qual-Expansion Capital Purchases	\$0	\$0	\$0	\$0	\$0	\$0
10-21-00-605-999	WU-Const/Admin/Capital Purchases	\$0	\$100,000	\$0	\$10,000	\$0	\$10,000
10-30-00-605-999	WU-Fiscal-RandR Capital Purchases	\$0	\$0	\$0	\$0	\$0	\$775,000
10-31-00-605-999	WU-Const/Admin/Capital Purchases	\$0	\$3,000	\$0	\$0	\$0	\$0
10-40-00-605-999	WU-Ops-Expansion Capital Purchases	\$530,497	\$475,000	\$91,031	\$18,200	\$184,869	\$115,000
CAPITAL OUTLAY - CIP (New Appropriations)		\$8,372,336	\$6,530,001	\$4,114,217	\$26,626,962	\$2,865,301	\$25,918,000
Water Utility Fund (Capital Outlay - Rehabilitation & Replacement- Design)		\$119,523	\$370,000	\$166,636	\$1,425,000	\$160,383	\$8,000
10-20-00-604-000	WU/Eng-Permit Fees	\$3,138	\$20,000	\$0	\$10,000	\$4,112	\$8,000
10-20-00-604-001	WU-Eng-ALLR-KW-07 Paua Valley Tank Repair	\$16,539	\$0	\$5,618	\$85,000	\$0	\$0
10-20-00-604-146	WU-Eng-Hanapepe-Eleele Connecting Pipeline HE-1 and HE-10 (RR 12%)	\$12,999	\$0	\$47,994	\$0	\$0	\$0
10-20-00-604-148	WU-Eng-Kuhio Hwy (Hardy-Oxford) 16" Main Replace (R&R 56% of \$100K)	\$1,283	\$0	\$46,096	\$0	\$8,148	\$0
10-20-00-604-157	WU-Kilauea Wells MCC rehab	\$85,564	\$0	\$0	\$0	\$0	\$0
10-20-00-604-160	WU-Job 18-02 Islandwide Rehabilitation of Tanks	\$0	\$0	\$66,928	\$0	\$0	\$0
10-20-00-604-162	WU-Eng-17-13 & 14, Engineering Services for Islandwide Vulnerability and Resiliency Assessment.	\$0	\$0	\$0	\$0	\$130,388	\$0
10-20-00-604-163	WU-Eng-ALLR-18-8 Limahuli Stream and Mānoa Stream Water Line Repairs	\$0	\$350,000	\$0	\$250,000	\$0	\$0
10-20-00-604-169	Baseyard MP Ph 1	\$0	\$0	\$0	\$1,080,000	\$17,735	\$0
Water Utility Fund (Misc. Capital Purchases - Expansion)		\$0	\$0	\$0	\$0	\$0	\$0
10-20-00-605-017	18" Cane Haul Road Main						
10-20-00-605-xxx	Kuhio Hwy (Hardy-Oxford) 16" Main replacement (EXP 44% of \$150K)						
10-20-00-605-xxx	Kilauea 1.0 MG tank (EXP 90%)						
Water Utility Fund (Capital Projects - R&R - Construction)		\$3,564,521	\$5,255,000	\$860,742	\$16,325,000	\$2,661,668	\$19,300,000
10-21-00-604-029	WU/Const/Capital Outlay/09-01, Yamada Tank, Clearwell & connecting PL	\$0	\$0	\$0	\$13,200,000	\$0	\$13,200,000
10-21-00-604-035	WU-Cns-ALLR-XX-YY, HE-14, Eleele Booster Rehab	\$1,073,665	\$0	\$0	\$0	\$0	\$0
10-21-00-604-146	WU/Cns/78%RR/15-07/HE-01,HE-10, Reorganize Wtr Sys. PL connecting Hanapepe & Eleele (6" Main Repl) Ph I (County R/W)(78%RR of \$1.9M)	\$2,490,856	\$0	\$860,742	\$0	\$2,554,127	\$0
10-21-00-604-001	Paua Valley Tank Repair	\$0	\$1,400,000	\$0	\$2,375,000	\$107,541	\$0
10-21-00-604-157	Kilauea 1&2 MCC (engineer's estimate - \$2.576M)	\$0	\$3,755,000	\$0	\$0	\$0	\$5,000,000
10-21-00-604-167	Kukuiohono Tank Demo	\$0	\$100,000	\$0	\$750,000	\$0	\$1,100,000
10-21-00-604-XXX	02-06, WKK-15 - Construct Kilauea 466 Tank, 1.0MG, Puu Pane Well 3 (R&R - 10%) (Total= \$5M)	\$0	\$0	\$0	\$0	\$0	\$0
Water Utility Fund (Capital Outlay - Rehabilitation & Replacement- Operations)		\$0	\$1	\$0	\$2,201,962	\$0	\$0
10-40-00-604-166	SWTP - Water Treatment Delivery Agreement with Grove Farm - R&R		\$1	\$816,226	\$2,201,962	\$2,673,422	\$0
Water Utility Fund (Capital Projects - Exp - Construction)		\$2,302,856	\$0	\$2,355,021	\$0	\$0	\$0
10-21-00-605-118	WU/Const/Capital Outlay/WK-39-Kapaa Homestead Well No. 4 (100% Expansion)	\$750,000	\$0	\$0	\$0	\$0	\$0

New Capital Outlay

		FY 2018- 2019 Actual	FY 2019 - 2020 Budget	FY 2019- 2020 Actual	FY 2020- 2021 Budget	FY 2020- 2021 Actual	Proposed Budget FY 2021- 2022
10-21-00-605-146	WU/Cns/100%EXP/15-07/HE-01,HE-10, Reorganize Wtr Sys. PL connecting Hanapepe & Eleele (6" Main Repl) Ph II State R/W)	\$1,552,856	\$0	\$2,086,793	\$0	\$0	\$0
10-21-00-605-017	Kapaia Cane Haul Road 18" Main (98.55% Exp) \$3,241,350	\$0	\$0	\$268,228	\$0	\$0	\$0
FRC Fund (Capital Projects - Expansion - Design)		\$85,510	\$680,000	\$31,033	\$450,000	\$0	\$610,000
20-20-00-605-118	Develop Kapaa Well No. 4 site improvements (production well)	\$0	\$450,000	\$31,033	\$450,000	\$0	\$450,000
20-20-00-605-152	FRC-Eng-Hoona, Hoone, Pane Road main replacement (EXP 63%)	\$0	\$0	\$0	\$0	\$0	\$0
20-20-00-605-153	FRC-Eng-Haena 0.2 MG tank	\$85,510	\$30,000	\$0	\$0	\$0	\$0
20-20-00-605-155	FRC-Eng-Wainiha Well #4 (EXP)	\$0	\$160,000	\$0	\$0	\$0	\$160,000
20-20-00-605-168	Kalaheo System Improvements - recertify plans/permits	\$0	\$40,000	\$0	\$0	\$0	\$0
FRC Fund (Capital Projects - Expansion - Construction)		\$0	\$225,000	\$0	\$225,000	\$0	\$0
20-21-00-605-161	Hanapepe River Bridge, Kaunaulii Hwy. Rt. 50, HI STP SR50 (1) Project, Hanapepe, Kauai, HI	\$0	\$225,000	\$0	\$225,000	\$0	\$0
Bond Fund (Capital Projects - R&R - Construction)		\$1,623,383	\$0	\$44,514	\$0	\$0	\$0
30-21-00-604-107	BAB-Cns-ALLR-XX-YY KP-09-MCC Chlor KoloaWell16-A,E	\$1,623,383	\$0	\$44,514	\$0	\$0	\$0
30-21-00-604-017	BAB-Cns-Kapaia Cane Haul Road 18" main (1.45% R&R - \$3,241,350))	\$0	\$0	\$0	\$0	\$0	\$0
Bond Fund (Capital Projects: Design) R&R/Expansion		\$0	\$0	\$67,911	\$0	\$0	\$0
30-20-00-604-105	BAB-Eng-ALLR-09-01 K-01 Kalaheo 1111FT & 1222FT	\$0	\$0	\$67,911	\$0	\$0	\$0
30-20-00-605-139	BAB-Eng-ALLE-Moloaa Tank Site Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
30-20-00-605-140	BAB-Eng-ALLE-Koloa Well F Land Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Bond Fund (Capital Projects - Expansion - Construction)		\$676,543	\$0	\$588,360	\$6,000,000	\$43,250	\$6,000,000
30-21-00-605-118	BAB-Cns-ALLE-WK-39-Kapaa Homestead Well No. 4	\$676,543	\$0	\$588,360	\$0	\$43,250	\$0
30-21-00-605-029	BAB-Cns-CO-09-01 Kalaheo 1111' & 1112' WS Improv Pkg A,B,C	\$0	\$0	\$0	\$6,000,000	\$0	\$6,000,000
30-21-00-605-017	BAB-Cns-CO-Kapaia Cane Haul Road 18" Main (98.55% Exp \$3,241,350)	\$0	\$0	\$0	\$0	\$0	\$0
SRF Fund (Capital Projects - R&R - Construction)		\$0	\$0	\$0	\$0	\$0	\$0
60-21-00-604-029	WU/Const/Capital Outlay/09-01, Kalaheo 1111' & 1222' Water System Improvements (Package A: 0% Yamada Tank, Package B: 34% Clearwell, Package C: 94 %Pipeline) (Total \$19.2M) Cumulative 52% R&R/48% Expansion - \$ 9,984,000				\$0		\$0
60-21-00-604-114	SRF-Cns-ALLR-X-YY PLH-39a-Lihue Baseyard Imprvmts	\$0	\$0	\$0	\$0	\$0	\$0

REVENUES - REVISED WORKSHEETS

Account	Description	FY 2018-2019 Actual	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual	FY 2021-2022 Projected Revenues (option 1)	FY 2021-2022 Projected Revenues (option 2)	FY 2021-2022 Estimated Revenues (option 3)
Water Utility Fund		\$ 36,894,780	\$ 31,891,765	\$ 31,563,000	\$ 19,125,126	\$ 43,579,564	\$ 44,420,090	\$ 43,368,666
10-00-00-400-000	WU/Water Sales	\$ 27,959,468	\$ 26,672,943	\$ 22,993,488	\$ 16,917,747	\$ 24,960,376	\$ 25,800,902	\$ 24,749,478
10-00-00-405-000	WU/Revenue from Public Fire Protection	\$ 2,174,298	\$ 2,174,298	\$ 2,174,298	\$ 1,449,532	\$ 2,174,298	\$ 2,174,298	\$ 2,174,298
10-00-00-410-000	WU/Other Water Revenue	\$ 348,905	\$ 140,291	\$ 300,000	\$ 99,284	\$ 300,000	\$ 300,000	\$ 300,000
10-00-00-430-000	WU/Federal Grants (FEMA)	\$ 32,228		\$ 828,535	\$ -	\$ -	\$ -	\$ -
10-00-00-432-000	WU/State Grants	\$ 3,754,453	\$ 1,369,959	\$ 4,500,000	\$ -	\$ 14,000,000	\$ 14,000,000	\$ 14,000,000
10-00-00-440-000	WU/Capital Contributions - Cash Receipts	\$ 586,575	\$ 566,738	\$ 560,679	\$ 373,865	\$ 1,936,390	\$ 1,936,390	\$ 1,936,390
10-00-00-453-000	WU/Net Increase in Fair Value of Investments	\$ 1,150,866	\$ -	\$ -	\$ 12,017	\$ -	\$ -	\$ -
10-00-00-461-000	WU/Investment Income	\$ 812,034	\$ 941,506	\$ 200,000	\$ 270,394	\$ 200,000	\$ 200,000	\$ 200,000
10-00-00-470-000	WU/Gain or Loss on Disposal of Capital Assets			\$ 5,000		\$ 5,000	\$ 5,000	\$ 5,000
10-00-00-480-000	WU/Gain or Loss from the Retirement of Debt			\$ -		\$ -	\$ -	\$ -
10-00-00-490-000	WU/Miscellaneous Revenues	\$ 75,953	\$ 26,030	\$ 1,000	\$ 2,287	\$ 3,500	\$ 3,500	\$ 3,500
Non-Revenue Cash Inflow				\$ -		\$ 10,000,000	\$ 10,000,000	\$ 10,000,000
10-00-00-498-300	WU/Bond Proceeds - BAB			\$ -		\$ -	\$ -	\$ -
10-00-00-499-600	WU/Loan Proceeds - SRF Loan			\$ -		\$ 10,000,000	\$ 10,000,000	\$ 10,000,000
FRC Fund		\$ 696,519	\$ 1,162,333	\$ 640,291	\$ 757,846	\$ 1,040,291	\$ 1,040,291	\$ 1,040,291
20-00-00-424-000	FRC/Facility Reserve Charge	\$ 437,130	\$ 919,445	\$ 400,000	\$ 755,559	\$ 800,000	\$ 800,000	\$ 800,000
20-00-00-440-000	WU/Capital Contributions - Cash Receipts (BAB Subsidy)	\$ 259,389	\$ 242,888	\$ 240,291	\$ 2,287	\$ 240,291	\$ 240,291	\$ 240,291
20-00-00-453-000	FRC/Net Increase in Fair Value of Investments			\$ -		\$ -	\$ -	\$ -
20-00-00-461-000	FRC/Investment Income			\$ -		\$ -	\$ -	\$ -
BAB Fund		\$ 225,696	\$ 329,210	\$ 35,000	\$ 18,248	\$ 35,000	\$ 35,000	\$ 35,000
30-00-00-453-000	BAB/Net Increase in Fair Value of Investments	\$ (13,847)	\$ 170,623	\$ (30,000)	\$ (75,804)	\$ (30,000)	\$ (30,000)	\$ (30,000)
30-00-00-461-000	BAB/Investment Income	\$ 239,543	\$ 158,587	\$ 65,000	\$ 94,051	\$ 65,000	\$ 65,000	\$ 65,000
SRF Fund								\$ -
60-00-00-430-000	SRF/Federal Grants			\$ -		\$ -	\$ -	\$ -
60-00-00-453-000	SRF/Net Increase in Fair Value of Investments			\$ -		\$ -	\$ -	\$ -

Option 1n2

COMPARATIVE REPORT OF MONTHLY BILLED REVENUES

For Fiscal Years 2018, 2019 & 2020

	2018	2019	2020	2021	Inc (Decrease)	%
\$	2,760,278	\$ 2,459,791	\$ 2,594,993	\$ 2,399,952	\$ (195,041)	-7.5%
\$	2,720,713	\$ 2,484,364	\$ 2,616,525	\$ 2,128,704	\$ (487,821)	-18.6%
\$	2,900,969	\$ 2,387,444	\$ 2,568,987	\$ 2,344,603	\$ (224,384)	-8.7%
\$	2,646,300	\$ 2,307,018	\$ 2,344,974	\$ 2,355,705	\$ 10,731	0.5%
\$	2,656,924	\$ 2,254,135	\$ 2,224,482	\$ 2,074,334	\$ (150,148)	-6.7%
\$	2,104,089	\$ 2,168,082	\$ 2,085,759	\$ 1,944,888	\$ (140,872)	-6.8%
\$	2,295,593	\$ 2,131,137	\$ 2,064,173	\$ 1,939,857	\$ (124,316)	-6.0%
\$	2,201,268	\$ 2,175,447	\$ 2,036,448	\$ 1,842,256	\$ (194,193)	-9.5%
\$	2,068,741	\$ 2,222,428	\$ 2,177,234	\$ 2,004,420	\$ (172,815)	-7.9%
\$	2,049,058	\$ 2,337,458	\$ 1,860,315	\$ 1,712,655	\$ (147,660)	-7.9%
\$	2,076,298	\$ 2,396,951	\$ 2,045,570	\$ 1,883,206	\$ (162,364)	-7.9%
\$	2,312,100	\$ 2,635,214	\$ 2,384,480	\$ 2,195,216	\$ (189,265)	-7.9%
\$	28,792,331	\$ 27,959,469	\$ 27,003,941	\$ 24,825,795	\$ (2,178,146)	-95%

-7.94%

Actual Receipts, July to February, 2021	\$ 16,917,747	
Estimated Four Month Revenues, using the average % of billed revenues decrease	\$ 7,795,496	
Add 1% population growth	\$ 247,132	
Estimated Revenues, -7.94 % decrease applied for the next 4 months	\$ 24,960,376	Option 1

Average Monthly billed revenues	\$ 2,329,956	\$ 2,250,328	\$ 2,128,787	
Estimated Twelve Month Revenues, using the monthly average			\$ 25,545,448	
Add 1% estimated growth			\$ 255,454	
Estimated Water Sales			\$ 25,800,902	Option 2

Option 3

As of 2/28/2021

FY 2020 - 2021 Water Sales Projection

WU/Water Sales

Estimated Water Sales - FY 2020- 2021 (see Sch. 1)		24,504,434
Estimated Water Sales Increase (growth projection)	1%	245,044
Estimated Power Cost Adjustment (\$0.0 pending approved water rate study)	-	-
Estimated Water Sales FY 2020-2021	0	24,749,478

Sch. 1

Year To Date Water Sales (6 months)

July, 2020 to February, 2020 (Actual)	69%	\$	16,917,747
March to June, 2021	31%		7,586,686
Estimated Annual	100%	\$	24,504,434
			24,504,434

Metered Consumption - in million gallons (MG)	FY 2018	FY 2019	FY 2020	FY 2021		MG Increase/ (Decrease)	% Increase/ (Decrease)
July	383.831	344.364	365.892	335.209		(31)	-8.4%
August	380.414	348.569	362.067	295.297		(67)	-18.4%
September	399.598	325.351	369.751	329.858		(40)	-10.8%
October	373.247	328.575	328.084	330.618		3	0.8%
November	329.959	306.129	306.312	287.707		(19)	-6.1%
December	310.680	307.883	294.673	272.561		(22)	-7.5%
January	321.919	299.365	290.040	267.391		(23)	-7.8%
February	312.188	305.811	285.156	255.410	69%	(30)	-10.4%
March	292.542	309.819	287.939	263.226			
April	294.834	327.707	255.907	233.943			
May	292.845	339.334	287.749	263.052			
June	322.526	378.527	332.991	304.411	31%		
Note: March to June , 2021 were estimated using the average % of increase/decrease.							
	4,014.583	3,921.434	3,766.561	3,438.683	100%		
Annual Increase (decrease)		(93.149)	(154.873)	(327.878)		(29)	-8.6%
Equivalent rate increase (decrease)		-2.3%	-3.9%	-8.7%			
Ave mo. Usage		326.786	313.880	286.557			

Account	Description	2018-2019 Actuals	2019-2020 Budget	2019-2020 YTD Actual	2020-2021 Budget	2020-2021 YTD Actual	2021-2022 Budget
Water Utility Fund							
10-01-10-540-010	WU/Admin/Admin/Professional Services - General	\$ 135,925	\$ 371,300	\$ 198,852	\$ 383,800	\$ 60,570	\$ 325,300
10-01-10-541-010	WU/Admin/Admin/Other Services - General	\$ 1,966	\$ 2,178	\$ 10,834	\$ 1,188	\$ 938	\$ 1,500
10-01-10-542-010	WU/Admin/Admin/Public Relations	\$ 78,061	\$ 80,089	\$ 91,950	\$ 115,725	\$ 24,257	\$ 82,900
10-01-10-542-020	WU/Admin/Admin/Procurement Advertising	\$ -	\$ 10,000	\$ 8,127	\$ 10,000	\$ 12,683	\$ 10,000
10-01-10-544-000	WU/Admin/Admin/Freight and Postage Services	\$ 2,113	\$ 12,870	\$ 1,412	\$ 12,870	\$ 2,070	\$ 3,100
10-01-10-545-000	WU/Admin/Admin/Rentals and Leases	\$ 20,595	\$ 50,900	\$ 21,171	\$ 50,900	\$ 14,999	\$ 50,900
10-01-10-546-000	WU/Admin/Admin/Insurance	\$ 62,466	\$ 395,000	\$ 99,701	\$ 155,000	\$ 5,000	\$ 155,000
10-01-10-551-000	WU/Admin/Admin/Utility Services	\$ 174,681	\$ 162,624	\$ 146,187	\$ 163,878	\$ 95,290	\$ 171,500
10-01-10-561-000	WU/Admin/Admin/Repairs and Maintenance - Other than Water System	\$ 18,987	\$ -	\$ 1,641	\$ -	\$ 6,803	\$ -
10-01-10-563-000	WU/Admin/Admin/Operating Supplies	\$ 3,651	\$ 5,000	\$ 5,905	\$ 5,000	\$ 1,708	\$ 5,000
10-01-10-570-010	WU/Admin/Admin/Books, Publications, Subscriptions, and Memberships	\$ 9,237	\$ 26,685	\$ 19,441	\$ 25,240	\$ 12,697	\$ 21,270
10-01-10-570-020	WU/Admin/Admin/Books, Publications, Subscriptions, and Memberships - Board	\$ 450	\$ 1,095	\$ 300	\$ 1,095	\$ -	\$ 595
10-01-10-571-010	WU/Admin/Admin/Training and Development	\$ 33,039	\$ 13,500	\$ 11,933	\$ 23,500	\$ 1,151	\$ 26,500
10-01-10-572-010	WU/Admin/Admin/Travel and Per Diem	\$ 26,873	\$ 59,880	\$ 31,341	\$ 55,660	\$ -	\$ 59,900
10-01-10-572-020	WU/Admin/Admin/Travel and Per Diem - Board	\$ 6,139	\$ 20,970	\$ -	\$ -	\$ -	\$ 7,280
10-01-10-573-010	WU/Admin/Admin/Registration and Meeting Expense	\$ 4,158	\$ 26,440	\$ 8,987	\$ 19,877	\$ 203	\$ 17,500
10-01-10-573-020	WU/Admin/Admin/Registration and Meeting Expense - Board	\$ 7,609	\$ 9,952	\$ 1,037	\$ -	\$ -	\$ 2,000
OPERATING EXPENSES		\$ 585,949	\$ 1,248,483	\$ 658,819	\$ 1,023,733	\$ 238,370	\$ 940,245
10-01-00-604-999	WU/Admin/Capital Outlay - Rehab and Replace/Misc. Capital Purchases	\$ 57,789	\$ -	\$ -	\$ -	\$ -	\$ -
10-01-00-605-999	WU/Admin/Capital Outlay - Expansion/Misc. Capital Purchases	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CAPITAL PURCHASES		\$ 57,789	\$ -	\$ -	\$ -	\$ -	\$ -
SUMMARY OF OPERATING EXPENSES		\$ 585,949	\$ 1,248,483	\$ 658,819	\$ 1,023,733	\$ 238,370	\$ 940,245
SUMMARY OF CAPITAL PURCHASES		\$ 57,789	\$ -	\$ -	\$ -	\$ -	\$ -
OPERATING EXPENSES PLUS CAPITAL OUTLAY		\$ 643,738	\$ 1,248,483	\$ 658,819	\$ 1,023,733	\$ 238,370	\$ 940,245

TOTAL:		WU/Admin/Admin/Professional Services - General	\$135,925	\$371,300	\$198,852	\$383,800	\$60,570	\$325,300	Admin Expenses'
Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual as of 1/31/21	FY 2021-2022 Budget	New Request?	
Special Counsel			\$25,000.00		\$25,000.00		\$25,000.00	No	
Legislative Liaison			\$30,000.00		\$40,000.00		\$40,000.00	No	
Leadership Kaua'i Training	Professional Speaker		\$5,000.00		\$7,500.00		\$4,000.00	Yes	
Professional Interpreter & Facilitator	for Public meetings		\$500.00		\$500.00		\$500.00	No	
Other Services - Board	Performance Audit		\$300,000.00		\$300,000.00		\$0.00	No	
HR Related Services	Pre-Employment and Reasonable Suspicion; Drug & Alcohol Testing		\$800.00		\$800.00		\$800.00	No	
Safety Program			\$0.00		\$0.00		\$75,000.00	Yes	
Arbitration	Attorney Fees		\$10,000.00		\$10,000.00		\$10,000.00	No	
Litigation Costs	Pending Matters						\$20,000.00	Yes	
Document Scanning	Document Scanning						\$150,000.00	Yes	

General Expenses - Admin

TOTAL:	WU/Admin/Admin/Other Services - General	\$1,966	\$2,178	\$10,834	\$1,188	\$938	\$1,500	Admin Expenses
Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual As of 1/31/21	FY 2021-2022 Budget	New Request?
Alarm Service			\$ 1,056.00		\$ 1,188.00		\$ 1,500.00	No
Solid Waste Disposal Services	Garden Island Disposal		\$ 1,122.00		\$ -		\$ -	No

TOTAL: WU/Admin/Admin/Public Relations		\$78,061	\$80,089	\$91,950	\$115,725	\$24,257	\$82,900	Admin Expenses
Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual As of 1/31/21	FY 2021-2022 Budget	New Request?
Public Relations Programs	Advertising; Promotional & Education Materials (logo items, giveaways, publications, brochures, meeting supplies, presentation supplies, displays, etc.)		\$40,200		\$65,200		\$51,800	No
Project WET	Make-A-Splash, Project WET Outreach		\$15,000		\$15,000		\$9,000	No
Water Conservation District (EWSWD)	Grant		\$7,500		\$7,500		\$7,500	No
Cultural Services	Blessing, Info, etc.		\$3,300		\$3,025		\$1,500	No
Blackboard Connect CTY	Contract for County Mass Notification System - Blackboard Connect CTY		\$13,089		\$25,000		\$13,100	No

TOTAL:	WU/Admin/Admin/Procurement Advertising	\$0	\$10,000	\$8,127	\$10,000	\$12,683	\$10,000	Admin Expenses
Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual As of 1/31/21	FY 2021-2022 Budget	New Request?
Publications	All Divisions - Legal Ads for Solicitation, Public Notices for Projects, Proposals for all Divisions including Board Notices		\$10,000.00		\$10,000.00		\$10,000.00	No

TOTAL: WU/Admin/Admin/Freight and Postage Services		\$2,113	\$12,870	\$1,412	\$12,870	\$2,070	\$3,100	Admin Expenses
Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual As of 1/31/21	FY 2021-2022 Budget	New Request?
NEOPOST - Departmental Postage	Office communication not Including Water Bills; Includes Governmental Records, Water System Standards, Water Quality Reports, etc, Ink Cartridge. (Lease - \$530*12, Ink Cartridge - \$200*2, Refill - \$2,000*3)		\$12,770.08		\$12,770.08		\$3,000.00	No
Bureau Copy Request			\$100.00		\$100.00		\$100.00	No

TOTAL: WU/Admin/Admin/Rentals and Leases		\$20,595	\$50,900	\$21,171	\$50,900	\$14,999	\$50,900	Admin Expenses	Admin Expenses (Kirki)A1
Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual As of 1/31/21	FY 2021-2022 Budget	New Request?	MJ's Justifications
License Fee Agreement McBryde Trust	Kalaheo/Koloa Water System		\$19,999.80		\$19,999.80		\$20,000.00	No	TYD was 6 \$1666.65 ea. payments from August 2020 - Jan 2021 (No records for Admin's files, so assuming the same amount) Nothing in files for this lease. 2021. Emailed Marcy 12/29
Lease Agreement with Grove Farm	Kōloa Wells 16 A, B, & E		\$30,900.00		\$30,900.00		\$30,900.00	No	Kōloa Well 16 A, B, & E 1963 Agreement says \$5/MG, but new agreement requests \$2500./month & increase 3% each year. Proposal was a 20 year period. (No records for Admin's files, so assuming the same amount) Agreement expired in 2013

TOTAL: WU/Admin/Admin/Insurance		\$62,466	\$395,000	\$99,701	\$155,000	\$5,000	\$155,000	Admin Expenses'	Admin Expenses (Kirk)'IA1
Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual As of 1/31/21	FY 2021-2022 Budget	New Request?	MJ's Justifications
Small Claims	Small Claims fund per Board Policy #25 authorizing the County Attorney to investigate, settle and pay all claims filed against the Board of Water Supply where such claims amount to \$10,000		\$5,000.00		\$5,000.00		\$5,000.00	No	One claim paid for \$1357.70
Workers Compensation Settlements	Workers Comp, etc		\$150,000.00		\$150,000.00		\$150,000.00	No	DOW paid workers comp
Board Approved Claims	Claims outside of the County Attorney's discretion.		\$40,000.00		\$0.00		\$0.00	No	Request for Tess to delete
Insurance and Bonds	General, Excess, Liability/Property Insurance and Provision **A provision of \$100,000 each is provided annually to cover both premium and reserves for General Liability and Property Insurance; the Department of Water in conjunction with the County of Kauai is self-insured for liability and automobile insurance. Excess coverage after a certain limit is obtained. Claims exceeding the approved budget may use the DOW's reserve fund with a board approval.		\$200,000.00		\$0.00		\$0.00	No	bd policy to establish insurance reserve Request for Tess to delete (Can't delete; need to maintain column totals)

TOTAL: WU/Admin/Admin/Utility Services		\$174,681	\$162,624	\$146,187	\$163,878	\$95,290	\$171,500	Admin Expenses	Admin Expenses (Kirk)'A1
Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual As of 1/31/21	FY 2021-2022 Budget	New Request?	MJ's Justifications
Electricity	Front/Back Office & Microlab Building		\$154,440.00		\$154,440.00		\$160,000.00	No	Took average of the YTD (6 months \$11700.00) * 12 & added 10% for buffer
Puhi Sewer & Water			\$8,184.00		\$8,184.00		\$10,000.00	No	Took average of the YTD (6 months \$620.00) * 12 & added 10% for buffer
Solid Waste	Solid Waste Disposal				\$ 1,254.00		\$ 1,500.00	No	Moved from 546-010; Check with Marcy on the cost for this.

TOTAL: WU/Admin/Admin/Operating Supplies		\$3,651	\$5,000	\$5,905	\$5,000	\$1,708	\$5,000	Admin Expenses	Admin Expenses (Kirk)'!A1
Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual As of 1/31/21	FY 2021-2022 Budget	New Request?	MJ's Justifications
Operating Supplies/Small Tools & Equipment	With expected vacancies, safety supplies, dual monitors, screen protectors, working table, notarial supplies, phone accessories etc.		\$5,000.00		\$5,000.00		\$5,000.00	No	Keep the same as contingency if equipment is needed

TOTAL:		\$9,237	\$26,685	\$19,441	\$25,240	\$12,697	\$21,270	Admin Expenses	Admin Expenses (Kirk)'IA1
Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual As of 1/31/21	FY 2021-2022 Budget	New Request?	MJ's Justifications
AWWA Membership	Annual Membership Dues for the DOW		\$3,450.00		\$3,700.00		\$3,900.00	No	Membership runs calendar year. (JAN-DEC 2019) Paid \$3655.00 in 2019 and \$3764.00 for CY2021. Subscription is normally due on 12/11
Books and Subscriptions	Books for ALL DIVISIONS - Library, Subscriptions for TGI, STAR, ENR, Pacific Business News, HR, Manuals, Guide books, etc.		\$4,000.00		\$4,000.00		\$2,000.00	No	For entire DOW. Haven't spent anything in 2020. Recommend decreasing from \$4K to \$2K
Water Research Foundation	Annual Membership Dues for the DOW		\$10,000.00		\$10,000.00		\$8,000.00	No	For entire DOW. Paid \$7625.00 for Membership 7/1/2020 to June 30/2021.
Hawaii State Bar Association	Annual Association Dues		\$550.00		\$550.00		\$550.00	No	Paid by calendar year for Kaua'i County Bar \$25 and \$509 Renewal fees for Mahea
Hawaii Rural Water Association	Annual Membership Dues for the DOW		\$6,600.00		\$6,500.00		\$6,500.00	No	Paid by calendar year in Feb/March. \$6425.00
SHRM	Society for for Human Resource Management Membership Dues		\$265.00		\$270.00		\$100.00	No	Paid \$45 for Debra 08/17/20. Sent Debra an email if she needs more 12/29.
IPMA-HR	International Public Management Association for HR Membership Dues		\$220.00		\$220.00		\$220.00	No	Paid \$219 for Debra 11/05/20.
Westlaw / Thomson Reuters	County Attorney Dues \$95.21 * 12 (months)		\$1,200.00		\$0.00		\$0.00	No	REQUEST FOR TESS TO DELETE (Can't delete; need to maintain column totals)
SAM	System for Award Mangement Registration Processing Fee		\$ 400.00		\$ -		\$ -	No	

TOTAL:	WU/Admin/Admin/Books, Publications, Subscriptions, and Memberships - Board	\$450	\$1,095	\$300	\$1,095	\$0	\$595	Admin Expenses	Admin Expenses (Kirk)!'A1
Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual As of 1/31/21	FY 2021-2022 Budget	New Request?	MJ's Justifications
AWWA Membership	Individual Membership Dues for Board Members (7)		\$595.00		\$595.00		\$595.00	No	\$85*7 Members
Books and Subscriptions			\$500.00		\$500.00		\$0.00	No	Decreased because not used. If Board decides to purchase books, we can charge off of DOW's books & pubs.

TOTAL:		\$33,039	\$13,500	\$11,933	\$23,500	\$1,151	\$26,500	Admin Expenses	Admin Expenses (Kirk)'!A1
Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual As of 1/31/21	FY 2021-2022 Budget	New Request?	MJ's Justifications
Seminars & Workshops	Registration for administration personnel workshops and technical workshops and other educational workshops, mindfulness, including human resources, public relations and attorney (see GL 572-010 travel & per diem if travel is required)		\$7,000.00		\$17,000.00		\$20,000.00	No	To include all of admin. The DOW did Skillpath in 2019 totaling \$7837.50. Increasing this just in case Mgr wants training for all of DOW.
Recognition Program	Retirees, Water Bucks, Recognition Awards (Trophies, Leis, Plaques)		\$6,500.00		\$6,500.00		\$6,500.00	No	2021 Keep this amount.

TOTAL:		WU/Admin/Admin/Travel and Per Diem	\$26,873	\$59,880	\$31,341	\$55,660	\$0	\$59,900	Admin Expenses	Admin Expenses (Kirk)'A1
Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual As of 1/31/21	FY 2021-2022 Budget	New Request?	MJ's Justifications	
Legislature	Per diem and airfare for the Manager & Chief Engineer		\$2,000.00		\$2,500.00		\$2,500.00	No	Travel & Per Diem only	
Water Security Advisory Group ACT 172, Section 5	Per diem and airfare for the Manager & Chief Engineer		\$800.00		\$800.00		\$800.00	No	Section 5 of Act 172 HB2040 Mgr sits on advisory group (\$300X4) Day Trips only (O'ahu) w/ Jeremy Kimura	
Fresh Water Council	Per diem and airfare for the Manager & Chief Engineer		\$800.00		\$800.00		\$800.00	No	(\$300X4) Day Trips only (O'ahu) Hawai'i Community Foundation - Josh Stanbro	
Water Loss Control Committee ACT 169, SB2645	Per diem and airfare for the Manager & Chief Engineer		\$800.00		\$800.00		\$800.00	No	Act 169, SB2645 Signed into law on 6/30/16 for water audit (\$300X4) Day Trips only (O'ahu) CWRM - Neal Fujii	
Seminars & Workshops	Per diem and airfare for administration personnel (CHANGE TO ALL DOW EMPLOYEES) workshops and technical conferences and other educational workshops, human resources, public relations and attorney (see GL 571-010 for registration fees)		\$10,000.00		\$50,760.00		\$55,000.00	No	Registration to GL 571-010 If Mgr would like this to be detailed again, I can work on it. If not, this includes all personnel for the DOW.	
Project WET Conference	Project WET (Per Diems and Airfare)		\$4,200.00					No		
12th Annual Wahine Forum Conference	Per diem and airfare Date TBA (Honolulu, HI) x 6 Personnel With one night overnight stay		\$1,008.00					No	One day, highly recommended. One of the best conferences I have gone to. =(69*2)*6 + 180 =1008.00 Hotel Lodging \$200/nightX6 = 1200.00 Per Diem \$145X6 = \$870.00	
AWWA National Conference	(June 12-15, 2022) (San Antonio, TX) x 3 Personnel Anticipated travel (June 11-17) 6 days & 5 nights w/ 3 rooms		\$10,710.00					No	Price based on travel 06/11 to 06/17 = 6 days & 5 nights Airfare \$1200/person Per Diem \$870/person (6 days) Lodging \$300/night (3 rooms *5 nights)	
AWWA Conference	AWWA Water quality technology conference and exposition		\$2,970.00					No	(1200*1)+(870*1)+(900*1) For Manager	
AWWA Conference	AWWA water infrastructure conference and exposition		\$2,970.00					No	(1200*1)+(870*1)+(900*1) For Manager	
AWWA Conference	AWWA North American water loss conference and exposition		\$2,970.00					No	(1200*1)+(870*1)+(900*1) For Manager	
AWWA Hawaii HWEA Pacific Water Conference	Date TBA 2021 (Honolulu, HI) x 4 Personnel Anticipated travel (Date February TBA) 3 days & 2 nights w/ 4 rooms		\$3,480.00					No	Price based on travel (Date TBA) 3 days & 2 nights Airfare \$200/person Per Diem \$270/person (3 days) Lodging \$200/night (4 rooms)	
HWAA Hawai'i Section Conference	Date TBA 2021 (Maui, HI) x 4 Personnel Anticipated travel (Date November TBA) 3 days & 2 nights w/ 4 rooms		\$3,480.00					No	Price based on travel (Date TBA) 3 days & 2 nights Airfare \$200/person Per Diem \$270/person (3 days) Lodging \$200/night (4 rooms)	
HRWA Quarterly Meetings	Per diem and airfare for the Manager & Chief Engineer Date TBA 2021 (Maui, HI) X 1 Personnel Day Meeting Only		\$552.00					No	Based on 4 Interisland quarterly meetings	
AWWAWEF Utility Management Conference	Per diem and airfare for the Manager & Chief Engineer Date TBA 2021 (Location TBA) Anticipated travel 6 days & 5 nights w/ 1 room		\$3,570.00					No	Price based on travel (Date TBA) 6 days & 5 nights Airfare \$1200 Per Diem \$870 Lodging \$300/night (1 rooms *5 nights)	
Administrative Conference	Per diem and airfare Date TBA (Location TBA) x 2 Personnel Anticipated travel 6 days & 5 nights w/ 2 rooms		\$5,070.00					No	Price based on travel (Date TBA) 6 days & 5 nights Airfare \$1200 Per Diem \$870 Lodging \$300/night (2 rooms *5 nights)	
IPMA-HR Conference			\$2,000.00					No	Estimated. To occur in September. Pending conference agenda.	
Ground Transportation	Car Rental, Shuttle Services, Airport Parking Reimbursement		\$2,500.00					No	Increase due to a lot of overnights	

TOTAL: WU/Admin/Admin/Travel and Per Diem - Board		\$6,139	\$20,970	\$0	\$0	\$0	\$7,280	Admin Expenses	Admin Expenses (Kirk)'A1
Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual As of 1/31/21	FY 2021-2022 Budget	New Request?	MJ's Justifications
AWWA National Conference	(June 12-15, 2022) (San Antonio, TX) x 3 Personnel Anticipated travel (June 12-15) 6 days & 5 nights w/ 3 rooms		\$10,710.00		\$0.00		\$3,800.00	No	Expenditure in FY18-FY20 are higher because we charged conference registration here. We moved registration costs to Meeting Expense 573-020 since FY2020 - Present. Price based on travel 06/11 to 06/17 = 6 days & 5 nights 1PAX Airfare \$1200/person Per Diem \$870/person (6 days) Lodging \$300/night (3 rooms *5 nights)
AWWA Hawaii HWEA Pacific Water Conference	Date TBA 2021 (Honolulu, HI) x 4 Personnel Anticipated travel (Date February TBA) 3 days & 2 nights w/ 4 rooms		\$3,480.00		\$0.00		\$1,740.00	No	Price based on travel (Date TBA) 2PAX 3 days & 2 nights Airfare \$200/person Per Diem \$270/person (3 days) Lodging \$200/night (4 rooms)
HWWA Hawai'i Section Conference	Date TBA 2021 (Maui, HI) x 4 Personnel Anticipated travel (Date November TBA) 3 days & 2 nights w/ 4 rooms		\$3,480.00		\$0.00		\$1,740.00	No	Price based on travel (Date TBA) 2PAX 3 days & 2 nights Airfare \$200/person Per Diem \$270/person (3 days) Lodging \$200/night (4 rooms)
Mileage			\$300.00		\$0.00		\$0.00	No	0 funded. Will use excess of above if needed.
Ground Transportation	Car Rental, Shuttle Services, Airport Parking Reimbursement		\$1,000.00		\$0.00		\$0.00	No	
Unanticipated Travels	For board training & development - travel & per diem		\$1,000.00		\$0.00		\$0.00	No	

TOTAL:	WU/Admin/Admin/Registration and Meeting Expense	\$51,700	\$ 4,158	\$26,440	\$ 8,987	\$19,877	\$ 203	\$17,500	Admin Expenses	Admin Expenses (Kirk)'A1
Line Item	Notes	FY 2018-2019 Budget	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual As of 1/31/21	FY 2021-2022 Budget	New Request?	MJ's Justifications
Board Meeting	Lunch for Board Meeting X 18 Mtgs			\$ 3,240.00		\$ 3,240.00		\$ 3,500.00	No	15 lunches X \$12/head * 18 mtgs
Seminars & Workshops	Meeting materials/Supplies (cutlery, coffee, etc.)	\$ 1,000.00		\$ 1,000.00		\$ 1,000.00		\$ 1,000.00	No	For internal DOW trainings/meetings
Annual meeting / Conference	Meeting materials/Supplies	\$ 2,500.00		\$ 3,000.00		\$ 3,000.00		\$ 3,000.00	No	
Meeting Expense	Departmental budget -Meeting Expense.					\$12,636.80		\$10,000.00		If Board decides to place registration back seperately in divisions, I will fill this portion out.

Administrative Conference	Registration for Administrative Professionals Conferences	\$5,000.00		\$5,000.00		\$0.00			No	Will continue to send 2 \$2395/person / Moved from 571-010
IPMA-HR Conference	Registration & Pre-Workshop (IPMA-HR = International Public Management Association)			\$2,500.00		\$0.00			No	HR Coordinator Justification: Pre-workshop on job analysis. Agenda forthcoming. Moved from 571-010
Project WET Conference	Project WET Registrations (X2)			\$800.00		\$0.00			No	PR Registrations Moved from 571-010
12th Annual Wahine Forum Conference	Registration - Hawaii's largest leadership and career development conference for women. The forum is attended by Hawaii's top female executives, entrepreneurs, up-and-coming leaders and others intent on advancing their careers. Connect with like-minded individuals and cultivate relationships at this full-day event featuring national speakers and local leaders. (Honolulu, HI) (\$200 X 6)			\$1,200.00		\$0.00			No	One day, highly recommended. One of the best conferences I have gone to. Moved from 571-010
AWWA National Conference	Registration & Course Materias X 3 (San Antonio, TX) (\$900 X 3)	\$5,400.00		\$2,700.00		\$0.00			No	Conference is in San Diego this FY20-21 and average was about \$875/person, Expect increase in registration / Estimating \$900/person Moved from 571-010
AWWA Conference	AWWA Water quality technology conference and exposition			\$700.00		\$0.00			No	Annual Conference For Manager
AWWA Conference	AWWA water infrastructure conference and exposition			\$700.00		\$0.00			No	Annual Conference For Manager
AWWA Conference	AWWA North American water loss conference and exposition			\$700.00		\$0.00			No	Annual Conference For Manager
AWWA Hawaii HWEA Pacific Water Conference	Registration & Course Materials X 4 (Honolulu, HI) (Date TBA Feb 2022) (\$550 X 4)	\$2,800.00		\$2,200.00		\$0.00			No	Annual Conference For all of DOW
HWAA Hawaii Section Conference	Registration & Course Materials (Maui, HI) (Date TBA Nov 2021) (\$500 X 4)	\$24,000.00		\$2,000.00		\$0.00			No	Conference was supposed to be in Maui for 2020, but cancelled. 2021 will be tent scheduled for Maui. Past Conferences charge \$400-\$500/person for registration Moved from 571-010 (Rotates - O'ahu, Maui, Big Island, Kaua'i)
AWWA/WEF Utility Management Conference	Registration and Course Materials (Location & Date TBA) (\$700 X 1)	\$1,000.00		\$700.00		\$0.00			No	Usually in February/March 2020. Last one was March 5-8 2019 in Nashville, TN Registration cost \$630.00 Moved from 571-010
HWAA	Kauai Conference	\$ 10,000.00		\$ -		\$ -		\$ -	No	REQUEST FOR TESS TO DELETE (can't delete, need to maintain column totals)

TOTAL:		\$7,609	\$9,952	\$1,037	\$0	\$0	\$2,000	Admin Expenses	Admin Expenses'1A1
Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual As of 1/31/21	FY 2021-2022 Budget	New Request?	MJ's Justifications
Seminars & Workshops	Registration portion for Board workshops and technical conferences and other educational workshops		\$500.00					No	Ask Board if they would like to fund this. If so, charges below:
AWWA National Conference	Registration & Course Materials X 3 San Antonio, TX) (June 12-15, 2022) (\$900 X 2)		\$2,700.00					No	\$1800 Conference is in San Diego this FY20-21 and average was about \$875/person, Expect increase in registration / Estimating \$900/person
AWWA Hawaii HWEA Pacific Water Conference	Registration & Course Materials X 4 (Honolulu, HI) (Date TBA Feb 2022) (\$550 X 2)		\$2,200.00					No	\$ 1,100.00
HWWA Hawai'i Section Conference	Registration & Course Materials (Maui, HI) (Date TBA Nov 2021) (\$500 X 2)		\$2,000.00					No	\$ 1,000.00
Meals	Board Meetings		\$1,512				\$1,500	No	In anticipation of open meetings. This includes board lunches only.
Drinks and supplies	Board Meetings		\$540				\$500	No	In anticipation of open meetings. This includes board drinks only.
Miscellaneous	Contingency for Board trainings		\$500.00					No	Adding because of charges made to Larry's Ipad

Information Technology Division

Program Budget - FY 2021 – 2022

Information Technology Division:

The Information Technology (IT) Division oversees all of the activities relating to the digital infrastructure and security of the Department's Business and SCADA network.

Program Description:

The IT Division provides the technology required for the fulfillment of the Department's mission in an efficient and effective manner, assisting in the technical analysis, design, procurement, implementation, operation and support of computing infrastructure and services.

Including but not limited to the following product suites, Dynamics GP (*Accounting*), Paramount (*Internal Procurement*), PMWEB (*Construction Project Management*), MPET (*Operational Maintenance Management*), Cisco IP Phone (*VOIP*), O365 (*Productivity Suite*), CC&B (*Customer Billing*), Beacon (*Customer Meter Reading*), and SCADA (*Plant Control and Data Acquisition*).

Program Highlights/Projects:

July 2020 - Replacement/Upgrade of the DOW FortiGate Firewall
September 2020 - Upgrade to MPET Cloud Hosted from On-Prem MPET
December 2020 - Migrated to Office365 for productivity/email from Exchange 2010 and Office 2016
March 2021(In-Progress) - Migration to SharePoint online from SharePoint 2010/2016
March 2021 (In-Progress) - Rollout new Beacon Software for Meter Readers
April 2021(In-Progress) - Migration to Dynamics 365 from Dynamics GP & Paramount
July 2021 (Planned) - On-Prem Hypervisor Server Upgrades
August 2021 (Planned) - DOW Website Replacement

Account	Description	FY 2018 - 2019 Actual	FY 2019-2020 Budget	FY 2019- 2020 YTD Actual	FY 2020-2021 Budget	FY 2020- 2021 YTD Actual	FY 2021-2022 Proposed Budget
Water Utility Fund							
10-02-10-540-010	WU/IT/Admin/ Professional Services	\$ 95,363	220,000	\$ 526,502	60,000	\$ 440,150	65,000
10-02-10-543-000	WU/IT/Admin/Communication Services	\$ 76,667	\$ 86,060	\$ 74,341	\$ 83,360	\$ 63,177	\$ 91,696
10-02-50-543-000	WU/IT/Power/Pump/Communication Services	\$ 34,720	\$ 41,084	\$ 43,270	\$ 47,084	\$ 12,139	\$ 47,084
10-02-10-544-000	WU/IT/Admin/Freight and Postage Services	\$ 5	\$ 500	\$ -	\$ -	\$ 1,000	\$ -
10-02-10-545-000	WU/IT/Admin/Rentals and Leases	\$ 20,661	\$ 30,175	\$ 22,380	\$ 30,175	\$ 5,329	\$ 33,200
10-02-10-561-000	WU/IT/Admin/Repairs and Maintenance - Other than Water System	\$ 355,365	\$ 488,750	\$ 386,466	\$ 90,700	\$ 221,423	\$ 547,100
10-02-10-563-000	WU/IT/Admin/Operating Supplies	\$ 58,465	\$ 61,000	\$ 32,279	\$ 61,000	\$ 42,119	\$ 58,000
10-02-10-570-010	WU/IT/Admin/Books, Publications, Subscriptions, and Memberships	\$ 318	\$ 500	\$ 962	\$ 39,200	\$ 9,162	\$ 500
10-02-10-571-010	WU/IT/Admin/Training and Development	\$ 2,615	\$ 12,000	\$ 1,806	\$ 2,000	\$ -	\$ 2,000
10-02-10-572-010	WU/IT/Admin/Travel and Per Diem	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10-02-10-573-010	WU/IT/Admin/Meeting Expense						
	OPERATING EXPENSES	\$ 644,180	\$ 940,069	\$ 1,088,005	\$ 413,519	\$ 794,499	\$ 844,580
10-02-00-604-999	WU/IT/Capital Outlay - Rehabilitation and Replacement/Misc. Capital Purchases	\$ 46,214	\$ 815,000	\$ 126,578	\$ 112,302	\$ 59,607	\$ 179,000
10-02-00-605-999	WU/IT/Capital Outlay - Expansion/Misc. Capital Purchases	\$ -	\$ 425,000	\$ 32,499	\$ 160,000	\$ 79,888	\$ 90,000
	SUMMARY OF CAPITAL PURCHASES	\$ 46,214	\$ 1,240,000	\$ 159,078	\$ 272,302	\$ 139,495	\$ 269,000
	SUMMARY OF OPERATING EXPENSES	\$ 644,180	\$ 940,069	\$ 1,088,005	\$ 413,519	\$ 794,499	\$ 844,580
	SUMMARY OF CAPITAL PURCHASES	\$ 46,214	\$ 1,240,000	\$ 159,078	\$ 272,302	\$ 139,495	\$ 269,000
	OPERATING EXPENSES PLUS CAPITAL OUTLAY	\$ 690,394	\$ 2,180,069	\$ 1,247,083	\$ 685,821	\$ 933,994	\$ 1,113,580

TOTAL: WU/IT/Admin/ Professional Services

\$95,363

\$220,000

\$526,502

\$60,000

\$440,150

\$65,000

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019-2020 Budget	FY 2019 - 2020 Actual	FY 2020 -2021 Budget	FY 2020 - 2021 Actual	FY 2021 -2022 Budget
As-Needed Technical Support			\$40,000		\$40,000		\$30,000
IT Strategic Plan - Project Management			\$20,000		\$20,000		\$20,000
Network Security Maintenance							\$15,000
IT Strategic Plan - Financial System Upgrade	Upgrade of Microsoft GP from GP2013 to GP2018 and upgrade of Paramount WorkPlace with As-needed Technical Services		\$150,000		\$0		
IT Strategic Plan - Review & Align Billing System Configuration	IT Strategic Plan - Review & Align Billing System Configuration		\$0		\$0		
Review & Update of IT Strategic Plan			\$10,000		\$0		

TOTAL: WU/IT/Admin/Communication Services \$76,667 \$86,060 \$74,341 \$83,360 \$63,177 \$91,696

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019-2020 Budget	FY 2019 - 2020 Actual	FY 2020 -2021 Budget	FY 2020 - 2021 Actual	FY 2021 -2022 Budget
Frame Relay (128K)	Monthly charge of 225 x 12		2,700		\$2,700		\$2,700
Frame Relay (56K)	Monthly charge of 115 x 12		\$1,380		\$1,380		\$1,380
Main Telephone Lines	Monthly charge of 450 x 12		\$5,400		\$5,400		\$5,400
Bandwidth	Monthly charge of 2500 x 12		\$30,000		\$30,000		\$30,000
Microlab Elevator; Panic Button; Fire Alarm - 2nd Line New Building; Elevator New Building; Fire Alarm 1st line New Building	Monthly 315 x 12 months		\$3,780		\$3,780		\$3,780
Ops Fax Line; Microlab Fire Alarm; Fax Machine	Monthly 150 x 12 months		\$1,800		\$1,800		\$1,800
Fax for New Building - 1st Floor Office	Monthly 50 x 12 months		\$600		\$600		\$600
Fire Alarm 2 Lines - Ops	Monthly 90 x 12 months		\$1,080		\$1,080		\$1,080
Frame Relay (AS400)	Monthly charge of 115 x 12		\$1,380		\$1,380		\$1,380
Internet Connection	Monthly charge of 600 x 12 (RR)		\$7,200		\$7,200		\$7,200
Lavanet	Monthly charge of 50 x 12		\$3,300		\$600		\$600
Long Distance Charges	Monthly 120 x 12 months		\$1,440		\$1,440		\$1,440
Cellular Phone (Office, includes cell phones, Ipads, and Mobile Hot Spots; Telemetry for SCADA)	Monthly 2000 x 12 months - This cost is only for monthly services. Any replacement/new equipment and/or accessories will come from IT's Operating Budget line item.		\$24,000		\$24,000		\$24,000
Unanticipated Costs	increased costs in surcharges & taxes		\$2,000		\$2,000		\$2,000
DOW hotspot - combined with Internet Connection	Monthly 200 X 12 (HOTSPOT For Employees to connect their personal devices to)		\$0				
Fax for Administration	Monthly 50 x 3 months		\$0				
Fax for Main Office	Monthly 50 x 3 months		\$0				
Microlab Fire Alarm	Monthly 150 x 12 months		\$0				
Office Alarm Circuit	Monthly 100 x 12 months		\$0				
Elevator Phone - New Building	Monthly 50 x 12 months		\$0				
Fire Alarm - New Building	Monthly 50 x 12 months		\$0				

TOTAL: WU/IT/Admin/Rentals and Leases

\$20,661

\$30,175

\$22,380

\$30,175

\$5,329

\$33,200

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019-2020 Budget	FY 2019 - 2020 Actual	FY 2020 -2021 Budget	FY 2020 - 2021 Actual	FY 2021 -2022 Budget
Copier Leases			25,000		25,000		30,000
Postage Machine/Scale Feeder			\$5,000		\$5,000		\$3,000
Safe Deposit Box			\$175		\$175		\$200

TOTAL: WU/IT/Admin/Repairs and Maintenance - **\$355,365** **\$488,750** **\$386,466** **\$90,700** **\$221,423** **\$547,100**
 Other than Water System

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019-2020 Budget	FY 2019 - 2020 Actual	FY 2020 -2021 Budget	FY 2020 - 2021 Actual	FY 2021 -2022 Budget
CCnB Cloud Hosting Services	Multi-year contract	\$ -	\$250,000	\$ -			\$250,000
Anti-Virus			\$ 5,000		\$6,000		\$50,000
Project Management Software		\$ -	\$ 40,000	\$ -			\$40,000
Office 365							\$35,000
Customer Care & Billing License	Kauai License	\$ -	\$30,000	\$ -			\$30,000
Dell Maintenance	Extension of Yearly Server Maintenance		\$ 24,000		\$24,000		\$24,000
ESRI	DOW supplement payment to County for use of ESRI		\$ 17,500		\$17,500		\$17,500
MPET/MMIS			\$ 20,000				\$20,000
Adobe Subscription	Annual Subscription Renewals		\$ 8,000		\$0		\$13,000
VoIP Phone			\$ 13,000		\$13,000		\$13,000
Dynamics 365							\$10,000
OCE Printer/Scanner			6,250		\$6,400		\$9,000
Innovyze		\$ -	\$4,000	\$ -			\$5,000
Cloud Backup							\$5,000
Fire Suppression Systems	Fenwall FM-200 Fire Suppression System		\$ 3,000		\$3,000		\$3,000
Firewall			\$ 5,000		\$6,000		\$3,000
BlueBeam							\$2,600
AutoCAD	5 licenses		\$ 5,500		\$6,000		\$2,000
Splashtop							\$2,000
XC2			\$ 1,300				\$1,500
SSL Certificate			\$ 800		\$900		\$1,000
Team			\$ 500		\$500		\$500
AMR Software/Trimble Handhelds (Badger)	Handhelds for Meter Readers		\$ 9,000				
Backup			\$ 900		\$900		
Beacon Subscription Fee	Subscription Fee for AMI Meters (\$0.89 per meter per month) For MK16	\$ -	\$ 15,000.00	\$ -	\$0		
Busch Consulting - Hours	firewall block of hours	\$ -	\$ -	\$ -			
Citrix (Go to Assist/Meeting)			\$ -		\$0		
Egnyte			\$ 3,000		\$3,000		
Go Exchange			\$ 3,500		\$3,500		
Great Plains	Maintenance & Support		\$ 12,000				\$10,000
HP Printers			\$ 3,500				
IP Switch			\$ -		\$0		
Maintenance/Troubleshooting	Various As-Needed Technical Support	\$ -	\$ -	\$ -			
Office Watch - Metropolis		\$ -	\$ -	\$ -			
Oracle Cloud Services	maur's share = 62.5% of \$200,000 shown as miscellaneous revenue in the budget. Full amount is requested in the budget	\$ -	\$0	\$ -	\$0		
Paramount	Maintenance & Support		\$ 3,000				
Stellent		\$ -	\$ -	\$ -			
Terrago			\$ -		\$0		
Water CAD		\$ -	\$ -	\$ -			
Websense			\$ 5,000		\$0		
Canon Scanner		\$ -	\$ -	\$ -			
Trimble Handhelds (Badger)	Handhelds for Meter Readers						

TOTAL: WU/IT/Capital Outlay - Rehabilitation and Replacement/Misc. Capital Purchases **\$46,214** **\$815,000** **\$126,578** **\$112,302** **\$59,607** **\$179,000**

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019-2020 Budget	FY 2019 - 2020 YTD Actual	FY 2020-2021 Proposed Budget	FY 2020 - 2021 YTD Actual	FY 2021-2022 Proposed Budget
Purchase of a Replacement Asset Management System	\$705,000 is for 5 years total costs. Evaluate/Select Software; Develop SOP's, Maintenance, implementation Services, interfaces, testing, Training		230,000		\$0		\$15,000
Purchase of New/Replacement Computer	Replacement of WS/Servers		0		\$0		\$90,000
Upgrade of Scada and Replacement of Servers	Upgrade of SCADA & Replacement of Servers - Total of 2,318,000 is for 5 year total costs; Current request is for Workstation replacements; Server upgrades; and software upgrades.		\$270,000		\$0		\$0
SharePoint Upgrades	Total of \$295,000 is for 5 year costs; refine portals; trainings; develop sharepoint vision; site plans; develop new portals; archives; possible third-party software		295,000		\$112,302		\$20,000
Audio Equipment	Replacement of Board Recording System		\$20,000				
Phone System	Upgrade phone system		\$0				\$50,000
Security Camera Replacment							\$4,000
Computer Purchase	5 replacement computers for WRP staff		\$0				

Water Quality Division

Program Budget - FY 2021 – 2022

Water Quality Division:

The Water Quality Division oversees all the activities relating to meeting the requirements of the Environmental Protection Agency's Safe Drinking Water Act (SDWA). This includes both the microbial and chemical aspects of the regulation. The division also provides support to other divisions to insure the water is safe to drink. Also, the Water Quality Lab provides customer service in relation to water quality issues.

Program Description:

The Water Quality Division is responsible for all the activities that help insure that the water that The Kauai Department of Water (KDOW) provides to its customers meets all the requirements of the SDWA.

The Water Quality Lab also monitors source water quality which is also helpful to operations.

The Water Quality Lab handles water quality complaints

Special studies to support the development of projects like the surface water treatment plant are also the division's responsibility.

Program Projects:

1. Testing for the reactivation of existing water sources. Or the activation of new sources. Estimate cost at \$6,000.
2. Phase II,V Sampling for 2021-2022 period. Estimate cost at \$37,250.
3. Miscellaneous chemical testing. Estimate cost at \$2,000.
6. Disinfection Byproduct sampling is continuous.
7. Nitrate sampling is continuous.

8. Total Coliform Rule microbiological sampling is continuous.
9. Maintaining State certification to perform microbiological analysis in house is continuous.
10. Weekly monitoring of surface water zone of mixing is continuous.
11. Microbiological and Chemical testing of sources going on-line after extended periods. Or new sources going on-line. As needed.
12. Sampling and analysis to determine baseline physical water quality of sources continuous.
13. Safe Drinking Water Information System (SDWIS) operational. It allows our Lab to share data and plan sampling schedules with DOH-SDWB. Currently in use with excellent result.
14. Sample Reservation and Collection System (SCRS) allows the Lab to schedule sampling with the State Laboratory and follow sample processing. Currently in use with excellent result.
15. The Compliance Monitoring Data Portal (CMDP) created by the Environmental Protection Agency (EPA) is in pre-production stage. Microbiological data is being submitted on a monthly basis. The data goes to the State DOH then to EPA.

Program Measures	FY 2019-2020 (actual)	FY 2020-2021 (actual)	FY 2020-2021 (estimate)
Microbiological Samples	1350	1350	1350
Lead and Copper Samples	12	40	110
Water Quality Complaints	50	40	40

Phase 2-5 Testing	Sys. 400 (1x) All other sys. (1x)	All sys. Incl. 400 (2x)	All sys. except 400
UCMR4	AM1&2 = 90 AM3 = 4	AM1&2 = 90 AM3 = 4	0
LT2 Cryptosporidium monitoring	0	0	0

General Expenses - Water Quality

0 Description		FY 2018-2019 YTD Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 YTD Actual	FY 2021-2022 Proposed
Water Utility Fund							
10-10-40-540-010	WU/Qual/Purification/Professional Services - General	\$ 61,812	\$ 106,050	\$ 103,957	\$ 36,400	\$ 27,271	\$ 45,250
10-10-40-544-000	WU/Qual/Purification/Freight and Postage Services	\$ 1,772	\$ 3,000	\$ 740	\$ 1,500	\$ 412	\$ 1,500
10-10-40-561-000	WU/Qual/Purification/Repairs and Maintenance - Other than Water System	\$ 3,796	\$ 3,000	\$ 3,624	\$ 4,000	\$ 6,792	\$ 4,000
10-10-40-563-000	WU/Qual/Purification/Operating Supplies	\$ 24,910	\$ 15,000	\$ 13,225	\$ 18,000	\$ 4,779	\$ 15,000
10-10-40-570-010	WU/Qual/Purification/Books, Publications, Subscriptions, and Memberships	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10-10-40-571-010	WU/Qual/Purification/Training and Development	\$ -	\$ -	\$ 60	\$ 1,600	\$ -	\$ 1,600
	OPERATING EXPENSES	<u>92,290</u>	<u>127,050</u>	<u>121,606</u>	<u>61,500</u>	<u>39,254</u>	<u>67,350</u>
10-10-40-604-999	WU/Qual/Purification/Misc. Capital Outlay - Replacement	\$ -	\$ -	\$ 35,695	\$ 40,000	\$ -	\$ -
10-10-40-605-999	WU/Qual/Purification/Misc. Capital Outlay - Expansion	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	CAPITAL PURCHASES	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 35,694.88</u>	<u>\$ 40,000.00</u>	<u>\$ -</u>	<u>\$ -</u>
	SUMMARY OF OPERATING EXPENSES	<u>\$ 92,290</u>	<u>\$ 127,050</u>	<u>\$ 121,606</u>	<u>\$ 61,500</u>	<u>\$ 39,254</u>	<u>\$ 67,350</u>
	SUMMARY OF CAPITAL OUTLAY	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 35,695</u>	<u>\$ 40,000</u>	<u>\$ -</u>	<u>\$ -</u>
	OPERATING EXPENSES PLUS CAPITAL OUTLAY	<u>\$ 92,290</u>	<u>\$ 127,050</u>	<u>\$ 157,301</u>	<u>\$ 101,500</u>	<u>\$ 39,254</u>	<u>\$ 67,350</u>

TOTAL: WU/Qual/Purification/Professional Services - General **\$61,812 \$106,050 \$103,957 \$36,400 \$27,271 \$45,250**

Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019 -2020 Actual	FY 2020-2021 Budget	FY 2020 -2021 Actual	FY 2021-2022 Budget
Water sample testing services (Contract Lab Services)	EPA-mandated UCMR4		\$81,250		\$2,000		\$0
SDWA Testing - Phase 2/5	EPA-mandated compliance monitoring		\$16,800		\$26,400		\$37,250
Misc. SDWA Testing	EPA-mandated compliance monitoring		\$2,000		\$2,000		\$2,000
Long Term 2 ESWTR	EPA-mandated compliance monitoring		\$0		\$0		
Repaired Well Testing	EPA and DOH mandated		\$6,000		\$6,000		\$6,000

TOTAL: WU/Qual/Purification/Freight and Postage Services \$1,772 \$3,000 \$740 \$1,500 \$412 \$1,500

Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019 -2020 Actual	FY 2020-2021 Budget	FY 2020 -2021 Actual	FY 2021-2022 Budget
Shipping samples	24 shipments of \$100 each (shipping samples to contract lab)		\$3,000		\$1,500		\$1,500
Shipping equipment for calibration							

TOTAL: WU/Qual/Purification/Repairs and Maintenance - Other than Water System **\$3,796** **\$3,000** **\$3,624** **\$4,000** **\$6,792** **\$4,000**

Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019 -2020 Actual	FY 2020-2021 Budget	FY 2020 -2021 Actual	FY 2021-2022 Budget
Autoclave maintenance and repairs	Annual inspection and contingency for possible repair		\$3,000		\$4,000		\$4,000

TOTAL: WU/Qual/Purification/Operating Supplies

\$24,910 \$15,000 \$13,225 \$18,000 \$4,779 \$15,000

Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019 -2020 Actual	FY 2020-2021 Budget	FY 2020 -2021 Actual	FY 2021-2022 Budget
Lab supplies	Sample bottles, reagents, media		\$15,000		\$15,000		\$15,000
Water Quality Reports (CCR's)	Preparation & Mailing of Annual Water Quality Reports Notices				\$0		
CMDP	Compliance Monitoring Data Portal - 2x laptops				\$3,000		

Engineering Division

Program Budget – FY 2021-2022

Program Description

The Engineering Division is responsible for the planning, design, construction oversight and outreach needed to provide current and future customers with high quality service in alignment with the Department's Mission. The program conducts long-range planning, research, and analytical studies of water usage to monitor and forecast anticipated water system needs for the island of Kauai. The program conducts condition assessment, investigation, analysis, design, and review of the Department's water systems infrastructure and provides guidance to proposed development's water system planning, design, and construction (subdivisions, zoning and land use amendments, resorts and hotels, etc.) to ensure compliance with the Department's Rules and Regulations and Water System Standards. In Addition, the program maintains the engineering records and provides mapping/drafting services to support the Department.

Program Objectives:

1. Conduct long-range planning, research, and analytical studies of water usage to monitor and forecast the anticipated water system needs for the island of Kauai.
2. Conduct condition assessment, investigation, analysis, design, and review of the Department's water systems infrastructure.
3. Provides guidance and reviews proposed development's water system planning, design, and construction (subdivisions, zoning and land use amendments, resorts and hotels, water service requests, etc.) to ensure compliance with the Department's Rules and Regulations and Water System Standards.
4. Determine and evaluate hydraulic criteria in the development of an efficient water system distribution network.
5. Design, implement and provide construction oversight of water facilities infrastructure improvements through the Capital Improvement Project (CIP) and Capital Rehabilitation Project (CRP) programs.
6. Provide information and criteria to Federal, State and County agencies, stakeholder groups and the public to assist with the management of and protection of the island's water sheds and water resources.
7. Maintain maps and records of the Department's water infrastructure.

Program Highlights

For fiscal year 2020-2021 the Division's reviewed and processed applications for subdivisions zoning, use permits, additional dwellings (ADUs), affordable rental units (ARUs), building permits and requests for water services. The Division provided guidance with the preparation and review of water master plans on Kauai and assisted the Public Relations section with gathering information and data to assist with public inquires.

The Division continued to administer the update of the Kauai Water Use and Development Plan and is preparing to update its Long-Range Infrastructure Improvement and Maintenance Plan (Water Plan).

The Division participated in outside programs that included the Kauai Watershed Alliance, the Kauai Energy Utility Council, the Kauai Drought Committee, and other community watershed councils. The Division administered the Department of Water Grant to the Kauai Watershed Alliance through its coordinator, The Nature Conservancy during FY 20-21. The Division assisted in the preparation of the County of Kauai Six-Year Capital Improvements Program Update. The Division continues to participate on the County "ePlan" building permit application program (paperless review).

The Division continued to expand the Department's cross connection and backflow prevention program. The Division continues to review backflow device plans and maintains the annual certification testing program.

The Division initiated and continued the design of new water facilities improvement projects, of its CIP and CRP programs. It conducted design review of private developments connecting to and/or expanding the Department's water system.

The Division initialed and provided construction oversight of Department (CIP/CRP) and private development projects.

The Division continues to recruit to fill staff vacancies.

PROGRAM MEASURES	FY 2019-2020 (actual)	FY 2020-2021 (estimate)	FY 2021-2022 (estimated)
Planning			
1. Processed subdivision applications, zoning/use permits, land use/general plan amendment, ADU clearance applications	188	220	250
2. Processed water service inquires, meter requests	281	300	350
3. Processed building permits	1,809	2,000	2,500
4. Back Flow Inspection Program – No. of Devices	1,642	1,825	2,250
5. Hydraulic Model Update Project	on-going	on-going	on-going
6. USGS Stream Flow Study		on-going	on-going
7. USGS Groundwater Monitoring Program	on-going	on-going	on-going
8. Kauai Water Use and Development Plan Update	on-going	on-going	on-going
9. UH “Projecting Future Rainfall and Evapotranspiration for Kauai”			on-going
Design			
1. DOW Projects	23	23	23
2. Private Development Projects	51	32	32
Construction			
1. DOW Projects	5	5	5
2. Private Development Projects	30	30	30

General Expenses - Engineering

Account	Description	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 YTD Actual	FY 2021-2022 Proposed Budget
Engineering Services							
Operating Expenses							
10-20-10-540-010	WU/Eng/Admin/Professional Services	\$ 296,451	\$ 405,000	\$ 445,056	\$ 615,000	\$ 202,018	\$ 245,000
10-20-10-563-000	WU/Eng/Admin/Operating Supplies	\$ 147	\$ 300	\$ -	\$ 300	\$ -	\$ 300
10-20-10-571-010	WU/Eng/Admin/Training and Development	\$ 375	\$ 1,130	\$ 375	\$ 500	\$ -	\$ 500
10-20-10-572-010	WU/Eng/Admin/Travel and Per Diem	\$ -	\$ 1,880	\$ 225	\$ -	\$ -	\$ -
10-20-10-573-010	WU/Eng/Admin/Meeting Expense	\$ -	\$ 1,050	\$ -	\$ 1,050	\$ -	\$ 200
ENGINEERING SERVICES - TOTAL OPERATING EXPENSES		\$ 296,972.23	\$ 409,360.00	\$ 445,655.77	\$ 616,850.00	\$ 202,018.00	\$ 246,000.00
Construction Management							
Operating Expenses							
10-21-10-540-010	WU/Const/Admin/Professional Services - General	\$ 625,038	\$ 700,000	\$ 530,630	\$ 50,000	\$ 263,179	\$ 1,000,000
10-21-10-561-010	WU/Const/Admin/Repairs & Maintenance - Other than Water System	\$ -	\$ -	\$ -	\$ 40,000	\$ 29,400	\$ -
10-21-10-563-000	WU/Const/Admin/Operating Supplies	\$ 5,243	\$ 4,500	\$ 1,637	\$ 4,500	\$ 1,529	\$ 4,500
10-21-10-570-010	WU/Const/Admin/Books, Publications, Subscriptions, and Memberships	\$ 1,052	\$ 1,550	\$ 775	\$ 1,550	\$ 685	\$ 850
10-21-10-571-010	WU/Const/Admin/Training and Development	\$ 1,285	\$ 6,250	\$ 1,639	\$ 6,250	\$ -	\$ 3,300
10-21-10-572-010	WU/Const/Admin/Travel and Per Diem	\$ -	\$ 5,000	\$ 2,195	\$ -	\$ -	\$ -
10-21-10-573-010	WU/Const/Admin/Meeting Expense	\$ -	\$ 3,250	\$ 2,200	\$ -	\$ -	\$ -
CONSTRUCTION MANAGEMENT - TOTAL OPERATING EXPENSES		\$ 632,618.40	\$ 720,550.00	\$ 539,076.75	\$ 102,300.00	\$ 294,793.58	\$ 1,008,650.00
Water Resources and Planning							
Operating Expenses							
10-22-10-540-010	WU/Plan/Admin/Professional Services	\$237,171	\$1,635,000	\$430,041	\$1,785,000	\$6,240	\$1,635,000
10-22-10-561-000	WU/Plan/Admin/Professional Services	\$0	\$0	\$0	\$6,500	\$0	\$0
10-22-10-563-000	WU/Plan/Admin/Operating Supplies	\$332	\$1,000	\$162	\$500	\$1,117	\$1,000
10-22-10-570-010	WU/Plan/Admin/Books, Publications, Subscriptions, and Memberships (NEW)	\$0	\$3,000	\$0	\$3,400	\$0	\$3,900
10-22-10-571-010	WU/Plan/Admin/Training and Development	\$11,050	\$18,000	\$1,100	\$16,000	\$0	\$18,000
10-22-10-572-010	WU/Plan/Admin/Travel & Per Diem	\$7,547	\$25,600	\$5,888	\$0	\$0	\$0
10-22-10-573-010	WU/Plan/Admin/Meeting Expense (NEW)	\$0	\$5,950	\$880	\$0	\$0	\$4,500
WR&P TOTAL OPERATING EXPENSES		\$256,100	\$1,688,550	\$438,071	\$1,811,400	\$7,357	\$1,662,400
ENGINEERING - TOTAL OPERATING EXPENSES		\$ 1,185,691	\$ 2,818,460	\$ 1,422,803	\$ 2,530,550	\$ 504,168	\$ 2,917,050

Account	Description	FY 2018-2019	FY 2019-2020	FY 2019-2020	FY 2020-2021	FY 2020-2021	FY 2021-2022
		Actual	Budget	Actual	Budget	YTD Actual	Proposed
		FY 2018-2019	FY 2019 - 2020	FY 2018-2019	FY 2019 - 2020	FY 2018-2019	FY 2019 - 2020
		Actual	Proposed	Actual	Proposed	Actual	Proposed
Engineering Services	CAPITAL OUTLAY - CIP						
	Water Utility Fund						
10-20-00-604-000	WU/Eng/Capital Outlay - CIP R&R	\$ 119,523	\$ 370,000	\$ 166,636	\$ 1,425,000	\$ 57,218	\$ 8,000
	Water Utility Fund - Capital Outlay	\$ 119,523	\$ 370,000	\$ 166,636	\$ 1,425,000	\$ 57,218	\$ 8,000
	FRC Fund		\$ -		\$ -		\$ -
20-20-00-605-000	FRC/Eng/Capital Outlay - CIP Expansion	\$ 85,510	\$ 680,000	\$ 31,033	\$ 450,000	\$ -	\$ 610,000
	FRC Fund - Capital Outlay	\$ 85,510	\$ 680,000	\$ 31,033	\$ 450,000	\$ -	\$ 610,000
30-20-00-604-000	BAB/Eng/Capital Outlay - CIP R&R	\$ -	\$ -	\$ 67,911	\$ -	\$ -	\$ -
30-20-00-605-000	BAB/Eng/Capital Outlay - CIP Expansion	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	BAB Fund - Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10-20-00-604-000	Water Utility Fund - Capital Outlay/CIP	\$ 119,523	\$ 370,000	\$ 166,636	\$ 1,425,000	\$ 57,218	\$ 8,000
20-20-00-605-000	FRC Fund/Capital Outlay/CIP	\$ 85,510	\$ 680,000	\$ 31,033	\$ 450,000	\$ -	\$ 610,000
30-20-00-605-000	BAB Fund/Capital Outlay/CIP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Engineering Services - Capital Outlay - CIP Totals	\$ 205,033	\$ 1,050,000	\$ 197,668	\$ 1,875,000	\$ 57,218	\$ 618,000
Construction Management	MISCELLANEOUS CAPITAL OUTLAY	FY 2018-2019	FY 2019 - 2020	FY 2018-2019	FY 2019 - 2020	FY 2018-2019	FY 2019 - 2020
		YTD Actual	Proposed	YTD Actual	Proposed	YTD Actual	Proposed
10-21-00-604-999	WU/Const/Capital Outlay - Misc. R&R	\$ 100	\$ 10,000	\$ -	\$ 10,000	\$ -	\$ 10,000
10-21-00-605-999	WU/Const/Capital Outlay - Misc. Expansion	\$ -	\$ 100,000	\$ -	\$ 10,000	\$ -	\$ 10,000
	Water Utility Fund - Miscellaneous Capital Outlay	\$ 100	\$ 110,000	\$ -	\$ 20,000	\$ -	\$ 20,000
Construction Management	CAPITAL OUTLAY	FY 2018-2019	FY 2019 - 2020	FY 2018-2019	FY 2019 - 2020	FY 2018-2019	FY 2019 - 2020
		YTD Actual	Proposed	YTD Actual	Proposed	YTD Actual	Proposed
10-21-00-604-000	WU/Const/Capital Outlay - CIP R&R	\$ 3,564,521	\$ 5,255,000	\$ 860,742	\$ 16,325,000	\$ 2,661,668	\$ 19,300,000
10-21-00-605-000	WU/Const/Capital Outlay - CIP Expansion	\$ 2,302,856	\$ -	\$ 2,355,021	\$ -	\$ -	\$ -
	Water Utility Fund - Capital Outlay - CIP	\$ 5,867,377	\$ 5,255,000	\$ 3,215,762	\$ 16,325,000	\$ 2,661,668	\$ 19,300,000
20-21-00-605-000	FRC/Const/Capital Outlay - CIP Expansion	\$ -	\$ 225,000	\$ -	\$ 225,000	\$ -	\$ -
	FRC Fund - Capital Outlay - CIP	\$ -	\$ 225,000	\$ -	\$ 225,000	\$ -	\$ -
30-21-00-604-000	BAB/Const/Capital Outlay - CIP R&R	\$ 1,623,383	\$ -	\$ 44,514	\$ -	\$ -	\$ -
30-21-00-605-000	BAB/Const/Capital Outlay - CIP Expansion	\$ 676,543	\$ -	\$ 588,360	\$ 6,000,000	\$ 43,250	\$ 6,000,000
	BAB Fund - Capital Outlay - CIP	\$ 2,299,926	\$ -	\$ 632,874	\$ 6,000,000	\$ 43,250	\$ 6,000,000
60-21-00-604-000	SRF/Const/Capital Outlay - CIP R&R	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	SRF Fund - Capital Outlay - CIP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	WU Fund -Capital Outlay/Misc. Purchases	\$ 100	\$ 110,000	\$ -	\$ 20,000	\$ -	\$ 20,000
	WU Fund - Capital Outlay/CIP	\$ 5,867,377	\$ 5,255,000	\$ 3,215,762	\$ 16,325,000	\$ 2,661,668	\$ 19,300,000
	FRC Fund/Capital Outlay/CIP	\$ -	\$ 225,000	\$ -	\$ 225,000	\$ -	\$ -
	BAB Fund/Capital Outlay/CIP	\$ 2,299,926	\$ -	\$ 632,874	\$ 6,000,000	\$ 43,250	\$ 6,000,000
	SRF Fund/Capital Outlay/CIP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Construction Management - Total Capital Outlay	\$ 8,167,403	\$ 5,590,000	\$ 3,848,636	\$ 22,570,000	\$ 2,704,918	\$ 25,320,000
	WU Fund - Capital Outlay/Misc. Purchases	\$100	\$110,000	\$0	\$20,000	\$0	\$20,000
	WU Fund - Capital Outlay/CIP	\$5,986,900	\$5,625,000	\$3,382,398	\$17,750,000	\$2,718,886	\$19,308,000
	FRC Fund/Capital Outlay/CIP	\$85,510	\$905,000	\$31,033	\$675,000	\$0	\$610,000
	BAB Fund/Capital Outlay/CIP	\$2,299,926	\$0	\$632,874	\$6,000,000	\$43,250	\$6,000,000
	SRF Fund/Capital Outlay/CIP	\$0	\$0	\$0	\$0	\$0	\$0
	ENGINEERING - TOTAL CAPITAL OUTLAY	\$ 8,372,436	\$ 6,640,000	\$ 4,046,305	\$ 24,445,000	\$ 2,762,136	\$ 25,938,000

General Expenses - Engineering

Account	Description	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 YTD Actual	FY 2021-2022 Proposed Budget
Water Utility Fund	OPERATING EXPENSES						
10-20-10-540-010	WU/Eng/Admin/Professional Services	\$ 296,451	\$ 405,000	\$ 445,056	\$ 615,000	\$ 202,018	\$ 245,000
10-20-10-563-000	WU/Eng/Admin/Operating Supplies	\$ 147	\$ 300	\$ -	\$ 300	\$ -	\$ 300
10-20-10-571-010	WU/Eng/Admin/Training and Development	\$ 375	\$ 1,130	\$ 375	\$ 500	\$ -	\$ 500
10-20-10-572-010	WU/Eng/Admin/Travel and Per Diem	\$ -	\$ 1,880	\$ 225	\$ -	\$ -	\$ -
10-20-10-573-010	WU/Eng/Admin/Meeting Expense	\$ -	\$ 1,050	\$ -	\$ 1,050	\$ -	\$ 200
	SUMMARY OF OPERATING EXPENSES	\$ 296,972	\$ 409,360	\$ 445,656	\$ 616,850	\$ 202,018	\$ 246,000
All Funds	CAPITAL OUTLAY						
	Water Utility Fund						
10-20-00-604-000	WU/Eng/Capital Outlay - CIP R&R	\$ 119,523	\$ 370,000	\$ 166,636	\$ 1,425,000	\$ 57,218	\$ 8,000
	Water Utility Fund - Capital Outlay	\$ 119,523	\$ 370,000	\$ 166,636	\$ 1,425,000	\$ 57,218	\$ 8,000
	FRC Fund		\$ -		\$ -		\$ -
20-20-00-605-000	FRC/Eng/Capital Outlay - CIP Expansion	\$ 85,510	\$ 680,000	\$ 31,033	\$ 450,000	\$ -	\$ 610,000
	FRC Fund - Capital Outlay	\$ 85,510	\$ 680,000	\$ 31,033	\$ 450,000	\$ -	\$ 610,000
30-20-00-604-000	BAB/Eng/Capital Outlay - CIP R&R	\$ -	\$ -	\$ 67,911	\$ -	\$ -	\$ -
30-20-00-605-000	BAB/Eng/Capital Outlay - CIP Expansion	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	BAB Fund - Capital Outlay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10-20-00-604-000	WU Fund	\$ 119,523	\$ 370,000	\$ 166,636	\$ 1,425,000	\$ 57,218	\$ 8,000
20-20-00-605-000	FRC Fund	\$ 85,510	\$ 680,000	\$ 31,033	\$ 450,000	\$ -	\$ 610,000
30-20-00-605-000	BAB Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	SUMMARY OF CAPITAL OUTLAY	\$ 205,033	\$ 1,050,000	\$ 197,668	\$ 1,875,000	\$ 57,218	\$ 618,000
	TOTAL OPERATING EXPENSES AND CAPITAL OUTLAY	\$ 502,005	\$ 1,459,360	\$ 643,324	\$ 2,491,850	\$ 259,236	\$ 864,000

General Expenses - Engineering

WU/Eng/Admin/Professional Services

\$296,451

\$405,000

\$445,056

\$615,000

\$202,018

\$245,000

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019 - 2020 Budget	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget
Title searches	title searches, as needed		\$25,000	\$0	\$25,000	\$0	\$25,000
Kukuiolono Tank Site exchange	Site assessment for hazardous materials, demolition of tank; this is a precondition of the land swap needed for ongoing capital project to design a new tank; Title Insurance, Escrow & Appraisals		\$50,000		\$50,000		\$50,000
PER, EA	Develop Kapaa Well No. 4 site improvements (production well)		\$100,000	**	\$100,000	**	\$100,000
Engineering Services			\$50,000	\$0		\$0	
Preliminary Engineering Report, EA	18-8 Limahuli Stream and Mānoa Stream Water Line Repairs		\$130,000	\$0	\$130,000	\$0	
Preliminary Engineering Report	Baseyard MP Ph 1				\$160,000		
PER, Testing Report	Wailua Homesteads Well - Granulated Activated Carbon (GAC)				\$100,000		
PER, Soil investigation, EA	UH Experiment Station Tank		\$50,000	^^	\$50,000	^^	\$50,000
Surveying	As-needed surveying services						\$20,000
STOP -- Correct Sum at top if there are more than 40 line items							

TOTAL: WU/Eng/AdminCapital Outlay - Rehabilitation and Replacement/Capital Purchases **\$119,523** **\$370,000** **\$166,636** **\$1,425,000** **\$57,218** **\$8,000**

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019 - 2020 Budget	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget
10-20-00-604-000	Permit Fees	\$ 3,138	\$ 20,000	\$ -	\$ 10,000	\$ 4,233	\$ 8,000
10-20-00-604-001	KW-07 Paua Valley Tank Repair	\$ 16,539		\$ 5,618	\$ 85,000		
10-20-00-604-146	Hanapepe-Eleele Connecting Pipeline HE-1 and HE-10 (RR 12%)	\$ 12,999		\$ 47,994		\$ 14,023	
10-20-00-604-147	Rehabilitate Puupilo Steel tank	\$ -		\$ -			
10-20-00-604-148	Kuhio Hwy (Hardy-Oxford) 16" Main replacement (R&R 56% of \$180K)	\$ 1,283		\$ 46,096		\$ 21,227	
10-20-00-604-157	Kilauea Wells MCC rehab	\$85,564					
10-20-00-604-160	Job 18-02 Islandwide Rehabilitation of Tanks			\$66,928			
10-20-00-604-162	WU-Eng-17-13 & 14, Engineering Services for Island Wide Vulnerability and Resiliency Assessment					\$0	
10-20-00-604-163	18-8 Limahuli Stream and Mānoa Stream Water Line Repairs		\$350,000	\$0	\$250,000		
10-20-00-604-169	Baseyard MP Ph 1 (subject to state funding of \$.16M)				\$1,080,000	\$17,735	

TOTAL: FRC/Eng/Admin/Capital Outlay - Expansion/Capital Purchases		\$85,510	\$680,000	\$31,033	\$450,000	\$0	\$610,000
Line Item	Notes	FY 2018 - 2019 Actual	FY 2019 - 2020 Budget	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget
20-20-00-605-117	UH Experiment Station Tank - land acquisition		\$ -		*		*
20-20-00-605-118	Develop Kapaa Well No. 4 site improvements (production well)		\$ 450,000	\$ 31,033	\$ 450,000		\$ 450,000
20-20-00-605-153	Haena 0.2 MG tank	\$ 85,510	\$ 30,000	\$ -	\$ -	\$ -	\$ -
20-20-00-605-155	Wainiha Well #4 (EXP)		\$ 160,000		\$ -		\$ 160,000
20-20-00-605-168	Kalaheo System Improvements - recertify plans/permits		\$ 40,000	\$ -	\$ -	\$ -	\$ -

Account	Description	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual	FY 2021-2022 Proposed Budget
Water Utility Fund	OPERATING EXPENSES						
10-21-10-540-010	WU/Const/Admin/Professional Services - General	\$ 625,038	\$ 700,000	\$ 530,630	\$ 50,000	\$ 263,179	\$ 1,000,000
10-21-10-561-010	WU/Const/Admin/Repairs & Maintenance - Other than Water System				\$ 40,000	\$ 29,400	\$ -
10-21-10-563-000	WU/Const/Admin/Operating Supplies	\$ 5,243	\$ 4,500	\$ 1,637	\$ 4,500	\$ 1,529	\$ 4,500
10-21-10-570-010	WU/Const/Admin/Books, Publications, Subscriptions, and Memberships	\$ 1,052	\$ 1,550	\$ 775	\$ 1,550	\$ 685	\$ 850
10-21-10-571-010	WU/Const/Admin/Training and Development	\$ 1,285	\$ 6,250	\$ 1,639	\$ 6,250	\$ -	\$ 3,300
10-21-10-572-010	WU/Const/Admin/Travel and Per Diem	\$ -	\$ 5,000	\$ 2,195	\$ -	\$ -	\$ -
10-21-10-573-010	WU/Const/Admin/Meeting Expense	\$ -	\$ 3,250	\$ 2,200	\$ -	\$ -	\$ -
	SUMMARY OF OPERATING EXPENSES	\$ 632,618.40	\$ 720,550.00	\$ 539,076.75	\$ 102,300.00	\$ 294,793.58	\$ 1,008,650.00
All Funds	CAPITAL OUTLAY						
10-21-00-604-999	WU/Const/Capital Outlay - Misc. R&R	\$ 100	\$ 10,000	\$ -	\$ 10,000	\$ -	\$ 10,000
10-21-00-605-999	WU/Const/Capital Outlay - Misc. Expansion	\$ -	\$ 100,000	\$ -	\$ 10,000	\$ -	\$ 10,000
	Water Utility Fund - Miscellaneous Capital Outlay	\$100	\$110,000	\$0	\$20,000	\$0	\$20,000
10-21-00-604-000	WU/Const/Capital Outlay - CIP R&R	\$ 3,564,521	\$ 5,255,000	\$ 860,742	\$ 16,325,000	\$ 2,661,668	\$ 19,300,000
10-21-00-605-000	WU/Const/Capital Outlay - CIP Expansion	\$ 2,302,856	\$ -	\$ 2,355,021	\$ -	\$ -	\$ -
	Water Utility Fund - Capital Outlay -CIP	\$5,867,377	\$5,255,000	\$3,215,762	\$16,325,000	\$2,661,668	\$19,300,000
20-21-00-605-000	FRC/Const/Capital Outlay - CIP Expansion	\$ -	\$ 225,000	\$ -	\$ 225,000	\$ -	\$ -
	FRC Fund - Capital Outlay - CIP	\$0	\$225,000	\$0	\$225,000	\$0	\$0
30-21-00-604-000	BAB/Const/Capital Outlay - CIP R&R	\$ 1,623,383	\$ -	\$ 44,514	\$ -	\$ -	\$ -
30-21-00-605-000	BAB/Const/Capital Outlay - CIP Expansion	\$ 676,543	\$ -	\$ 588,360	\$ 6,000,000	\$ 43,250	\$ 6,000,000
	BAB Fund - Capital Outlay - CIP	\$2,299,926	\$0	\$632,874	\$6,000,000	\$43,250	\$6,000,000
60-21-00-604-000	SRF/Const/Capital Outlay - CIP R&R		\$ -		\$ -		\$ -
	SRF Fund - Capital Outlay - CIP	\$0	\$0	\$0	\$0	\$0	\$0
	WU Fund - Capital Outlay/Misc. Purchases	\$100	\$110,000	\$0	\$20,000	\$0	\$20,000
	WU Fund - Capital Outlay/CIP	\$5,867,377	\$5,255,000	\$3,215,762	\$16,325,000	\$2,661,668	\$19,300,000
	FRC Fund/Capital Outlay/CIP	\$0	\$225,000	\$0	\$225,000	\$0	\$0
	BAB Fund/Capital Outlay/CIP	\$2,299,926	\$0	\$632,874	\$6,000,000	\$43,250	\$6,000,000
	SRF Fund/Capital Outlay/CIP	\$0	\$0	\$0	\$0	\$0	\$0
	SUMMARY OF CAPITAL OUTLAY	\$ 8,167,402.94	\$ 5,590,000.00	\$ 3,848,636.16	\$ 22,570,000.00	\$ 2,704,918.11	\$ 25,320,000.00
	TOTAL OPERATING EXPENSES AND CAPITAL OUTLAY	\$ 8,800,021	\$ 6,310,550	\$ 4,387,713	\$ 22,672,300	\$ 2,999,712	\$ 26,328,650

TOTAL: WU/Const/Admin/Professional Services - **\$625,038** **\$700,000** **\$530,630** **\$50,000** **\$263,179** **\$1,000,000**
 General

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019 - 2020 Budget	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget
Construction Management	2 Years on Contract expired, need to re-procure. This is an AS-NEEDED contract we utilize should inspection help be needed. In the past we've used it for required night work over an extended period of time to avoid losing staff to one project but there may be other areas where the contract could be utilized.	\$316,522	\$700,000		\$0	\$263,179.20	\$1,000,000
Specialty inspection	As needed structural engineering inspection - For projects requiring licensed structural engineer inspection that the DOW design contract or private projects don't have	\$0		\$0	\$50,000	\$0	

STOP -- Correct Sum at top if there are more than 400 line items

TOTAL: WU/Const/Admin/Books, Publications, Subscriptions, and Memberships **\$1,052** **\$1,550** **\$775** **\$1,550** **\$685** **\$850**

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019 - 2020 Budget	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget
Reference Materials	Annually purchase reference materials as needed such as ACI manuals, Project Management manuals/literature, etc.	\$104	\$700	\$0	\$700	\$0	
Contractors Association of Kauai (DOW - Dustin is representative)	We have been a member since 2012. This is an annual fee.	\$747	\$850	\$775.00	\$850	\$685.00	\$850
American Waterworks Association (Dustin)	AWWA membership.		\$0				

STOP -- Correct Sum at top if there are more than 400 line items

TOTAL: WU/Const/Admin/Training and Development **\$1,285** **\$6,250** **\$1,639** **\$6,250** **\$0** **\$3,300**

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019 - 2020 Budget	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget
CAK Workshops for CM Staff	CM staff annually attend on-island training such as NPDES BMP, CISEC, and Trench Excavation workshops through Contractors Association of Kauai.		\$4,950	\$1,639.00	\$4,950	\$0.00	\$2,000
Misc. Workshops for CM Staff	Annually attend on-island workshops through various agencies as they come up throughout year. T		\$1,300	\$0	\$1,300	\$0	\$1,300
Abatement training	Asbestos pipe and lead abatement						

STOP -- Correct Sum at top if there are more than 400 line items

TOTAL: WU/Const/Admin/Capital Outlay - Expansion/Misc. Capital Purchases **\$0 \$100,000 \$0 \$10,000 \$0 \$10,000**

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019 - 2020 Budget	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget
Miscellaneous	Initial building permit fees, other related project start-up fees	\$0	\$10,000	\$0	\$10,000	\$0	\$10,000
Truck (2)	New Vehicles for new Inspectors (2 vehicles @ 45K each)		\$90,000	\$0	\$0	\$0	\$0

STOP -- Correct Sum at top if there are more than 400 line items

TOTAL: WU/Capital Outlay - R&R/Capital Projects - CM **\$3,564,521** **\$5,255,000** **\$860,742** **\$16,325,000** **\$2,661,668** **\$19,300,000**

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019 - 2020 Budget	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget
10-21-00-604-029	WU/Const/Capital Outlay/09-01, Kalaheo 1111' & 1222' Water System Improvements (Package A: 0% Yamada Tank, Package B: 34% Clearwell, Package C: 94 %Pipeline) (Total \$19.2M) Cumulative 52% R&R/48% Expansion - \$ 9,984,000			\$0	\$13,200,000	\$0	\$13,200,000
10-21-00-604-035	WU/Const/Capital Outlay/XX-YY, HE-14, Eleele Booster Rehab (100% RR)	\$1,073,665		\$0			
10-21-00-604-146	WU/Const/Capital Outlay/15-07/HE-10, Reorganize Water System Pipeline connecting Hanapepe and Eleele (6" Main Replacement) Phase I (County R/W)(78%RR)(\$2.12M)	\$2,490,856		\$860,742		\$2,554,127	
10-21-00-604-001	Paua Valley Tank Repair	\$0	\$1,400,000	\$0	\$2,375,000	\$107,541	
10-21-00-604-157	Kilauea 1&2 MCC (Eng Est. \$4.5M)	\$0	\$3,755,000	\$0		\$0	\$5,000,000
10-21-00-604-167	Kukuilono Tank Demo (Eng. Est. \$813K)		\$100,000	\$0	\$750,000	\$0	\$1,100,000
10-21-00-604-XXX	02-06, WKK-15 - Construct Kilauea 466 Tank, 1.0MG, Puu Pane Well 3 (R&R - 10%) (Total= \$5M)			\$0			

STOP -- Correct Sum at top if there are more than 400 line items

TOTAL: WU/Capital Outlay - Expansion/Capital Projects - CM **\$2,302,856** **\$0** **\$2,355,021** **\$0** **\$0** **\$0**

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019 - 2020 Budget	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget
10-21-00-605-118	WU/Const/Capital Outlay/WK-39-Kapaa Homestead Well No. 4 (100% Expansion)	\$ 750,000		\$ -	\$ -		\$ -
10-21-00-605-146	WU/Const/Capital Outlay/15-07/HE-01,HE-10, Reorganize Water System Pipeline connecting Hanapepe and Eleele (6" Main Replacement) Phase II (State R/W)(100% EXP)	\$1,552,856		\$ 2,086,793	\$ -		
10-21-00-605-017	Kapaia Cane Haul Road 18" Main (98.55% Exp) \$3,241,350	\$ -		\$ 268,228	\$ -		
	WU/Const/Capital Outlay/09-01, Kalaheo 1111' & 1222' Water System Improvements (Package A: 100% Yamada Tank, Package B: 66% Clearwell, Package C:6% Pipeline) (Total \$19.2M) Cumulative 52% R&R/48% Expansion						
	WU/02-06, WKK-15 - Construct Kilauea 466 Tank, 1.0MG, Puu Pane Well 3 (Expansion - 90%) (Total - \$5M)						
	WU/Const/Capital Outlay/WK-08-Kapaa Homestead 313' 1.0 MG Tank (Ornellas) (100% FRC) Total = 12.915 M)						

STOP -- Correct Sum at top if there are more than 400 line items

TOTAL: FRC/Capital Outlay - Expansion/Capital Projects - CM **\$225,000** **\$0** **\$225,000** **\$0** **\$0**

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019 - 2020 Budget	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget
20-21-00-605-017	FRC/ConstCapital Outlay/18In Cane Haul Main (98.55% Expansion)						
20-21-00-605-029	FRC/Const/Capital Outlay/09-01, Kalaheo 1111' & 1222' Water System Improvements (Package A: 100% Yamada Tank, Package B: 66% Clearwell, Package C:6% Pipeline) (Total \$19.2M) Cumulative 52% R&R/48% Expansion		\$ -				
20-21-00-605-102	FRC/Const/Capital Outlay/10-01 Ani-01b anini Rd. WL DOW -Princevl						
20-21-00-605-116	FRC/Const/Capital Outlay/WK-08-Kapaa Homestead 313' 1.0 MG Tank (Ornellas) (100% FRC)		\$ -		\$ -		\$ -
20-21-00-605-161	<i>Hanapēpē River Bridge, Kaumuali'i Highway, Route 50, HI STP SR50 (1) Project, Hanapēpē, Kaua'i, Hawai'i</i>		\$225,000	\$0	\$225,000	\$0	Rollover if State doesn't request funding by June 30,2021
	02-06, WKK-15 - Construct Kilauea 466 Tank, 1.0MG, Puu Pane Well 3 (Expansion - 90%)		\$0		\$0		\$0

STOP -- Correct Sum at top if there are more than 400 line items

TOTAL: BAB/Capital Outlay - R&R/Capital Projects - CM **\$1,623,383** **\$0** **\$44,514** **\$0** **\$0** **\$0**

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019 - 2020 Budget	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget
30-21-00-604-107	Bond/Const/Capital Outlay/XX-YY, KP-09 - MCC, Chlorination Facilities, Koloa Well 16-A and E and 16-B Site and Bldg Improvements (100% RR)	\$ 1,623,383		\$ 44,514			
30-21-00-604-017	Kapaia Cane Haul Road 18" Main (1.45% RR) \$3,241,350	\$ -		\$ -		\$ -	

STOP -- Correct Sum at top if there are more than 400 line items

TOTAL: BAB/Capital Outlay - Expansion/Capital Projects - CM **\$676,543** **\$0** **\$588,360** **\$6,000,000** **\$43,250** **\$6,000,000**

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019 - 2020 Budget	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget
30-21-00-605-118	Bond/Const/Capital Outlay/WK-39-Kapaa Homestead Well No. 4 (100% Expansion)	\$ 676,543		\$ 588,360		\$ 43,250	roll over funding if contract not closed out by June 30,2020
30-21-00-605-029	Bond/Const/Capital Outlay/09-01, Kalaheo 1111' & 1222' Water System Improvements (Package A: 100% Yamada Tank, Package B: 66% Clearwell, Package C:6% Pipeline) (Total \$19.2M) Cumulative 52% R&R/48% Expansion		\$ -		\$6,000,000	0	\$6,000,000
30-21-00-605-017	Kapaia Cane Haul Road 18" Main (98.55% Exp) \$3,241,350, moved 10 W/U)				\$ -		\$ -

STOP -- Correct Sum at top if there are more than 400 line items

General Expenses - Engineering

Account	Description	FY 2018-2019	FY 2019-2020	FY 2019-2020	FY 2020-2021	FY 2020-2021	FY 2021-2022
		Actual	Budget	Actual	Budget	Actual	Budget
Water Utility Fund		256,100	1,688,550	438,071	1,811,400	7,357	1,662,400
10-22-10-540-010	WU/Plan/Admin/Professional Services	\$237,171	\$1,635,000	\$430,041	\$1,785,000	\$6,240	\$1,635,000
10-22-10-561-000	WU/Plan/Admin/Professional Services	\$0	\$0	\$0	\$6,500	\$0	\$0
10-22-10-563-000	WU/Plan/Admin/Operating Supplies	\$332	\$1,000	\$162	\$500	\$1,117	\$1,000
10-22-10-570-010	WU/Plan/Admin/Books, Publications, Subscriptions, and Memberships (NEW)	\$0	\$3,000	\$0	\$3,400	\$0	\$3,900
10-22-10-571-010	WU/Plan/Admin/Training and Development	\$11,050	\$18,000	\$1,100	\$16,000	\$0	\$18,000
10-22-10-572-010	WU/Plan/Admin/Travel & Per Diem	\$7,547	\$25,600	\$5,888	\$0	\$0	\$0
10-22-10-573-010	WU/Plan/Admin/Meeting Expense (NEW)	\$0	\$5,950	\$880	\$0	\$0	\$4,500
	SUMMARY OF OPERATING EXPENSES	\$256,100	\$1,688,550	\$438,071	\$1,811,400	\$7,357	\$1,662,400
10-22-00-604-999	WU/Plan/Capital Outlay - Rehabilitation and Replacement/Misc. Capital Purchases	\$0	\$0	\$0	\$0	\$0	\$0
10-22-00-605-999	WU/Plan/Capital Outlay - Expansion/Misc. Capital Purchases	\$0	\$0	\$0	\$0	\$0	\$0
	SUMMARY OF CAPITAL PURCHASES	\$0	\$0	\$0	\$0	\$0	\$0
	SUMMARY OF OPERATING EXPENSES	\$256,100	\$1,688,550	\$438,071	\$1,811,400	\$7,357	\$1,662,400
	SUMMARY OF CAPITAL PURCHASES	\$0	\$0	\$0	\$0	\$0	\$0
	OPERATING EXPENSES PLUS CAPITAL OUTLAY	256,100	1,688,550	438,071	1,811,400	7,357	1,662,400

TOTAL: WU/Plan/Admin/Operating Supplies

\$332

\$1,000

\$162

\$500

\$2,323

\$1,000

Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual	FY 2021-2022 Budget
Fire Hydrant Testing Kit	Fire Hydrant Flow Testing Tools & Equipment to Calibrate Hydraulic Model						
Equipment and Supplies	Annual replacement of steel toe boots, hard hats, safety vests, ear protection, office workstation ergonomics, etc. As Needed Field Equipment (e.g. traffic cones, misc tools, field tablet, etc.) and supplies.		\$1,000		\$500		\$500
Books / Manuals / Reference Materials	Purchase 10th Edition Manual of Cross -Connection Control, Uniform Plumbing Code, AWWA Manuals, etc. This is not a new request, line item is usually included in Admin's budget, however it would be better to have it with WRP for budget and accounting transparency.						\$500

TOTAL: WU/Plan/Admin/Training and Development

\$11,050

\$18,000

\$1,100

\$16,000

\$18,653

\$18,000

Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual	FY 2021-2022 Budget
ESRI ArcMAP/GIS - Innovyze InfoWater Training Classes	On-site or off-island training courses for the Department's GIS & hydraulic modeling supervisors and implementors. The training courses will include updated and advanced GIS and hydraulic modeling concepts, utilization and implementation.		\$15,000		\$14,000		\$16,000
Training - Various	As needed on-island and/or off-island training to assist with the professional development of the Water Resources and Planning Division's staff. (i.e. Law, Legislation & Regulation updates & changes, GIS & GPS Concepts, Microsoft Training, Business Writing, etc).		\$3,000		\$2,000		\$2,000
Innovyze InfoWater subscription Renewal	Hydraulic Model (Innovyze) Maintenance and Support renewal.		\$0		\$0		
ESRI User Conference	Registration for one (1) staff member to attend the annual ESRI User Conference. Annual ESRI User Conference includes GIS classes, hands on software training, water & utility user group sessions and networking to assist with the professional development of ESRI users. ESRI Users Conference attendees will learn & understand updates and advancements in ESRI GIS services, support and best practices to continue to advance the Department's GIS & hydraulic modeling program.		\$0		\$0		
American Backflow Prevention Association Conference	Registration for two (2) staff members to attend the American Backflow Prevention Association Annual Conference. The American Backflow Prevention Association Annual conference includes, backflow prevention continuing education, backflow prevention device testing certification classes, hands on backflow prevention device training and professional networking with industry professionals to assist with the professional development of backflow prevention implementors. Attendees will learn & understand updates and advancements in backflow prevention research and best practices to continue to advance the Department's backflow prevention program.		\$0		\$0		

TOTAL: WU/Plan/Admin/Travel & Per Diem

\$7,547

\$25,600

\$5,888

\$0

\$0

Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual	FY 2021-2022 Budget
ESRI User Conference	Travel accommodations and per diem for one (1) staff member to attend the annual ESRI User Conference. (Estimate: air fare \$1000, lodging & ground transportation \$2400, per diem \$1350)		\$4,300		\$0		\$0
ESRI Water Conference	Travel accommodations and per diem for one (1) staff member to attend the annual ESRI Water Utilities Conference. (Estimate: air fare \$1000, lodging & ground transportation \$2400, per diem \$1350)				\$0		\$0
American Backflow Prevention Association Conference	Travel accommodations and per diem for one (1) staff member to attend the American Backflow Prevention Association Conference. (Estimate: air fare \$1000, lodging & ground transportation \$1750, per diem \$1000)		\$3,400		\$0		\$0
Hydraulic Modelers Committee	Travel accommodations and per diem for two (2) staff members to attend the quarterly, four (4), Hydraulic Modelers Committee training & meetings. (Estimate: air fare \$1750, lodging & ground transportation \$2500, per diem \$1500)		\$5,200		\$0		\$0
Conference/Training - Various	Travel accommodations and per diem for seven (7) staff member trips to attend off island training & meetings. (Estimate: air fare \$1550, lodging & ground transportation \$2200, per diem \$1350).	\$20	\$5,000		\$0		\$0
American Planning Association Conference	Travel accommodations and per diem for two (2) staff members to attend the American Planning Association Conference. (Estimate: air fare \$2000, lodging & ground transportation \$4000, per diem \$2500)		\$7,700		\$0		\$0

TOTAL: WU/Plan/Admin/Registration Expenses

\$0

\$5,950

\$880

\$0

\$4,500

Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual	FY 2021-2022 Budget
American Backflow Prevention Association Conference	Registration for one (1) staff member to attend the American Backflow Prevention Association Annual Conference. The American Backflow Prevention Association Annual conference includes, backflow prevention continuing education, backflow prevention device testing certification classes, hands on backflow prevention device training and professional networking with industry professionals to assist with the professional development of backflow prevention implementors. Attendees will learn & understand updates and advancements in backflow prevention research and best practices to continue to advance the Department's backflow prevention program.		\$650		\$0		\$650
American Planning Association Conference	Registration for two (2) staff members to attend the American Planning Association Annual Conference. The American Planning Association Annual conference includes, planning area continuing education, focused water utility classes and training and professional networking with industry professionals to assist with the professional development of Planners. Attendees will learn & understand updates and advancements in planning research and best practices to continue to advance the Department's water planning and outreach program.		\$1,500		\$0		\$1,000
Conference/Training - Various - Registration	Registration fees for staff to attend various on-island and off-island professional development training and webinars.		\$2,000		\$0		\$1,000
ESRI User Conference	Registration for one (1) staff member to attend the annual ESRI User Conference. Annual ESRI User Conference includes GIS classes, hands on software training, water & utility user group sessions and networking to assist with the professional development of ESRI users. ESRI Users Conference attendees will learn & understand updates and advancements in ESRI GIS services, support and best practices to continue to advance the Department's GIS & hydraulic modeling program.		\$1,800		\$0		\$1,200
ESRI Water Utilities Conference	Registration for one (1) staff member to attend the annual ESRI Water GIS Conference. Annual ESRI Water GIS Conference includes GIS classes, hands on software training, water utility specific group sessions and networking to assist with the professional development of ESRI users. ESRI Water GIS Conference attendees will learn & understand updates and advancements in ESRI GIS services, support and best practices to continue to advance the Department's GIS & hydraulic modeling program.				\$0		\$650

*NOTE: For 2020 and 2021 - all conferences are intended to be hosted as virtual events. Registration fees are required for participation.

General Expenses - Billing

Account	Description	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 YTD Actual	FY 2021-2022 Proposed
Water Utility Fund		\$ 225,159	\$ 253,373	\$ 138,232	\$ 593,968	\$ 90,954	\$ 249,106
10-30-20-540-010	WU/Bill/Collection/Professional Services - General	\$ 56,245	\$ -	\$ -	\$ 100,000	\$ -	\$ -
10-30-20-541-010	WU/Bill/Collection/Other Services	\$ 20,918	\$ 35,100	\$ 15,083	\$ 26,700	\$ 14,158	\$ 26,700
10-30-20-541-020	WU/Bill/Collection/Billing Costs	\$ 143,393	\$ 206,658	\$ 117,017	\$ 179,418	\$ 74,932	\$ 214,556
10-30-20-561-000	WU/Bill/Collection/Repairs & Maintenance - Other Than Water System				\$ 280,000	\$ -	\$ -
10-30-20-563-000	WU/Bill/Collection/Operating Supplies	\$ 2,688	\$ 4,500	\$ 4,323	\$ 4,500	\$ 1,864	\$ 4,500
10-30-20-570-010	WU/Bill/Collection/Books, Publications, Subscriptions, and Memberships	\$ -	\$ 350	\$ -	\$ 350	\$ -	\$ 350
10-30-20-571-010	WU/Bill/Collection/Training and Development	\$ 550	\$ 3,000	\$ -	\$ 3,000	\$ -	\$ 3,000
10-30-20-572-010	WU/Bill/Collection/Travel and Per Diem	\$ 1,365	\$ 3,765	\$ 1,809	\$ -	\$ -	\$ -
10-30-20-573-010	WU/Bill/Collection/Meeting Expense				\$ -	\$ -	\$ -
Miscellaneous Capital Purchases		\$24,514	\$0	\$0	\$159,000	\$8,559	\$825,000
10-30-00-604-999	WU/Bill/Collection/Capital Outlay - R&R/Misc. Capital Purchases	\$ 24,514	\$ -	\$ -	\$ 159,000	\$ 8,559	\$ 50,000
10-30-00-605-999	WU/Bill/Collection/Capital Outlay - Expansion/Misc. Capital Purchases		\$0	\$0	\$0	\$0	\$775,000
	SUMMARY OF OPERATING EXPENSES	\$ 225,159	\$ 253,373	\$ 138,232	\$ 593,968	\$ 90,954	\$ 249,106
	SUMMARY OF CAPITAL PURCHASES	\$ 24,514	\$ -	\$ -	\$ 159,000	\$ 8,559	\$ 825,000
	OPERATING EXPENSES PLUS CAPITAL OUTLAY	\$ 249,673	\$ 253,373	\$ 138,232	\$ 752,968	\$ 99,513	\$ 1,074,106

TOTAL: WU/Bill/Collection/Professional Services - General **\$56,245** **\$0** **\$100,000** **\$0** **\$0**

Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual as of 2/28/21	FY 2021-2022 Budget
Project Management	To implement online and credit card payments options			\$0	\$0		\$0
CC&B Support and Change Requests	CC&B Software & Hardware Support - Kauai cost allocation						
Project Management	Alternative Billing Software			\$0	\$0		\$0
Consulting Services	Billing Software Services				\$100,000		\$0

WU/Bill/Collection/Repairs &
TOTAL: Maintenance - Other Than Water
 System

\$280,000

\$280,000

\$0

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019-2020 Budget	FY 2019 - 2020 Actual	FY 2020 -2021 Budget	FY 2020-2021 Actual as of 2/28/21	FY 2021-2022 Budget
CCnB Cloud Hosting Services	Multi-year contract	\$ -	\$250,000	\$ -	\$250,000	\$ -	\$0
Customer Care & Billing License	Oracle License - Technical Support	\$ -	\$30,000	\$ -	\$30,000	\$ -	\$0

Note: These items were moved from IT budget.

TOTAL: WU/Bill/Collection/Capital Outlay - R&R/Misc. **\$24,514** **\$0** **\$0** **\$159,000** **\$8,559** **\$50,000**
 Capital Purchases

Line Item	Notes	FY 2019-2020 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual as of 2/28/21	FY 2021-2022 Budget	New Request?
2W pick up truck	Replace CK 2067, 2009 Ford P/U truck with 162,000 miles		\$0					
AWD Compact SUV	Replace CK 2162, 2012 TYT RAV4 with 153,119 miles				\$35,000		\$0	
AWD Compact SUV	Replace CK 2160, 2012TYT RAV4 with 137,284 miles				\$35,000		\$0	
Lobby	Lobby Assessment (Acoustics & Slippery surface floor)		\$0		\$50,000		\$50,000	No
Customer Service Counter	Improvement				\$30,000			
AMR Software/Trimble Handhelds	Handhelds for Meter Readers				\$9,000			

TOTAL: WU/Bill/Collection/Capital Outlay -
Expansion/Misc. Capital Purchases

\$10,000

\$0

\$775,000

Line Item	Notes	FY 2019-2020 YTD Actual as of 2/28/19	FY 2019-2020 Proposed Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual as of 2/28/21	FY 2021-2022 Budget	New Request?
New Billing System	Implementation of a New Customer Information System (CIS) for Billing & Collection.		\$0				\$750,000	Yes
Kiosk							\$25,000	Yes

General Expenses - Accounting

Account	Description	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 YTD Actual	FY 2021-2022 Proposed
Water Utility Fund		\$ 153,017	\$ 373,845	\$ 104,254	\$ 558,210	\$ 106,240	\$ 401,510
10-31-10-540-010	WU/Acctg/Admin/Professional Services - General	\$56,876	\$206,000	\$6,988	\$381,600	\$7,400	\$241,600
10-31-10-540-020	WU/Acctg/Admin/Accounting and Auditing	\$58,668	\$106,800	\$69,900	\$106,800	\$72,000	\$106,800
10-31-10-541-010	WU/Acctg/Admin/Other Services - General	\$10,031	\$25,200	\$13,924	\$21,600	\$14,222	\$21,600
10-31-10-561-000	WU/Acctg/Admin/Repairs & Maintenance - Other than Water System				\$13,700		\$0
10-31-10-562-000	WU/Acctg/Admin/Office Supplies	\$20,307	\$22,000	\$11,901	\$22,000	\$9,966	\$22,000
10-31-10-563-000	WU/Acctg/Admin/Operating Supplies	\$2,184	\$3,000	\$992	\$6,000	\$712	\$3,000
10-31-10-570-010	WU/Acctg/Admin/Books, Publications, Subscriptions, and Memberships	\$200	\$760	\$150	\$760	\$150	\$760
10-31-10-571-010	WU/Acctg/Admin/Training and Development	\$1,075	\$2,000	\$187	\$5,750	\$1,790	\$5,750
10-31-10-572-010	WU/Acctg/Admin/Travel & Per Diem	\$3,675	\$4,485	\$212	\$0	\$0	\$0
10-31-10-573-010	WU/Acctg/Admin/Meeting Expense	\$0	\$600	\$0	\$0	\$0	\$0
Capital Purchases		\$0	\$3,000	\$0	\$0	\$0	\$0
10-31-00-605-999	WU/Bill/Collection/Capital Outlay - Expansion/Misc. Capital Purchases	\$ -	\$ 3,000	\$ -	\$ -	\$ -	\$ -
	SUMMARY OF OPERATING EXPENSES	\$ 153,017	\$ 370,845	\$ 104,254	\$ 558,210	\$ 106,240	\$ 401,510
	SUMMARY OF CAPITAL OUTLAY/ MISC. CAPITAL PURCHASES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	OPERATING EXPENSES PLUS CAPITAL OUTLAY	\$ 153,017	\$ 373,845	\$ 104,254	\$ 558,210	\$ 106,240	\$ 401,510

TOTAL: WU/Acctg/Admin/Professional Services - General \$56,876 \$206,000 \$6,988 \$381,600 \$7,400 \$241,600

Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 YTD Actual as of 2/28/21	FY 2021-2022 Proposed	New Request ?
Bond Counsel	County's allocation to DOW. County makes all decisions regarding issuing and refunding bonds.		\$15,000		\$15,000		\$15,000	No
Actuarial & Valuation Services	OPEB - Other Post Employment Benefits & ERS - County and/or State - fees and costs allocation to DOW.		\$15,000		\$20,600		\$20,600	No
Workers Comp Actuarial Valuation	County's allocation to DOW. County makes all decisions regarding procurement and use of these services.		\$6,000		\$6,000		\$6,000	No
New Water Rate Study for FY 2017-2022	Financial Planning & Rate analysis		\$20,000		\$20,000		\$100,000	Yes
Consulting Services	To assist DOW develop Financial Policies on Financial Planning, Capital Improvement Planning and Prioritization, Debt Issuance and Development of a Capital & Operating Expenditures Budget		\$150,000		\$100,000		\$100,000	
Project Management	Complete Implementation of GP, Office 365 and Sharepoint				\$220,000			

TOTAL: WU/Acctg/Admin/Other Services - General \$10,031 \$25,200 \$13,924 \$21,600 \$14,222 \$21,600

Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 YTD Actual as of 2/28/21	FY 2021-2022 Proposed	New Request ?
Bank Service Fees	Analysis Charge (Average \$1800 per month)		\$25,200		\$21,600	\$14,222	\$21,600	No

TOTAL: WU/Acctg/Admin/Other Services -
General

\$13,700

\$0

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 YTD Actual as of 2/28/21	FY 2021-2022 Proposed	New Request ?
Great Plains	Maintenance & Support				\$9,700		\$0	No
Paramount	Maintenance & Support				\$4,000		\$0	No

Note: Moved these items from IT budget.

TOTAL: WU/Acctg/Admin/Books, Publications, Subscriptions, and Memberships **\$200** **\$760** **\$150** **\$760** **\$150** **\$760**

Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 YTD Actual as of 2/28/21	FY 2021-2022 Proposed	New Request ?
GFOA	Membership for controller (to secure lower rates on conference fees)		\$350		\$350	\$150	\$350	No
Subscriptions	GFOA subscriptions		\$410		\$410		\$410	No

TOTAL: WU/Acctg/Admin/Training and Development \$1,075 \$2,000 \$187 \$5,750 \$1,790 \$5,750

Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 YTD Actual as of 2/28/21	FY 2021-2022 Proposed	New Request ?
Trainings	Staff training		\$2,000		\$2,000	\$1,790	\$2,000	Y
	Leadership training				\$3,750		\$3,750	

TOTAL: WU/Acctg/Admin/Travel & Per Diem

\$3,675

\$4,485

\$212

\$0

\$0

Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 YTD Actual as of 2/28/21	FY 2021-2022 Proposed	New Request ?
Travel & Per Diem	GFOA Conference - Continuing Education for GAAP and GASB updates			\$3,765		\$0	\$0	NO
	Airfare for 1 (\$1,400)							
	Hotel (\$240*5)							
	Per diem (\$145*7)							
	Miscellaneous (\$150)							
Interisland meetings	Interisland travels (240 * 3)			\$720		\$0	\$0	

TOTAL: WU/Acctg/Admin/Meeting Expense

\$0 \$600 \$0 \$0 \$0

Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 YTD Actual as of 2/28/21	FY 2021-2022 Proposed	New Request ?
Registration	GFOA Conference registration		\$600		\$0		\$0	No

Account	Description	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual	FY 2021-2022 Proposed
Water Utility Fund		15,599,461	20,095,410	17,574,713	18,701,793	13,710,629	26,161,059
10-01-10-530-060	WU/Admin/Admin/Post-Employment Benefits (OPEB)	\$1,011,000	\$1,077,000	\$1,041,000	\$1,077,000	\$789,394	\$1,143,000
10-00-10-547-000	WU/Acctg/Admin/County Service Charge	\$2,174,298	\$2,136,510	\$2,174,298	\$2,174,298	\$1,449,532	\$2,174,298
10-00-90-580-000	WU/Depreciation/Depreciation**	\$6,153,980	\$7,314,750	\$7,000,563	\$6,500,000	\$4,642,489	\$7,190,082
10-00-90-581-000	WU/Depreciation/Amortization**	\$752,653	\$700,000	\$231,449	\$752,653	\$156,315	\$752,653
10-00-90-582-000	WU/Inflows/Outflows**	-\$41,932	-\$41,932	-\$41,932	-\$41,932	-\$27,954	-\$41,932
10-00-00-582-000	WU/Interest Expense	\$3,139,065	\$3,268,048	\$2,126,288	\$3,067,232	\$1,990,302	\$2,860,863
10-00-00-590-000	WU/Transfers to/from Other Funds	-\$2,987,016	\$0	\$0	\$0	\$0	\$0
10-00-00-590-001	WU/Transfers to Other Funds (DSR)	\$0	-\$200,000	\$0	\$0	\$0	\$0
10-00-00-590-002	WU/Transfers to Other Funds (ER)	\$0	\$800,000	\$0	\$0	\$0	\$0
10-00-00-602-000	WU/Loan Proceeds	\$0	\$0	\$0	\$0	\$0	\$4,900,000
10-00-00-682-000	WU/Debt Principal Expense	\$4,883,749	\$5,017,034	\$5,031,869	\$5,160,541	\$4,704,260	\$5,170,095
20-00-00-590-000	FRC/Transfers to Other Funds	\$500,000	\$0	\$0	\$0	\$0	\$2,000,000
30-31-10-541-010	Bond/Transfers to Other Funds	\$13,664	\$24,000	\$11,177	\$12,000	\$6,291	\$12,000
60-00-00-590-000	SRF/Transfers to Other Funds	\$0	\$0	\$0	\$0	\$0	\$0

**Depreciation/Amortization/Bond Inflows & Outflows - non cash budget items

TOTAL: WU/Admin/Admin/Post-Employment Benefits (OPEB) **\$1,011,000 \$1,077,000 \$1,041,000 \$1,077,000 \$789,394 \$1,143,000**

Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual	FY 2021-2022 Budget
OPEB - ARC	Other Post employment Benefits - Annual Required Contribution per Actuarial Valuation Report as of 7/1/2020	\$1,011,000	\$1,077,000	\$1,041,000	\$1,077,000	\$789,394	\$1,143,000

TOTAL: WU/Acctg/Admin/County Service Charge \$2,174,298 \$2,136,510 \$2,174,298 \$2,174,298 \$1,449,532 \$2,174,298

Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Proposed Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual	FY 2021-2022 Budget
County Service Charge	2,645 - 6" @ \$804 = \$2,126,580; 28 - 4" Hydrant @ \$276.00 = \$7,728 ; 310 - Standpipes @ \$129.00 = \$39,990		\$2,136,510		\$2,174,298		\$2,174,298

TOTAL: WU/Depreciation/Depreciation**

\$6,153,980

\$7,314,750

\$7,000,563

\$6,500,000

\$4,642,489

\$7,190,082

Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Proposed Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual	FY 2021-2022 Budget
Depreciation	Depreciation based on DOW financials		\$7,314,750		\$6,500,000		\$7,190,082

TOTAL: WU/Depreciation/Amortization**

\$752,653

\$700,000

\$231,449

\$752,653

\$156,315

\$752,653

Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Proposed Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual	FY 2021-2022 Budget
Amortization	Amortization based on FY 2019 financials		\$700,000	\$231,449	\$752,653	\$156,315	\$752,653

TOTAL: WU/Inflows/Outflows**

-\$41,932

-\$41,932

-\$41,932

-\$41,932

-\$27,954

-\$41,932

Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Proposed Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2019-2020 Actual	FY 2020-2021 Budget
Amortization	Amortization based on financials		-\$41,932	-\$41,932	-\$41,932	-\$27,954	-\$41,932

TOTAL: WU/Interest Expense

\$3,440,092 \$3,139,065 \$3,268,048 \$2,126,288 \$3,067,232 \$1,990,302 \$2,860,863

Line Item	Notes	FY 2016-2017 Actual	FY 2018-2019 Actual	FY 2019-2020 Proposed Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual	FY 2021-2022 Budget
10-00-00-582-02	Kauai GOB 2011 A Series (97.1)			\$98,850		\$83,250		\$70,138
10-00-00-582-04	2012A Water Bonds -Refunded Part of 2005A (97.3)			\$89,238		\$83,213		\$76,088
10-00-00-582-05	2010A Series -BAB (92)			\$2,497,446		\$2,397,178		\$2,288,486
10-00-00-582-06	2005A Water Bonds, Partial Refunding of 2001 Series A (87)			\$31,463		\$17,731		\$5,625
10-00-00-582-14	DW400-0001 - Stable 1.0 MG Tank (89)			\$132,053		\$118,623		\$105,216
10-00-00-582-21	DW400-0011 - Plh 39a, Lihue Baseyard			\$23,622		\$22,103		\$20,611
10-00-00-582-08	DW404-0001 - Hanapepe 27" Pipeline (81)			\$6,894		\$5,298		\$3,686
10-00-00-582-07	DW404-0002 - Hanapepe River Crossing (80)			\$12,367		\$9,504		\$6,610
10-00-00-582-19	DW406-0001 - Kapilimao Well (99)			\$5,993		\$3,830		\$1,651
10-00-00-582-17	DW406-0003 - Kapilimao 0.5 MG Tank (94)			\$79,570		\$72,321		\$65,038
10-00-00-582-15	DW406-0005 - Kaunualii Hwy 12 inch Main Repl Elepaio (90)			\$76,186		\$68,867		\$61,516
10-00-00-582-13	DW408-0002 - Poipu Rd 16 inch main (88)			\$70,693		\$61,623		\$52,534
10-00-00-582-18	DW410-0001 - Kokolau (98)			\$9,981		\$5,583		\$1,121
10-00-00-582-10	DW410-0005 - Lihue Steel Tanks 1 & 2 (83)			\$14,498		\$12,007		\$9,503
10-00-00-582-09	DW413-0002 - Wailua Homesteads Well No. 3 (82)			\$3,930		\$3,109		\$2,286
10-00-00-582-11	DW413-0005 - Ornellas 0.2 MG Tank (84)			\$9,658		\$7,996		\$6,332
10-00-00-582-12	DW413-0006 - 16" Waterline Kuhio Hwy Wailua (85)			\$28,210		\$24,050		\$19,882
10-00-00-582-20	DW413-0008 - Wailua Houselots Main Repl			\$40,282		\$37,397		\$34,571
10-00-00-582-16	DW434-0003 - Waha, Wawae & Niho (91)			\$37,116		\$33,550		\$29,970
10-00-90-582-000	WU/bond Inflows & Outflows							

TOTAL: WU/Transfers to/from Other Funds

-\$2,987,016

\$0

\$0

\$0

Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Proposed Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual	FY 2021-2022 Budget
Transfer SRF Loan forgiveness	Transfer estimated proceeds from SRF loan forgiveness to SRF fund						
Transfer SRF Loan Proceeds	Transfer estimated proceeds from SRF loan to SRF fund						

TOTAL: WU/Transfers to Other Funds (DSR)

-\$200,000

Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Proposed Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual	FY 2021-2022 Budget
	Debt Service Reserve (50% of annual debt service, \$2.1M transferred)		-\$200,000				

TOTAL: WU/Transfers to Other Funds (ER)

\$800,000

Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Proposed Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual	FY 2021-2022 Budget
25% of \$25.8M less \$3.6M transferred	Emergency Reserve (25% of Operating Expenses, \$5.9M transferred)		\$800,000				

TOTAL: WU/Loan Proceeds

\$0

\$0

\$4,900,000

Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Proposed Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual	FY 2021-2022 Budget
SRF Loan Proceeds	SRF Loan Proceeds						\$4,900,000

TOTAL: WU/Debt Principal Expense

\$4,717,296 \$4,883,749 \$5,017,034 \$5,031,869 \$5,160,541 \$4,704,260 \$5,170,095

Line Item	Notes	FY 2016-2017 Actual	FY 2018-2019 Actual	FY 2019-2020 Proposed Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual	FY 2021-2022 Budget
01-00-00-682-01	1980 FmHA (93)							
01-00-00-682-02	Kauai GOB 2011 A Series (97.1)			\$340,000		\$355,000		\$370,000
01-00-00-682-04	2012A Water Bonds -Refunded Part of 2005A (97.3)			\$170,000		\$175,000		\$180,000
01-00-00-682-05	2010A Series -BAB (92)			\$2,275,000		\$2,375,000		\$2,485,000
01-00-00-682-06	2005A Water Bonds, Partial Refunding of 2001 Series A (87)			\$290,000		\$305,000		\$225,000
01-00-00-682-14	DW400-0001 - Stable 1.0 MG Tank (89)			\$381,229		\$382,261		\$383,236
01-00-00-682-21	DW400-0011 - Plh 39a, Lihue Baseyard			\$99,579		\$100,100		\$100,590
01-00-00-682-08	DW404-0001 - Hanapepe 27" Pipeline (81)			\$37,552		\$37,924		\$38,301
01-00-00-682-07	DW404-0002 - Hanapepe River Crossing (80)			\$67,385		\$68,053		\$68,729
01-00-00-682-19	DW406-0001 - Kapilimao Well (99)			\$50,548		\$51,064		\$51,600
01-00-00-682-17	DW406-0003 - Kapilimao 0.5 MG Tank (94)			\$197,385		\$198,212		\$199,047
01-00-00-682-15	DW406-0005 - Kaumualii Hwy 12 inch Main Repl Elepaio (90)			\$205,003		\$205,655		\$206,316
01-00-00-682-13	DW408-0002 - Poipu Rd 16 inch main (88)			\$265,991		\$266,415		\$266,843
01-00-00-682-18	DW410-0001 - Kokolau (98)			\$94,895		\$96,199		\$48,655
01-00-00-682-10	DW410-0005 - Lihue Steel Tanks 1 & 2 (83)			\$67,089		\$67,397		\$67,708
01-00-00-682-09	DW413-0002 - Wailua Homesteads Well No. 3 (82)			\$21,588		\$21,707		\$21,824
01-00-00-682-11	DW413-0005 - Ornellas 0.2 MG Tank (84)			\$43,188		\$43,445		\$43,694
01-00-00-682-12	DW413-0006 - 16" Waterline Kuhio Hwy Wailua (85)			\$121,964		\$122,158		\$122,354
01-00-00-682-20	DW413-0008 - Wailua Houselots Main Repl			\$188,777		\$189,772		\$190,697
01-00-00-682-16	DW434-0003 - Waha, Wawae & Niho (91)			\$99,862		\$100,179		\$100,501

TOTAL: FRC/Transfers to Other Funds

\$0

\$500,000

\$0

\$2,000,000

Line Item	Notes	FY 2016-2017 Actual	FY 2018-2019 Actual	FY 2019-2020 Proposed Budget	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual	FY 2021-2022 Budget
Transfer to W/U	Proportionate FRC Debt Service			\$0				
	(FY 2016 = 2,500,668)							
	**recorded \$1,933,657 in FY 2017							
	** Bal of FY 2016 of 567,011 will be transferred as of 6/30/18.							
	**recorded \$600,668 in FY 2018							
	**recorded \$500,000 in FY 2019							
	(FY 2017 = \$							

Operations Division

Program Budget – FY2021 - 2022

PROGRAM DESCRIPTION

The Operations Division is responsible for maintaining and operating the Department's water distribution network, water storage facilities and water producing sources. This infrastructure provides potable water to approximately 21,000 metered services in sufficient quantities, at adequate pressures, with minimum interruptions and of a quality safe and suitable for human consumption as mandated by the United States Environmental Protection Agency (USEPA) and the Safe Drinking Water Act (SDWA).

As water is an essential commodity, emergency repairs and trouble calls are provided round-the-clock on an as-needed basis. In order to accomplish its mission, the Operations' Division maintains and stocks a complete inventory of materials and supplies for assurances that repairs are completed in a timely manner. This Division handles the smaller construction projects and participates in large pipeline installation projects. It also initiates field engineering to ensure efficient operations. Along with the responsibilities of providing potable water, it provides the Department's fleet management functions and is responsible with the maintenance, repairs and replacement of vehicles and equipment.

Under the direction of the Chief of Operations, the Division consists of the Administrative Section, Plant Operations Section and the Field Operations Section. There are 58 permanent positions and 11 temporary as needed positions for the Division.

PROGRAM OBJECTIVES

Our daily activities are centered along the following:

1. Operating, monitoring, and maintaining 53 deep well pumping stations, 19 booster pumping stations along with its associated electrical motor control centers and chlorination disinfection equipment, 4 tunnel sources, 62 storage tanks, 75 control valve stations,
2. Maintaining, repairing, and replacing mechanical and electrical malfunctioning components, equipment and infrastructure to maintain water service.

3. Maintaining and repairing the Department's 49 vehicles, 1 electric car, 5 mini-excavator, 2 backhoes, 3 skid steer loaders along with their various attachments, 1- 2,000 gallon water tanker truck, 6 dump trucks, 1 portable air compressor, 11 trailers, 12 trailer-mounted generators ranging in sizes from 70 KW to 400 KW, 2 light towers, 2 riding lawn mowers and numerous motorized hand-operated construction equipment.
4. Operating, monitoring, repairing and maintaining 400+ miles of pipelines and approximately 21,000+ consumer water service connections and meters, 4,000+ valves, 2,645+ fire hydrants and standpipes.
5. Installing new service connections and meters including the replacement of defective meters and those in service for 20 years. Providing temporary water services through hydrant meter connections for construction activities like dust control and landscaping.

In addition to our daily activities, some of the major occurrences and tasks performed by the Operations Division during FY 2020-2021 were:

Personnel

- The following positions were vacated:
 - One (1) Pipefitter (Retirement)
 - One (1) Lead Pipefitter (Reallocation to Water Service Investigator II)
 - One (1) Groundskeeper (Promotion to Utility Worker)
 - One (1) Account Clerk (Transfer/Promotion to I.T.)
 - One (1) Meter Mechanic (Promotion to Lead Meter Mechanic)
 - One (1) Utility Worker (Promotion to Maintenance Worker I)
 - One (1) Construction and Maintenance Worker I (promotion to Maintenance Worker II)
 - One (1) Assistant Water Plant Operator (promotion to Water Plant Operator I)
 - One (1) Pipefitter Helper (promotion to Pipefitter)
- One (1) vacant Pipefitter filled
- One (1) vacant Construction and Maintenance Worker I position filled
- Vacant Maintenance Worker I position filled

- Vacant Groundskeeper position filled
- Vacant Water Service Investigator II position filled
- Recruitments:
 - Utility Worker
 - Lead Pipefitter
 - Pipefitter
 - Pipefitter Helper
 - Automotive Mechanic
 - Senior Account Clerk
 - Repair Shop Supervisor

Source and Storage

- Contract 699, Installation of on-site Sodium Hypochlorite generation at Kapilimao Well on-going.
- Contract 703 Waimea Well B refurbishment, on-going.
- Contract 687 Anahola Well A refurbishment, on-going
- Contract 693 Koloa Well D refurbishment, on-going

Distribution

- As of February 28, 2021, distribution system operators responded to 275 emergency calls reporting pipeline and hydrant leaks.
- As of February 28, 2021, Operations Division personnel responded to 216 Hawaii One Call Center requests from contractors and developers for water line location markings.
- Crews responded to 102 meter boxes related calls, and installed/replaced/repared/maintained 424 meters.
- A total of 20 live taps were performed.
- A total of 19 service laterals were installed or replaced.
- Hydrant crew replaced 4 fire hydrants
- A total of 13 temporary hydrant meter applications were processed and installed.
- Operated valves on thirteen (13) occasions to allow contractors to tie-in to DOW distribution system.

Ops Inventory, Warehouse and Baseyard Area

- Old vehicles and equipment to be auctioned. Unusable were brought to Puhi Metals Recycling for disposal. Usable vehicles were refurbished for temporary use during COVID-19 Pandemic to comply with social distancing guidelines. Carpooling is discouraged.
- Contract C627 extended, MPET maintenance
- Contract C632 extended, SCADA maintenance.
- Contract C648 on-going, Air conditioning maintenance.
- Contract 686 vehicle for emergency generator mechanic, received
- Contract 696 heavy equipment trailers (3x) received
- Contract 691 Water Service Investigator truck, received
- Contract 694 utility truck, received
- Contract 695 dump truck, received
- Contract 692 hydrants and appurtenances, received

GOALS FOR THE 2021-2022 FISCAL YEAR

1. Recruit to fill vacant positions.
2. Complete offices and work stations for Operations Division at Microlab second floor.
3. Replace AMR with AMI meters.
4. Demolish old admin building.
5. Construct parking lot on old admin building site.
6. Construct temporary offices on 2nd floor Microlab.
7. Construct temporary work stations for supervisors and working supervisors.
8. Continue with progress made in converting from paper to electronic timesheets and have all Ops personnel on electronic timesheets.
9. Continue with the progress made in reminding employees to follow chain of command.
10. Continue and speed targeted pipeline and service lateral replacements.
11. Obtain quotes and execute contract for on-site generation of Sodium Hypochlorite.
12. Review and update the Department's Safety Program. Implement in daily operations.

13. Continue in-house projects of replacing transmission and main lines that are prone to breakage.
14. Continue in-house construction projects related to repair and maintenance of structures and infrastructure located within Department of Water remote sites.
15. Continue with the progress made in quickly responding to trouble and/or emergency calls.
16. Continue with the progress of having a weeklong standby crew that improved response time to leak reports received after regular office hours and on weekends and holidays.
17. Continue with the progress of reducing electric consumption.
18. Continue with the progress of reducing water loss and unbilled water.
19. Continue with the progress of replacing old and defective residential meters with new AMI meters for better billing accuracy.

General Expenses - Operations

Account	Description	FY 2018-2019 Actual	FY 2019-2020 Proposed	FY 2019-2020 Actual	FY 2020-2021 Proposed	FY 2020-2021 YTD Actual	FY 2021-2022 Proposed
Operating Expenses		\$5,023,638	\$6,156,677	\$5,256,892	\$6,042,177	\$3,024,466	\$6,859,796
10-40-60-540-010	WU/Ops/TandD/Professional Services - General	\$0	\$1	\$0	\$1	\$0	\$550,000
10-40-60-541-010	WU/Ops/TandD/Other Services	\$294	\$2,000	\$662	\$1,500	\$294	\$2,000
10-40-50-543-000	WU/Ops/Power/Pump/Communication Services	\$215	\$0	\$0	\$0	\$51	\$0
10-40-60-545-000	WU/Ops/TandD/Rentals and Leases	\$38,903	\$50,000	\$22,294	\$50,000	\$23,953	\$50,000
10-40-50-551-000	WU/Ops/Power/Pump/Utility Services	\$2,556,208	\$2,700,000	\$2,311,544	\$2,700,000	\$1,510,948	\$2,700,000
10-40-50-560-000	WU/Ops/PandP/Repairs and Maintenance - Water System	\$40,658	\$50,000	\$57,480	\$40,000	\$10,867	\$40,000
10-40-60-560-000	WU/Ops/TandD/Repairs and Maintenance - Water System	\$110,775	\$171,000	\$249,276	\$171,000	\$7,853	\$171,000
10-40-60-561-000	WU/Ops/TandD/Repairs and Maintenance - Other than Water System	\$73,912	\$209,000	\$108,472	\$270,000	\$114,655	\$526,200
10-40-30-563-000	WU/Ops/Source/Operating Supplies	\$52,877	\$60,000	\$86,811	\$60,000	\$16,657	\$60,000
10-40-40-563-000	WU/Ops/Purification/Operating Supplies	\$115,070	\$101,000	\$98,154	\$91,000	\$44,796	\$101,920
10-40-50-563-000	WU/Ops/PandP/Operating Supplies	\$53,144	\$185,000	\$69,278	\$35,000	\$25,280	\$35,000
10-40-60-563-000	WU/Ops/TandD/Operating Supplies	\$590,894	\$255,000	\$560,290	\$255,000	\$243,829	\$255,000
10-40-50-563-010	WU/Ops/PandP/Operating Supplies/Invty. Stock	\$0	\$15,000	\$11,873	\$15,000	\$10,189	\$15,000
10-40-60-563-010	WU/Ops/TandD/Operating Supplies/Invty. Stock	\$0	\$396,000	\$0	\$386,000	\$205,610	\$386,000
10-40-60-564-000	WU/Ops/TandD/Fuel	\$101,324	\$115,500	\$105,941	\$122,500	\$55,694	\$122,500
10-40-30-565-000	WU/Ops/Source/Bulk Water Purchase	\$1,255,770	\$1,816,176	\$1,546,547	\$1,820,176	\$740,141	\$1,820,176
10-40-60-571-010	WU/Ops/TandD/Training & Development	\$22,085	\$25,000	\$21,864	\$25,000	\$13,649	\$25,000
10-40-60-572-010	WU/Ops/TandD/Travel & Per Diem	\$6,983	\$6,000	\$5,406	\$0	\$0	\$0
10-40-60-573-010	WU/Ops/TandD/Meeting Expense	\$4,525	\$0	\$1,000	\$0	\$0	\$0
Miscellaneous Capital Purchases		\$1,253,093	\$1,065,000	\$604,686	\$789,200	\$464,589	\$5,414,500
10-40-00-604-999	WU/Ops/Capital Outlay - R&R/Misc. Capital Purchases	\$722,596	\$590,000	\$513,655	\$771,000	\$279,720	\$5,299,500
10-40-00-605-999	WU/Ops/Capital Outlay - Expansion/Misc. Capital Purchases	\$530,497	\$475,000	\$91,031	\$18,200	\$184,869	\$115,000
Capital Outlay		\$0	\$0	\$816,226	\$2,201,962	\$2,673,422	\$0
10-40-00-604-166	WU/Ops/Capital Outlay - R&R/SWTP	\$0	\$0	\$816,226	\$2,201,962	\$2,673,422	\$0
	SUMMARY OF OPERATING EXPENSES	<u>\$5,023,638</u>	<u>\$6,156,677</u>	<u>\$5,256,892</u>	<u>\$6,042,177</u>	<u>\$3,024,466</u>	<u>\$6,859,796</u>
	SUMMARY OF CAPITAL PURCHASES	<u>\$1,253,093</u>	<u>\$1,065,000</u>	<u>\$604,686</u>	<u>\$789,200</u>	<u>\$464,589</u>	<u>\$5,414,500</u>
	SUMMARY OF CAPITAL OUTLAY	<u>\$0</u>	<u>\$0</u>	<u>\$816,226</u>	<u>\$2,201,962</u>	<u>\$2,673,422</u>	<u>\$0</u>
	OPERATING EXPENSES PLUS CAPITAL OUTLAY	<u>\$6,276,731</u>	<u>\$7,221,677</u>	<u>\$6,677,803</u>	<u>\$9,033,339</u>	<u>\$6,162,477</u>	<u>\$12,274,296</u>

TOTAL: WU/Ops/TandD/Professional Services - General

\$0

\$1

\$1

\$0

\$550,000

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019 - 2020 Budget	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual as of 2/28/21	FY 2021 - 2022 Proposed
Medical Practitioner	Independent Medical Examiner - to examine employees with established patterns of sick leave abuse			\$1		\$1	
Various MCC Refurbishments PER	Preliminary Engineering Report and Assessment						
EA, Design & Permitting	Design for Kilohana Sodium Hypochlorite OSG Housing						\$250,000
Demolition	Old Admin Building Demolition						\$300,000

TOTAL: WU/Ops/TandD/Other Services

\$294

\$2,000

\$662

\$1,500

\$294

\$2,000

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019 - 2020 Budget	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual as of 2/28/21	FY 2021 - 2022 Proposed
One Call	One Call Center		\$2,000	\$662	\$1,500		\$2,000

TOTAL: WU/Ops/Power/Pump/Communication Services

\$215

\$0

\$0

\$51

\$0

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019 - 2020 Budget	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual as of 2/28/21	FY 2021 - 2022 Proposed
Phone service for alarm circuits	24 circuits Budget Transferred to IT			\$0	\$0		\$0
Cell phones for standby personnel	26 phones (23 personnel, 3 for alarm surges) See IT Budget			\$0	\$0		\$0
DSL Service for employee to access SCADA from home	1 DSL Services - Budgeted in IT			\$0	\$0		\$0

TOTAL: WU/Ops/TandD/Rentals and Leases \$38,903 \$50,000 \$22,294 \$50,000 \$23,953 \$50,000

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019 - 2020 Budget	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual as of 2/28/21	FY 2021 - 2022 Proposed
Construction equipment rentals.	Equipment rental. (e.g. excavator, roller, loader, scissor lift, boom lift, etc.)		\$50,000		\$50,000	\$23,953	\$50,000

TOTAL: WU/Ops/Power/Pump/Utility Services

\$2,556,208 \$2,700,000 \$2,311,544 \$2,700,000 \$1,510,948 \$2,700,000

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019 - 2020 Budget	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual as of 2/28/21	FY 2021 - 2022 Proposed
Pumping facility electricity	63 accounts		\$2,654,000		\$2,654,000		\$2,654,000
Tank sites and Garage Building electricity	25 Tank sites and one garage building.		\$46,000		\$46,000		\$46,000

TOTAL: WU/Ops/PandP/Repairs and Maintenance - Water System **\$40,658** **\$50,000** **\$57,480** **\$40,000** **\$10,867** **\$40,000**

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019 - 2020 Budget	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual as of 2/28/21	FY 2021 - 2022 Proposed
Pump replacement program	Including emergency pump replacement and repairs, ongoing program.		\$50,000		\$40,000	\$10,867	\$40,000

TOTAL: WU/Ops/TandD/Repairs and Maintenance - Water System **\$110,775** **\$171,000** **\$249,276** **\$171,000** **\$7,853** **\$171,000**

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019 - 2020 Budget	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual as of 2/28/21	FY 2021 - 2022 Proposed
Outside contractual services	Includes waste management, maintaining and repairing plant facilities, maintenance of facilities, maintenance of tunnel sources, alarm circuits.		\$20,000		\$20,000		\$20,000
SCADA System Integrator Consulting and Maintenance Contract (Annually)	Outside services - Islandwide SCADA control system remote site maintenance.		\$150,000		\$150,000		\$150,000
Easement 5-1-5:23	Annual Lease - Easement for booster pump station on Wailapa		\$1,000		\$1,000		\$1,000

TOTAL: WU/Ops/TandD/Repairs and Maintenance - Other than Water System **\$73,912 \$209,000 \$108,472 \$270,000 \$114,655 \$526,200**

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019 - 2020 Budget	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual as of 2/28/21	FY 2021 - 2022 Proposed
Rehab and Restoration Services	Roadway rehab and repairs		\$55,000		\$40,000		\$40,000
Baseyard Parking Lot	Baseyard Parking Lot		\$0		\$0		\$0
Vehicle maintenance and service	Outside repair services and maintenance.		\$55,000		\$40,000		\$40,000
Debris and HazMat Disposal	Landfill and Off-Island disposal		\$20,000		\$20,000		\$20,000
Building Equipment Repairs	Building Equipment Repairs		\$10,000		\$5,000		\$5,000
A/C & Refrigerator Maintenance	A/C & Ref. Maint. For OPS Bldg., Microlab, New Admin Bldg., Old Admin Bldg.		\$40,000		\$40,000		\$40,000
Elevator Maintenance	Elevator Maint. For New Admin Bldg., & Microlab		\$5,000		\$5,000		\$5,000
Fire Protection	Fire Extinguishers		\$4,000		\$5,000		\$5,000
Alarm Service	Alarm Services and Maintenance		\$20,000		\$20,000		\$20,000
Offices	Operations offices furnitures and equipment				\$75,000		\$50,000
MPET/MMIS	Moved from IT budget				\$20,000		\$0
Cyberlock	Cloud Hosting						\$1,200
Demolition of Old building	Demolition of Old building						\$300,000

TOTAL: WU/Ops/Source/Operating Supplies \$52,877 \$60,000 \$86,811 \$60,000 \$16,657 \$60,000

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019 - 2020 Budget	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual as of 2/28/21	FY 2021 - 2022 Proposed
Miscellaneous Rehab Projects	construction, maintenance and rehabilitation projects.		\$60,000		\$60,000	\$16,657	\$60,000
Sodium Hypochlorite On-Stite Generation	Kilohana OSG						\$0

TOTAL: WU/Ops/Purification/Operating Supplies

\$115,070

\$101,000

\$98,154

\$91,000

\$44,796

\$101,920

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019 - 2020 Budget	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual as of 2/28/21	FY 2021 - 2022 Proposed
Sodium Hypochlorite and Chlorine Gas	Chemical supplies for disinfection		\$95,000		\$85,000		\$95,200
Soda Ash	pH control for source water.		\$6,000		\$6,000		\$6,720

TOTAL: WU/Ops/PandP/Operating Supplies \$53,144 \$185,000 \$69,278 \$35,000 \$25,280 \$35,000

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019 - 2020 Budget	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual as of 2/28/21	FY 2021 - 2022 Proposed
Electrical parts and materials	Repair parts for plant electricians to maintain, repair, and operate electrical pumping plants, booster stations, buildings, and structures.		\$35,000		\$35,000		\$35,000
Sodium Hypochlorite on-site generation	Sodium Hypochlorite on-site generation (Moved to 10-40-30-563-000)		\$150,000				

TOTAL: WU/Ops/TandD/Operating Supplies

\$590,894

\$255,000

\$560,290

\$255,000

\$243,829

\$255,000

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019 - 2020 Budget	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual as of 2/28/21	FY 2021 - 2022 Proposed
Meter Parts	Repair parts and field testing equipment			\$15,000	\$15,000		\$15,000
Road repair supplies	Cold mix and other roadway patching materials			\$90,000	\$85,000		\$85,000
Traffic Safety Signs and Equipment	New safety and traffic control signs.			\$8,000	\$8,000		\$8,000
Safety Equipment	Cost of safety shoes, safety glasses, PUC exams, respiratory exams, uniform shirts, safety clothing, replacement tools, equipment as mandated and required by OSHA, and collective bargaining agreements. New tools and equipment for new maintenqnce worker crew			\$35,000	\$40,000		\$40,000
Miscellaneous expenditures	damages to property, and expenditures not classified elsewhere.			\$5,000	\$5,000		\$5,000
Operational materials, supplies, and accessories.	Repair and maintenance materials for plant buildings and structures, equipment parts, pest and weed control, small tool purchases and replacements, trench patching and road repairs. (\$50K budget under 102)			\$50,000	\$50,000		\$50,000
Vehicle parts and materials	Cost of repair and maintenance of motor vehicles and power operated equipment, parts, accessories, tires, tire repairs, safety checks, batteries, and oil. (\$50K budget under 102)			\$45,000	\$45,000		\$45,000
Operational Equipment less than \$5,000 per Board Policy No. 3, Item No. 4	Furnitures & Fixtures <\$5,000.			\$2,000	\$2,000		\$2,000
Operational Equipment less than \$5,000 per Board Policy No. 3, Item No. 4	Tools and Equipment <\$5,000. Includes but not limited to purchase of new computers			\$5,000	\$5,000		\$5,000

TOTAL: WU/Ops/PandP/Operating Supplies/Invty. Stock \$0 \$15,000 \$11,873 \$15,000 \$10,189 \$15,000

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019 - 2020 Budget	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual as of 2/28/21	FY 2021 - 2022 Proposed
Electrical parts and materials	inventory Stock for repair parts for plant electricians to maintain, repair, and operate electrical pumping plants, booster stations, buildings, and structures.		\$15,000		\$15,000	\$10,189	\$15,000

TOTAL: WU/Ops/TandD/Operating Supplies/Invty. Stock **\$0** **\$396,000** **\$0** **\$386,000** **\$205,610** **\$386,000**

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019 - 2020 Budget	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual as of 2/28/21	FY 2021 - 2022 Proposed
Small pipeline and service line replacement parts	Pipe and valves		\$37,000		\$37,000		\$37,000
Large inventory items	Large diameter pipe, valves, and other items in inventory		\$14,000		\$14,000		\$14,000
New & Replacement- 5/8" meters	300 ea @ \$200		\$60,000		\$60,000		\$60,000
Replacement meters, all other sizes	65 others @ \$600		\$39,000		\$39,000		\$39,000
Replacement meter boxes and covers type b	100 ea @ \$85		\$8,000		\$8,000		\$8,000
Replacement meter boxes and covers type x	100 ea @ \$115		\$3,000		\$3,000		\$3,000
Hydrant replacement	Ongoing hydrant replacement program, as needed.		\$60,000		\$85,000		\$85,000
Stock Inventory Items	Warehouse inventory parts and materials. (\$150K budget under 102)		\$125,000		\$100,000		\$100,000
SCADA Replacement Parts Inventory	Inventory parts		\$50,000		\$40,000		\$40,000

TOTAL: WU/Ops/TandD/Fuel

\$101,324 \$115,500 \$105,941 \$122,500 \$55,694 \$122,500

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019 - 2020 Budget	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual as of 2/28/21	FY 2021 - 2022 Proposed
diesel for utility fleet	16,000 gallons at \$3.50 per gallon; includes increase due to generator use			\$56,000	\$56,000		\$56,000
gasoline for utility fleet	16,000 gallons at \$3.50 per gallon; includes increase due to new vehicles			\$56,000	\$56,000		\$56,000
Non-ethanol fuel	fuel for small engines - 1000 gallons at \$3.50 per gallon			\$3,500	\$10,500		\$10,500

TOTAL: WU/Ops/Source/Bulk Water Purchase

\$1,255,770

\$1,816,176

\$1,546,547

\$1,820,176

\$740,141

\$1,820,176

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019 - 2020 Budget	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual as of 2/28/21	FY 2021 - 2022 Proposed
Princeville Utilities for Anini	24MG per Year x \$2.40 per thousand gallons plus \$148 per month standby charge		59,376.00		59,376.00		59,376.00
Princeville Tract Subdivision	0.7 MG per year X \$2.00 per thousand gallons plus \$6.11 per month for standby charge		\$1,900		\$1,900		\$1,900
Princeville Tank	1 MG per year X \$2.00 per thousand gallons plus \$230 per month standby charge		\$10,800		\$10,800		\$10,800
Plantation Road Tank	0.7 MG per year X \$2.00 per thousand gallons plus \$70 per month for standby charge		\$2,250		\$2,250		\$2,250
Grove Farm Water Purchase Agreement	2.5MGD @ 365 days @ \$2.00 per thousand gallons		\$1,733,750		\$1,733,750		\$1,733,750
Moloaa	0.7MG at \$1.44 per thousand gallons		\$1,000		\$5,000		\$5,000
Kalihiwai Bay Estate Water Association	1 mG @ \$5 per thousand gallons		\$5,000		\$5,000		\$5,000
Anahola Emergency Interconnection	Annual fee for interconnectoin		\$2,100		\$2,100		\$2,100
Contingency	Contingency - increasing cost		\$0				

TOTAL: WU/Ops/TandD/Training & Development \$22,085 \$25,000 \$21,864 \$25,000 \$13,649 \$25,000

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019 - 2020 Budget	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual as of 2/28/21	FY 2021 - 2022 Proposed
Certification classes and trainings/workshops/conferences	Training & Development		\$25,000		\$25,000	\$13,649	\$25,000
Travel and Per Diem	Moved to GL acct. 572-010						

TOTAL: WU/Ops/TandD/Travel & Per Diem **\$6,983** **\$6,000** **\$5,406** **\$0** **\$0**

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019 - 2020 Budget	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual as of 2/28/21	FY 2021 - 2022 Proposed
Operations Certification	AWWA, HWWA, HRWA, Pacific Water Conference and other conferences		\$3,000		\$0		\$0
	Travel & Per Diem (was under training & development)		\$3,000		\$0		\$0

TOTAL: WU/Ops/Capital Outlay - R&R/Misc. Capital Purchases **\$722,596** **\$590,000** **\$513,655** **\$771,000** **\$279,720** **\$5,299,500**

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019 - 2020 Proposed	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual as of 2/28/21	FY 2021 - 2022 Proposed
Skid Steer Loaders	Replace 2009 Case SSL-5						\$95,000

TOTAL: WU/Ops/Capital Outlay - Expansion/Misc. Capital Purchases \$530,497 \$475,000 \$91,031 \$18,200 \$184,869 \$115,000

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019 - 2020 Budget	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual as of 2/28/21	FY 2021 - 2022 Proposed
Light Duty Pick Up Truck	Light Duty 4x4 Pickup Truck with Hydraulic Liftgate						\$55,000
Light Duty Pick Up Truck	Light Duty 4x4 Pickup Truck for new Lead Meter Mechanic						\$45,000
Pipe Locator	Pipe locating equipment for new Water Service Investigator						\$15,000
6 tablets or laptops	6 Tablets for Remote Access to DOW Assets Information		\$15,000				
18' tilt deck trailer	trailer for tractor shredder		\$10,000				
Tractor/Shredder/Sprayer	Multi-purpose Equipment for Maintenance Workers		\$45,000				
4x4 P/U truck	Multi-purpose p/u w/hydraulic lift for new Utility Worker/Meter Mechanic/Water Service Inv		\$45,000				
Dump truck/trailer/excavator	Equipment for new Equipment Operator II		\$250,000				
F450 p/u w/utility body	work truck for new Maintenance Worker Crew		\$110,000				
F150 pickup with utility body	Water Service Leak Investigtor needs vehicle						
Leak Detection Equipment	Updated Equipment for Leak Detection						
Utility Cart with trailer or truck bed	Equipment for office personnel to transport transmittals and parcel deliveries. Protection from the elements						
4x4 P/U truck	service vehicle for Groundskeeper						
4x4 P/U truck	service vehicle for Field Superintendent						
Emergency Generators	Puupilo Booster-70KW; Nursery Booster-10KW; Baseyard-125KW; Wainiha Redwood-10KW						
Large Tools	Auto shop heavy duty post lift (15-18K lbs); tire Chager & tire Balancer						
Tanker Truck	Potable water tanker truck to supplement water delivery and road cleaning after repairs						
2-4x4 P/U Truck with Utility Body	Service Vehicles for Plant Electrician and Welder						
New 2-way and handheld radios	6 vehicular radios and 3 handheld						
Brake Equipment	Brake equipment for auto mechanics						
Brush mower	Mower attachment for mini-excavator with HI-Flow Kit						
Compressor	Trailer mounted compressor						
Light tower	2-trailer mounted light tower						
Inventory Scanners includes Programming and Implementation					\$18,200		

TOTAL: WU/Ops/Capital Outlay - R&R/SWTP

\$0 \$0 \$816,226 \$2,201,962 \$2,673,422 \$0

Line Item	Notes	FY 2018 - 2019 Actual	FY 2019 - 2020 Proposed	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual as of 2/28/21	FY 2021 - 2022 Proposed
SWTP Delivery Agreement	SWTP - Water Treatment Delivery Agreement with Grove Farm - R&R		\$0	\$816,226	\$2,201,962		\$0

**Proposed Salaries and Wages
FY 2021 - 2022**

<u>Account</u>	<u>Description</u>	<u>FY 2018 - 2019</u> <u>Actual</u>	<u>FY 2019 - 2020</u> <u>Actual</u>	<u>FY 2020 - 2021</u> <u>Actual</u>	<u>FY 2021-2022</u> <u>Proposed</u> <u>Budget</u>
Water Utility Fund					
ADMIN		1,040,377.49	1,246,950.01	590,198.04	1,475,451.36
10-01-10-510-010	WU/Admin/Admin/Salaries and Wages	655,545.19	670,638.68	417,433.01	905,536.00
10-01-10-510-015	WU/Admin/Admin/Salaries and Wages - Other				45,000.00
10-01-10-510-020	WU/Admin/Admin/Temporary Assignment	9,394.98	4,881.68	3,655.28	2,000.00
10-01-10-510-030	WU/Admin/Admin/Overtime	24,218.60	29,160.47	9,880.40	30,000.00
10-01-10-510-040	WU/Admin/Admin/Standby Pay				-
10-01-10-520-040	WU/Admin/Admin/Compensated Annual leave		32,013.86		90,000.00
10-01-10-520-040	WU/Admin/Admin/Compensated CT				10,000.00
10-01-10-530-010	WU/Admin/Admin/FICA Taxes	49,371.14	45,581.47	30,737.62	82,814.00
10-01-10-530-020	WU/Admin/Admin/Retirement Contributions	247,866.36	414,583.27	97,629.31	249,008.64
10-01-10-530-030	WU/Admin/Admin/Life and Health Insurance	53,981.22	50,090.58	30,862.42	61,092.72
I.T.		356,499.18	267,531.53	34,619.94	368,626.18
10-02-10-510-010	WU/IT/Admin/Salaries and Wages	193,677.00	106,480.55	18,507.27	237,312.00
10-02-10-510-020	WU/IT/Admin/Temporary Assignment	2,365.42	19,423.30	2,890.00	500.00
10-02-10-510-030	WU/IT/Admin/Overtime	33,358.14	25,170.29	621.19	30,000.00
10-02-10-510-040	WU/IT/Admin/Standby Pay	-			-
10-02-10-530-010	WU/IT/Admin/FICA Taxes	20,666.00	11,790.81	2,400.13	20,487.62
10-02-10-530-020	WU/IT/Admin/Retirement Contributions	90,206.48	90,214.58	6,601.35	64,274.88
10-02-10-530-030	WU/IT/Admin/Life and Health Insurance	16,226.14	14,452.00	3,600.00	16,051.68
WATER QUALITY		353,902.94	446,605.70	214,149.13	346,386.09
10-10-40-510-010	WU/QualPurif/Admin/Salaries and Wages	235,475.50	247,435.89	150,492.82	250,080.00
10-10-40-510-020	WU/QualPurif/Admin/Temporary Assignment	1,104.56	1,058.38	19.49	1,500.00
10-10-40-510-030	WU/QualPurif/Admin/Overtime	207.01	3,758.54	514.20	3,000.00
10-10-40-510-040	WU/QualPurif/Admin/Standby Pay				
10-10-40-530-010	WU/QualPurif/Admin/FICA Taxes	17,640.01	17,925.11	13,262.00	19,475.37
10-10-40-530-020	WU/QualPurif/Admin/Retirement Contributions	88,967.92	165,328.62	42,290.06	61,099.20
10-10-40-530-030	WU/QualPurif/Admin/Life and Health Insurance	10,507.94	11,099.16	7,570.56	11,231.52
ENGINEERING		321,314.07	449,260.88	191,052.24	459,361.90
10-20-10-510-010	WU/Eng/Admin/Salaries and Wages	195,245.50	244,195.83	125,701.53	316,296.00
10-20-10-510-020	WU/Eng/Admin/Temporary Assignment	6,705.13	1,105.55	867.27	1,000.00
10-20-10-510-030	WU/Eng/Admin/Overtime	8,087.88	4,674.83	4,618.19	10,000.00
10-20-10-510-040	WU/Eng/Admin/Standby Pay				
10-20-10-530-010	WU/Eng/Admin/FICA Taxes	15,553.35	18,029.53	11,625.67	25,038.14
10-20-10-530-020	WU/Eng/Admin/Retirement Contributions	78,870.86	161,832.15	37,010.20	78,551.04
10-20-10-530-030	WU/Eng/Admin/Life and Health Insurance	16,851.35	19,422.99	11,229.38	28,476.72

Account	Description	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021-2022
		Actual	Actual	Actual	Proposed Budget
CONSTRUCTION MANAGEMENT		579,089.08	851,761.34	422,559.67	817,611.42
10-21-10-510-010	WU/Const/Admin/Salaries and Wages	364,816.96	466,552.18	294,420.31	571,188.00
10-21-10-510-020	WU/Cons/Admin/Temporary Assignment	-		1,176.68	2,000.00
10-21-10-510-030	WU/Cons/Admin/Overtime	10,831.53	4,274.06	910.68	15,000.00
10-21-10-510-040	WU/Cons/Admin/Standby Pay				
10-21-10-530-010	WU/Cons/Admin/FICA Taxes	27,351.52	32,605.36	22,967.24	44,996.38
10-21-10-530-020	WU/Cons/Admin/Retirement Contributions	139,428.87	304,847.85	73,725.08	141,165.12
10-21-10-530-030	WU/Cons/Admin/Life and Health Insurance	36,660.20	43,481.89	29,359.68	43,261.92
WRP		748,438.84	1,010,567.95	387,632.49	797,310.55
10-22-10-510-010	WU/Wrp/Admin/Salaries and Wages	462,861.00	475,071.74	180,485.50	536,952.00
10-22-10-510-020	WU/Wrp/Admin/Temporary Assignment	5,645.97	4,491.11	8,443.49	5,000.00
10-22-10-510-030	WU/Wrp/Admin/Overtime	12,015.69	71,189.31	78,530.95	15,000.00
10-22-10-510-040	WU/Wrp/Admin/Standby Pay				
10-22-10-530-010	WU/Wrp/Admin/FICA Taxes	33,338.14	39,806.97	21,353.97	42,606.83
10-22-10-530-020	WU/Wrp/Admin/Retirement Contributions	178,814.59	366,996.74	72,643.19	133,668.48
10-22-10-530-030	WU/Wrp/Admin/Life and Health Insurance	55,763.45	53,012.08	26,175.39	64,083.24
FISCAL-BILLING		807,338.15	340,523.95	340,523.95	836,990.88
10-30-20-510-010	WU/Bill/Colln/Salaries and Wages	458,705.48	430,675.43	304,697.61	532,668.00
10-30-20-510-020	WU/Bill/Colln/Temporary Assignment	5,554.43	10,870.98	3,327.46	5,000.00
10-30-20-510-030	WU/Bill/Colln/Overtime	65,849.87	44,119.63	8,772.49	60,000.00
10-30-20-510-040	WU/Bill/Colln/Standby Pay				-
10-30-20-530-010	WU/Bill/Colln/FICA Taxes	39,088.98	31,979.46	26,778.72	45,721.60
10-30-20-530-020	WU/Bill/Colln/Retirement Contributions	193,936.57	307,557.98	87,277.74	143,440.32
10-30-20-530-030	WU/Bill/Colln/Life and Health Insurance	44,202.82	41,307.79	31,811.11	50,160.96
FISCAL - ACCOUNTING		779,374.74	995,889.02	488,564.55	953,395.83
10-31-10-510-010	WU/Acctg/Admin/Salaries and Wages	454,216.14	486,956.02	297,103.23	607,512.00
10-31-10-510-020	WU/Acctg/Admin/Temporary Assignment	9,089.62	7,316.79	6,739.18	10,000.00
10-31-10-510-030	WU/Acctg/Admin/Overtime	49,115.51	62,251.40	39,569.29	60,000.00
10-31-10-510-040	WU/Acctg/Admin/Standby Pay				-
10-31-10-530-010	WU/Acctg/Admin/FICA Taxes	39,291.42	39,099.96	27,102.24	51,829.67
10-31-10-530-020	WU/Acctg/Admin/Retirement Contributions	187,296.47	357,867.93	85,852.39	162,602.88
10-31-10-530-030	WU/Acctg/Admin/Life and Health Insurance	40,365.58	42,396.92	32,198.22	61,451.28
OPS - PLANT - SOURCE		480,829.60	734,312.59	431,010.83	764,239.22
10-40-30-510-010	WU//Ops/Source/Salaries and Wages	301,732.04	396,387.25	291,557.00	534,696.00
10-40-30-510-020	WU/Ops/Source/Temporary Assignment	6,506.20	2,898.94	1,167.63	3,000.00
10-40-30-510-030	WU/Ops/Source/Overtime	3711.35	4834.14	12,619.65	6,000.00
10-40-30-510-040	WU/Ops/Source/Standby Pay			3,392.76	
10-40-30-530-010	WU/Ops/Source/FICA Taxes	22,090.52	28,196.41	22,299.73	41,592.74
10-40-30-530-020	WU/Ops/Source/Retirement Contributions	116,475.00	270,994.96	73,697.88	130,487.04
10-40-30-530-030	WU/Ops/Source/Life and Health Insurance	30,314.49	31,000.89	26,276.18	48,463.44

<u>Account</u>	<u>Description</u>	<u>FY 2018 - 2019</u>	<u>FY 2019 - 2020</u>	<u>FY 2020 - 2021</u>	<u>FY 2021-2022</u>
		<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Proposed Budget</u>
OPS - PLANT - PURIFICATION		290,438.90	402,700.68	206,732.25	442,455.03
10-40-40-510-010	WU/Ops/Purification/Salaries and Wages	143,359.68	172,496.57	129,097.50	\$ 284,034.00
10-40-40-510-020	WU/Ops/Purification/Temporary Assignment	2,088.56	4,913.60	290.63	1,500.00
10-40-40-510-030	WU/Ops/Purification/Overtime	35,655.27	36,977.87	18,383.51	30,000.00
10-40-40-510-040	WU/Ops/Purification/Standby Pay	8,338.32	8,730.90	7,055.84	10,000.00
10-40-40-530-010	WU/Ops/Purification/FICA Taxes	14,514.35	16,710.77	11,540.85	24,903.35
10-40-40-530-020	WU/Ops/Purification/Retirement Contributions	77,297.04	153,524.90	34,404.72	78,128.16
10-40-40-530-030	WU/Ops/Purification/Life and Health Insurance	9,185.68	9,346.07	5,959.20	13,889.52
OPS - PLANT - POWER & PUMPING		317,751.28	402,996.61	209,171.11	301,152.88
10-40-50-510-010	WU/Ops/PnP/Salaries and Wages	187,056.00	195,717.70	133,228.20	\$ 201,793.00
10-40-50-510-020	WU/Ops/PnP/Temporary Assignment	5,769.80	4,234.98	5,894.45	4,000.00
10-40-50-510-030	WU/Ops/PnP/Overtime	15,224.32	18,525.29	10,530.53	8,000.00
10-40-50-510-040	WU/Ops/PnP/Standby Pay				
10-40-50-530-010	WU/Ops/PnP/FICA Taxes	14,806.54	15,717.73	10,852.80	16,355.16
10-40-50-530-020	WU/Ops/PnP/Retirement Contributions	76,561.95	149,447.17	35,436.65	51,310.32
10-40-50-530-030	WU/Ops/PnP/Life and Health Insurance	18,332.67	19,353.74	13,228.48	19,694.40
OPS - FIELD - TandD		3,206,815.68	4,059,349.93	2,325,556.81	3,927,575.54
10-40-60-510-010	WU/Ops/TnD/Salaries and Wages	1,676,458.90	1,832,046.95	1,294,853.79	2,361,714.50
10-40-60-510-020	WU/Ops/TnD/Temporary Assignment	32,346.36	27,703.05	22,690.22	25,000.00
10-40-60-510-030	WU/Ops/TnD/Overtime	239,382.82	249,529.51	222,161.44	210,000.00
10-40-60-510-040	WU/Ops/TnD/Standby Pay	183,787.68	197,548.90	131,389.08	185,000.00
10-40-60-530-010	WU/Ops/TnD/FICA Taxes	153,422.70	163,067.06	127,906.06	212,801.16
10-40-60-530-020	WU/Ops/TnD/Retirement Contributions	736,571.55	1,393,646.84	367,148.32	667,611.48
10-40-60-530-030	WU/Ops/TnD/Life and Health Insurance	184,845.67	195,807.62	159,407.90	265,448.40
GRAND TOTALS		9,282,169.95	11,734,437.51	5,963,912.19	11,490,556.89
10-01-10-510-010	WU/Admin/Admin/Salaries and Wages	5,329,149.39	5,724,654.79	3,637,577.77	7,384,781.50
10-01-10-510-020	WU/Admin/Admin/Temporary Assignment	86,571.03	88,898.36	57,161.78	60,500.00
10-01-10-510-030	WU/Admin/Admin/Overtime	497,657.99	554,465.34	407,112.52	477,000.00
10-01-10-510-040	WU/Admin/Admin/Standby Pay	192,126.00	206,279.80	141,837.68	195,000.00
10-01-10-520-010	WU/Admin/Admin/Compensated Annual leave	-	32,013.86	-	90,000.00
10-01-10-520-030	WU/Admin/Admin/Compensated CT	-	-	-	10,000.00
10-01-10-530-010	WU/Admin/Admin/FICA Taxes	447,134.67	460,510.64	328,827.03	628,622.03
10-01-10-530-020	WU/Admin/Admin/Retirement Contributions	2,212,293.66	4,136,842.99	1,013,716.89	1,961,347.56
10-01-10-530-030	WU/Admin/Admin/Life and Health Insurance	517,237.21	530,771.73	377,678.52	683,305.80
Budget Increase					1,343,326.32

Department of Water
County of Kauai
FY 2021-2022

BU	Pos #	Position Title	Grade/Step	Salaries		Proposed Salaries (ATB 0%-No Contract / Vacancy Funding)	Benefits
EM	E-19	Manager & Chief Engineer	19	\$ 137,022.00	50%	\$ 68,511.00	\$ 24,359.01
EM	E-30	Deputy Manager-Engineer	5	\$ 123,318.00	0%	\$ -	\$ -
03	2479	Senior Clerk	SR-10 C	\$ 35,196.00	100%	\$ 35,196.00	\$ 16,490.09
03X	2354	Secretary	SR-16 C	\$ 44,496.00	0%	\$ -	\$ -
	4	Admin Total		\$ 340,032.00		\$ 103,707.00	\$ 40,849.11
EM	2485	Waterworks Information Technology Manager	EM-03	\$ 96,096.00	100%	\$ 96,096.00	\$ 35,764.94
13	2475	Information Technology Specialist III	SR-24 C	\$ 62,136.00	100%	\$ 62,136.00	\$ 25,016.60
	2	Information Technology Total		\$ 158,232.00		\$ 158,232.00	\$ 60,781.55
13	2458	Civil Engineer III	SR-20 C	\$ 51,024.00	100%	\$ 51,024.00	\$ 21,499.66
13	2468	Civil Engineer III (prior: CE V SR-26)	SR-20 C	\$ 51,024.00	100%	\$ 51,024.00	\$ 21,499.66
	2	Engineering - Eng Services Subtotal		\$ 102,048.00		\$ 102,048.00	\$ 42,999.31
13	2484	Civil Engineer III	SR-22 J	\$ 72,684.00	100%	\$ 72,684.00	\$ 28,355.05
13	2355	Civil Engineer V	SR-26 L	\$ 95,652.00	100%	\$ 95,652.00	\$ 35,624.42
	4	Engineering - CM Subtotal		\$ 168,336.00		\$ 168,336.00	\$ 63,979.46
EM	2428	Civil Engineer VI	EM-5	\$ 103,464.00	100%	\$ 103,464.00	\$ 38,096.92
03	2445	Engineering Support Technician IV	SR-19 C	\$ 50,016.00	75%	\$ 37,512.00	\$ 15,885.47
03	2352	Engineering Drafting Technician III	SR-19 C	\$ 50,016.00	0%	\$ -	\$ -
03	2352	Pending Action: Engineering Drafting Tech I	SR-11 L	\$ 52,044.00	100%	\$ 52,044.00	\$ 21,822.49
13	2494	Civil Engineer I	SR-18 C	\$ 47,196.00	100%	\$ 47,196.00	\$ 20,288.09
	5	Engineering - WR&P Subtotal		\$ 302,736.00		\$ 240,216.00	\$ 96,092.96
	9			\$ 573,120.00		\$ 510,600.00	\$ 203,071.74
03	2302	Customer Servier Representative I	SR-11 C	\$ 36,564.00	100%	\$ 37,844.00	\$ 13,048.75
	1	Fiscal - Billing Subtotal					\$ 13,048.75
13	2488	Accountant I	SR-18 C	\$ 47,196.00	100%	\$ 47,196.00	\$ 20,288.09
13X	2303	Accountant IV	SR-24 C	\$ 62,136.00	100%	\$ 62,136.00	\$ 25,016.60
	2	Fiscal - Accounting Subtotal		\$ 109,332.00		\$ 109,332.00	\$ 45,304.70

BU	Pos #	Position Title	Grade/Step	Salaries		Proposed Salaries (ATB 0%-No Contract / Vacancy Funding)	Benefits
	3	Fiscal Total		\$ 109,332.00		\$ 109,332.00	
01	2611	Maintenance Worker I	BC-09	\$ 59,376.00	100%	\$ 59,376.00	\$ 24,143.06
	1	OPS - Source Subtotal		\$ 59,376.00		\$ 59,376.00	\$ 24,143.06
01	2312	Assistant Water Plant Operator	BC-05	\$ 49,260.00	50%	\$ 24,630.00	\$ 10,470.68
01	2461	Water Plant Operator I	BC-11	\$ 63,876.00	100%	\$ 63,876.00	\$ 25,567.31
	2	OPS - Water Purification Subtotal		\$ 113,136.00		\$ 88,506.00	\$ 36,037.99
01	2457	Plant Electrician	BC-11	\$ 63,876.00	0%	\$ 1.00	\$ 0.32
	1	OPS - PNP Subtotal		\$ 63,876.00		\$ 1.00	\$ 0.32
03	2464	Account Clerk	SR-11 C	\$ 36,564.00	100%	\$ 36,564.00	\$ 11,572.51
01	2405	Pipefitter Helper	BC-05	\$ 49,260.00	100%	\$ 49,260.00	\$ 20,941.35
01	2443	Pipefitter	BC-09	\$ 59,376.00	100%	\$ 59,376.00	\$ 30,454.34
01	2404	Lead Pipefitter	WS-09	\$ 63,012.00	100%	\$ 63,012.00	\$ 25,293.86
01	2614	Automotive Mechanic I	BC-10	\$ 61,632.00	100%	\$ 61,632.00	\$ 24,857.09
02	2618	Repair Shop Supervisor	FII-11	\$ 76,272.00	100%	\$ 76,272.00	\$ 29,490.65
01	2409	Water Meter Mechanic	WS-09	\$ 63,012.00	50%	\$ 32,608.50	\$ 12,995.87
01	NEW	Mechanic Helper	BC-05	\$ 49,260.00	0%	\$ 1.00	\$ 0.32
03	NEW	Automotive Stores Clerk	SR-10 C	\$ 35,196.00	0%	\$ 1.00	\$ 0.32
				\$ -		\$ -	\$ -
	9	OPS - TND Subtotal		\$ 493,584.00		\$ 378,726.50	\$ 155,606.30
	13	OPS Total		\$ 729,972.00		\$ 526,609.50	\$ 215,787.67
	31	Department Total		\$ 1,910,688.00		\$ 1,408,480.50	\$ 520,490.06

Staff Reports



DEPARTMENT OF WATER

County of Kaua'i

"Water has no Substitute – Conserve It!"

FISCAL REPORT: MONTHLY SUMMARY HIGHLIGHTS – FEBRUARY 2021

I. BUDGET SUMMARY VS. ACTUAL (see attached report for details)

YEAR TO DATE (YTD) BUDGET & ACTUAL EXPENSES SUMMARY – AS OF FEBRUARY 2021

	<u>BUDGET</u>	<u>vs</u>	<u>EXPENSED</u>
· Operating Expenses	\$23,131,123		\$15,215,857
· Debt Principal Payment	4,014,034		4,704,260
· Capital Projects	<u>35,489,322</u>		<u>6,030,465</u>
TOTAL	<u>\$62,634,479</u>		<u>\$25,950,582</u>

REVENUES: VARIANCE = "ACTUAL" LESS "BUDGET"; POSITIVE INDICATES HIGHER PERFORMANCE THAN EXPECTED.

- Total Revenue as of February 2021 was 8% below projection.
 - Water sales of \$16.9 million ("M") was \$1.59M or 10% higher than projected.
 - Other Water Revenue - Receipts of \$1.55M includes Revenue from Public Fire Hydrants of \$1.45M and 101.56 thousand ("K") from miscellaneous receipts or 8% lower.
 - Capital Contributions: Contributions from Federal & State Grants – \$534.1K receipts from BAB Subsidy.
 - Investment Income & Net Increase in FV of Investments –\$406.3K.

OPERATING EXPENSES: VARIANCE = BUDGET LESS ACTUAL

EXPENSES: POSITIVE INDICATES LESS SPENDING THAN PLANNED. **REVISED YTD BUDGET COLUMNS INCLUDE PO ROLLOVER FROM FY ENDING 2020.**

- YTD Operating Expenses before depreciation and amortization was \$15.2M. Total spending was \$7.9M less than the total of (1.) the approved operating budget and (2.) FY 2020 PO rollovers. There is a positive variance of 34%.
 - Employee Related Expenses was \$6.9M with a 8% positive variance.
 - Contracts & Services was \$3.3M with a 64% positive variance.
 - Professional Services, Other Services – Billing, Communication, Insurance and Repairs and Maintenance for non-water systems are the main items contributing to the 64% positive variance.
 - Exceptional Expenses – None.
 - Fuel & Utilities was \$1.67M with 19% positive variance.
 - Bulk Water Purchase was \$740.9K with a 39% positive variance.
 - Office & Operating Supplies was \$634.1K with 39% positive variance.
 - Training, Travel & Meeting Expenses – \$35.4K with 67% positive variance.
 - Debt Service – Interest Expense - \$1.96M with 3% positive variance.
 - Depreciation & Amortization (non-cash expenses) is \$4.8M with 1% positive variance.



DEPARTMENT OF WATER

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NET OPERATING INCOME:

- Net Operating Income before depreciation and amortization - \$4.2M.
- Net Operating Income (loss) after depreciation & amortization was \$(605.4) K.

NON-OPERATING PROCEEDS & DISBURSEMENTS

- SRF Loan Proceeds – None.
- FRC – Facility Reserve Charge –\$948.5K.
- YTD Debt Principal Payment is \$4.7M.

CAPITAL PROJECTS BUDGET: YTD DISBURSEMENTS = \$6,030,465.84

- Capital Projects: Water Utility Fund - \$5.99M.
- Capital Projects: FRC Fund – None
- Capital Projects: BAB Fund - \$43.3K
- Capital Projects: SRF Loan Fund – None

II. BALANCE SHEET: SEE ATTACHED.

Statement of Net Positions as of February 28, 2021.

III. FY 2020 – 2021 CERTIFICATION OF FUNDS YTD \$2,327,663.32

	REPORT TO MANAGER (with approved Budget)	MANAGER'S REPORT (New Budget Requests)
Water Utility Fund	\$722,534.62	\$1,519,150.00
FRC Fund	\$.00	\$.00
BAB Fund	\$.00	\$85,978.70
Total	\$722,534.62	\$1,605,128.70

IV. COMPARATIVE CHARTS:

METERED CONSUMPTION:

- February 2021 monthly metered consumption was 255.4 million gallons (mg); decreased by 29.7 mg or 10% as compared from the same month of FY 2020.
- Year to Date (YTD) metered consumption as of 2/28/21 was 2,374.1 mg with a YTD cumulative decrease of 227.9 mg or 9% as compared from the same month of FY 2020.

V. OTHER FISCAL ONGOING ACTIVITIES/INITIATIVES:

- Annual Proposed Operating & Capital Outlay Budgets – FY 2021-2022.
- Microsoft (MS) Dynamics Great Plains will be replaced with Dynamics Business Central: Staff training is ongoing and the “Go live” and switch over to the cloud is scheduled on 4/12/21.
- The 2007 Depreciation Study was also updated as part of the GP upgrade and implementation.



DEPARTMENT OF WATER

County of Kaua'i

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- New Beacon Meters: testing and validation - Ongoing.
- Develop Financial Policies for DOW – Statement of Qualifications were solicited for FY 2021. Procurement has been delayed due to three other ongoing IT initiatives; the Depreciation Study, MS Dynamics 365 Business Central and the ongoing Beacon Meters upgrade to Advanced Metering Infrastructure (AMI).
- Budget Program Solution – It will be addressed concurrently with the Financial Policies Development procurement.
- Five (5) years Water Rate Study terminated; DOW will restart with an updated consumer database. Foresee procurement beginning of FY 2022.
- FEMA update: DOW submitted a request for an additional 30 months' extension to complete two outstanding projects for FEMA grant funding reimbursement; the Makaleha tunnel and Mānoa Stream.

MY/ein



Department of Water, County of Kauai
 Monthly Budget Summary vs. Actual
 As of 2/28/2021

	February				FY 2021			
	Original Budget	Revised Budget	Actual	Variance	Revised YTD Budget	YTD Actual	*Variance	Variance %
I. OPERATING BUDGET								
Revenue								
Water Sales	\$1,916,124.00	\$1,916,124.00	\$1,833,277.43	(\$82,846.57)	\$15,328,992.00	\$16,917,747.24	\$1,588,755.24	10.%
Miscellaneous Revenues Total	206,692.00	206,692.00	187,650.20	(19,041.80)	1,653,536.00	1,551,089.64	(102,446.36)	92.%
Non-Operating Revenues Total	524,542.00	524,542.00	172,407.25	(352,134.75)	4,196,336.00	940,396.10	(3,255,939.90)	(131.%)
Total Revenue	2,647,358.00	2,647,358.00	2,193,334.88	(454,023.12)	21,178,864.00	19,409,232.98	(1,769,631.02)	(8.%)
II. OPERATING EXPENSES								
Employee-Related Expenses	935,356.00	935,356.00	877,271.62	58,084.38	7,482,848.00	6,864,038.28	618,809.72	8.%
Contracts & Services	597,969.00	815,784.00	468,956.79	346,827.21	9,221,239.46	3,313,096.68	5,908,142.78	64.%
<i>Exceptional Expenses</i>								
Fuel & Utilities	248,865.00	248,865.00	201,748.11	47,116.89	2,046,883.80	1,665,933.26	380,950.54	19.%
Bulk Water Purchase	151,681.00	151,681.00	129,298.34	22,382.66	1,213,448.00	740,939.22	472,508.78	39.%
Office & Operating Supplies	86,282.00	86,282.00	114,793.65	(28,511.65)	1,043,751.85	634,055.50	409,696.35	39.%
Training, Travel & Meeting Expenses	13,260.00	13,260.00	21,514.58	(8,254.58)	106,080.00	35,446.29	70,633.71	67.%
Interest Expense	252,109.00	252,109.00	245,293.44	6,815.56	2,016,872.00	1,962,347.52	54,524.48	3.%
Total Operating Expenses	2,285,522.00	2,503,337.00	2,058,876.53	444,460.47	23,131,123.11	15,215,856.75	7,915,266.36	34.%
Net Operating Income (Loss) Before Depreci	\$361,836.00	\$144,021.00	\$134,458.35	(\$9,562.65)	(\$1,952,259.11)	\$4,193,376.23	\$6,145,635.34	(315.%)
<i>Total Depreciation & Amortization</i>	604,388.00	604,388.00	601,395.03	2,992.97	4,835,104.00	4,798,804.65	36,299.35	1.%
Net Operating Income (Loss)	(242,552.00)	(460,367.00)	(466,936.68)	(6,569.68)	(6,787,363.11)	(605,428.42)	6,181,934.69	(91.%)
Non Operating Proceeds								
FRC-Facility Reserve Charge	33,333.00	33,333.00	68,290.00	34,957.00	266,664.00	948,498.55	681,834.55	256.%
Total Non Operating Proceeds	33,333.00	33,333.00	68,290.00	34,957.00	266,664.00	948,498.55	681,834.55	256.%
	(209,219.00)	(427,034.00)	(398,646.68)	28,387.32	(6,520,699.11)	343,070.13	6,863,769.24	1.65
Transfers Out(In) to Other Funds								
Debt Principal Payment	430,045.00		438,028.57	(438,028.57)	4,014,034.00	4,704,259.70	(690,225.70)	(17.%)
Net Proceeds (Expenditures)	(639,264.00)	(427,034.00)	(836,675.25)	(409,641.25)	(10,534,733.11)	(4,361,189.57)	6,173,543.54	(59.%)
II. CAPITAL BUDGET								
Capital Projects (See Attached for Details)	2,350,620.00	2,350,620.00	238,259.66	2,112,360.34	35,489,321.81	6,030,465.84	29,458,855.97	83.%

Assets and Deferred Outflows

Current Assets

Cash	\$8,206,587.74
Equity interest in pooled investments	8,294,230.00

Receivables:

Accounts, net of allowance for doubtful accounts	1,435,872.19
Due from other funds	
Unbilled accounts	1,378,549.63
Grants and subsidies	726,152.08
Accrued interest	209,775.36
Total receivables	<u>3,750,349.26</u>

Materials and supplies	1,089,731.90
Prepaid expenses	41,940.68
Total current asset	<u>21,382,839.58</u>

Restricted Assets:

Facility reserve charge funds:

Cash	2,870,802.99
Equity interest in pool investments	
Accounts receivable and other	259,952.85
Total facility reserve charge funds	<u>3,130,755.84</u>

Bond funds:

Cash	1,224,895.47
Equity interest in pooled investments	8,622,194.72
Accrued interest	40,948.34
Total bond funds	<u>9,888,038.53</u>

Total restricted assets	<u>13,018,794.37</u>
--------------------------------	-----------------------------

Equity Interest in Pooled Investment - Noncurrent

Investment - Non-Current	24,482,215.70
Investment - Reserves	9,300,000.00
Investment - Debt Service Reserve	
Total Equity Interest in Pooled Investment - Noncurrent	33,782,215.70

Utility Plant:

In service	346,938,028.79
Accumulated depreciation	(146,216,794.88)
Total utility plant	<u>200,721,233.91</u>

Construction work in progress	21,849,888.13
Total property, plant and equipment	<u>222,571,122.04</u>

Total assets	<u>290,754,971.69</u>
---------------------	------------------------------

Deferred Outflow of Resources - Deferred Refunding Costs, net	8,790,171.64
Total assets and deferred outflows	299,545,143.33

*Allowance for doubtful accounts	(236,819.39)
---	---------------------

Liabilities and Net Position

Current Liabilities:

Accounts payable and accrued liabilities	3,556,540.12
Contracts payable, including retainages	626,258.61
Accrued Vacation And Compensatory Pay, current portion	519,021.36
Due to/Due From Other Funds	211.73
Customer overpayment	226,680.45
Customer deposits and advances	489,549.66
Current portion of long term debt	5,160,540.98
Current portion of capital lease obligation	0.03
Total current liabilities	10,578,802.94

Long-Term Debt	57,417,329.60
Capital Lease Obligation	
OPEB & Retirement Benefits	31,349,513.88
Accrued Vacation and Compensatory Pay	971,573.47
Deferred Inflow of Assets	555,205.00
Total liabilities and deferred inflows:	100,872,424.89

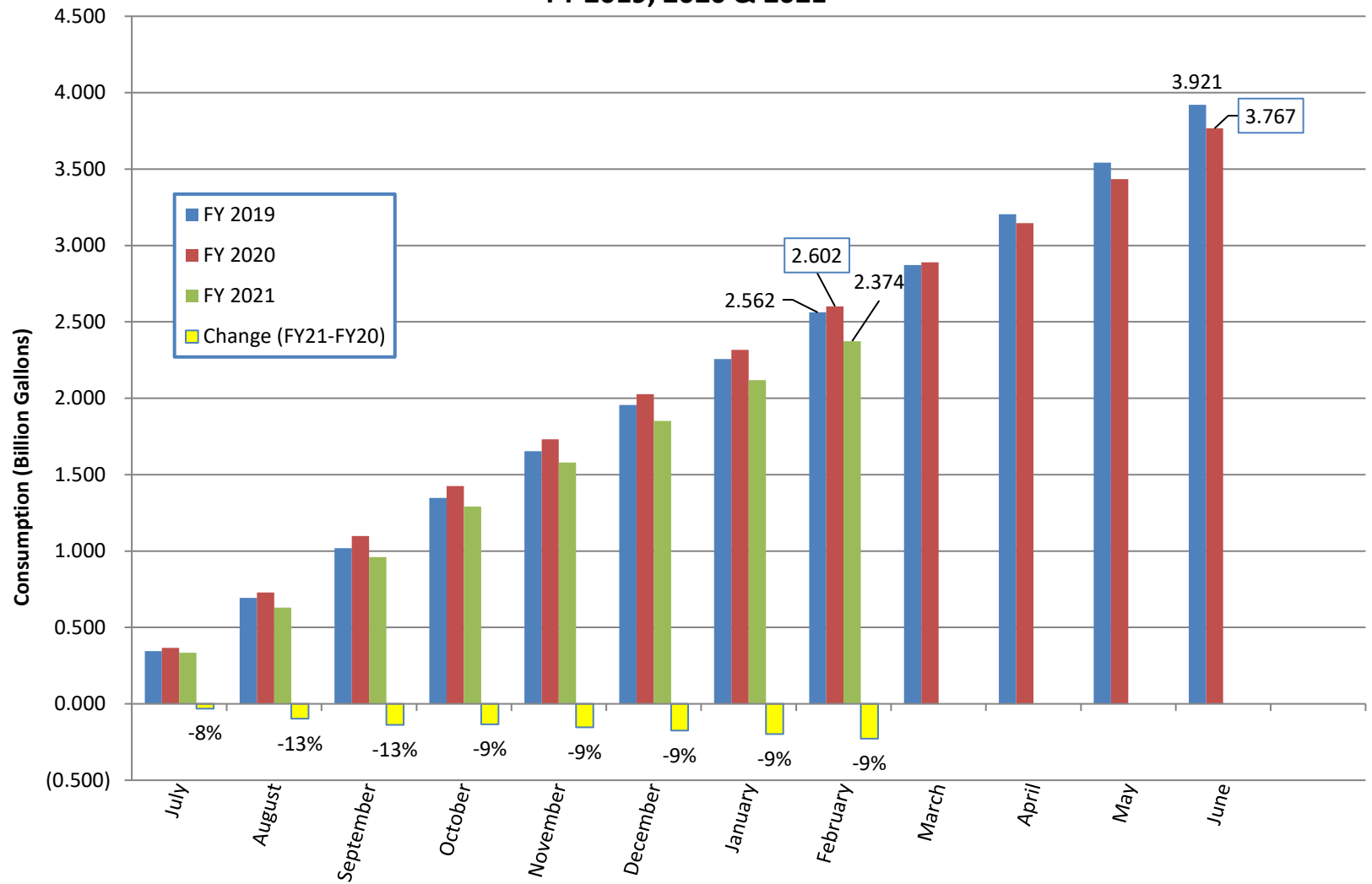
Net Position:

Water Utility Reserves	9,300,000.00
Restricted FRC	3,122,905.08
Restricted Build American Bonds	9,781,005.86
Invested in Capital Assets Net of Related Debt	159,967,180.99
Unrestricted	16,501,626.51

Total net position	198,672,718.44
Total liabilities, deferred inflows and net position:	299,545,143.33

FY 2020 - 2021 Certification of Funds					REPORTS TO MANAGER (RTM)				MANAGER'S REPORT (MR) - New or Additional Funds			
DATE	Contract #	Description	ACCOUNT #	CO/OE	W/U (10)	FRC (20)	BAB (30)	SUB-TOTAL	W/U (10)	FRC (20)	BAB (30)	SUB-TOTAL
7/23/2020	MOA	Kahiliholo Rd. Culvert Repair Project	10-40-00-604-999					-	44,100.00			44,100.00
7/23/2020	MOA	Reconstruction of WEKE Rd. & reinstallation of damaged water main and appurtunances	10-21-00-604-165					-	139,215.00			139,215.00
9/24/2020	701	Job No. 20-03 SCADA Contract	10-40-60-560-000		150,000.00			150,000.00	16,702.00			16,702.00
9/24/2020	702	Job No. 20-06, Wailua Homesteads Wells A&B	10-20-10-540-010		97,690.00			97,690.00				-
9/24/2020	703	Job No. 20-05 - Waimea Well B Pump Repl	10-40-00-604-999		84,124.62			84,124.62				-
9/24/2020	666	ITSP - IT Support	10-10-10-540-010					-	160,000.00			160,000.00
10/22/2020	639	Job No. 17-10, WP 2020 KW-07, Rehabilitate Paua Valley Tank #1	10-20-00-604-001					-	212,719.00			212,719.00
10/22/2020	639	Job No. 17-10, WP 2020 KW-07, Rehabilitate Paua Valley Tank #1	10-20-00-604-001					-	(212,719.00)			(212,719.00)
10/15/2020	427	Reinstatement of Contract Balance	30-20-00-605-116					-			40,978.70	40,978.70
11/10/2020	704	Furnishing & Delivery of Sewage Lift Station Control System	10-40-00-604-999		23,056.00			23,056.00				-
1/8/2021	704	CANCELLED: Furnishing & Delivery of Sewage Lift Station Control System	10-40-00-604-999		(23,056.00)			(23,056.00)				-
11/19/2020	639	4th Am.; contract # 639 Job No. 17-10, WP2020 Project	10-20-00-604-000					-	292,719.00			292,719.00
11/19/2020	427	10th Am; contract # 427 Job No. 02-14, WP 2020 WK+08 Kapaa Homesteads 325' Tanks.	30-20-00-605-116					-			45,000.00	45,000.00
12/17/2020	639	Job No. 17-10, WP 2020 KW-07, Rehabilitate Paua Valley Tank #1 (Rescind 10/22/20 and resubmitted	10-20-00-604-001					-	251,069.00			251,069.00
12/17/2020	N/A	MR 21-15; Salaries, supplemental budget.						-	397,530.00			397,530.00
1/21/2020	637	4th_Am. As Needed CM- Hanapepe WL	10-21-10-540-010					-	217,815.00			217,815.00
1/11/2021	627	MMIS	10-40-560-561-000		20,000.00			20,000.00				-
2/28/2021	706	Furnishing & Delivery of Sewage Lift Station Control System	10-40-00-604-999		22,120.00			22,120.00				-
3/3/2021	707	GS 2021-03, Furnishing and Delivery of one compact track loader with accessories.	10-40-00-604-999		73,600.00			73,600.00				-
3/5/2021	670	3rd of 5 years Contract _ CC&B Cloud Hosting and Support	10-30-20-561-000		250,000.00			250,000.00				-
3/5/2021	651	Ashford & Wriston, LLP	10-01-0-540-010		25,000.00			25,000.00				-
								-				-
								-				-
								-				-
					722,534.62	-	-	722,534.62	1,519,150.00	-	85,978.70	1,605,128.70

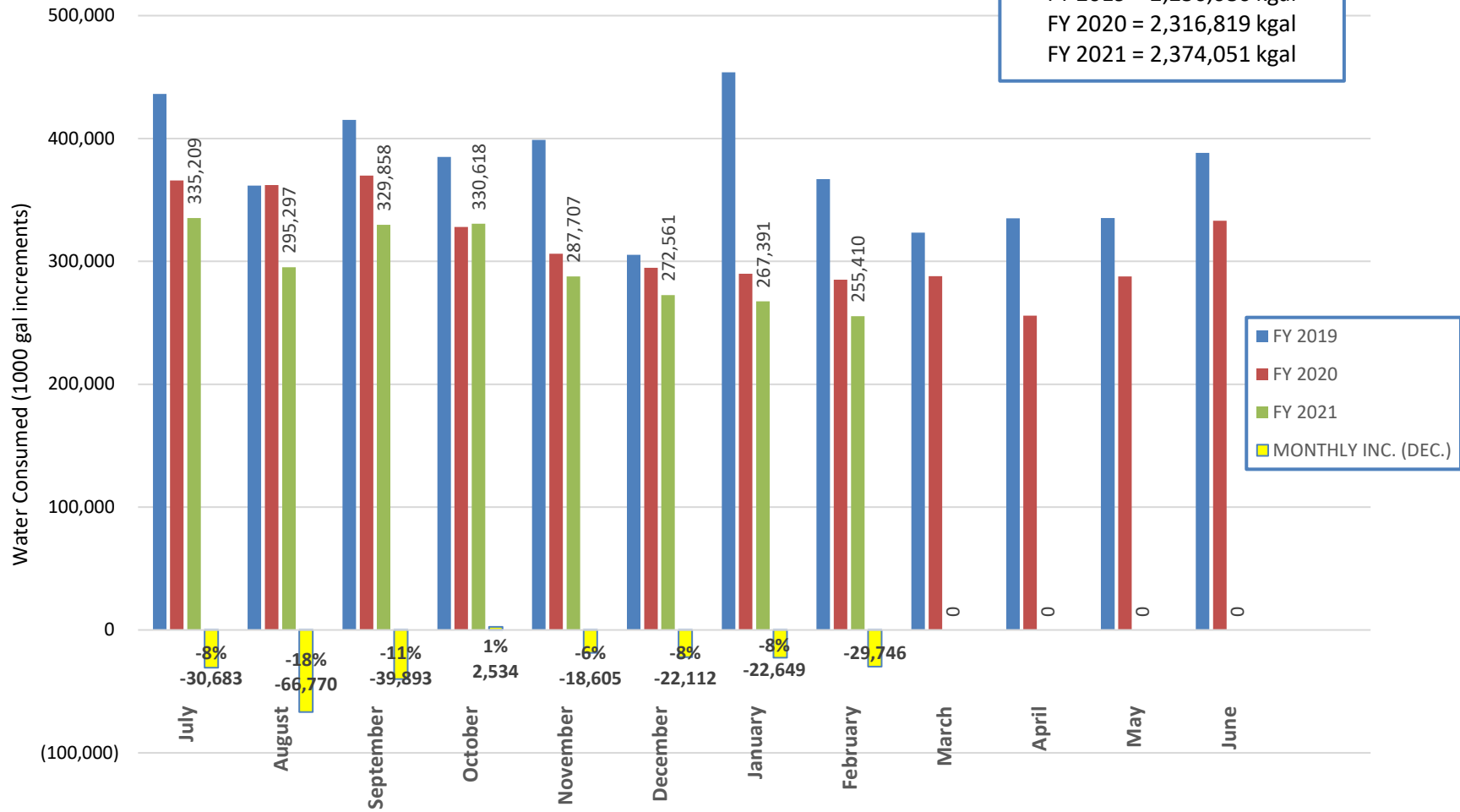
YTD CUMULATIVE WATER CONSUMPTION FY 2019, 2020 & 2021



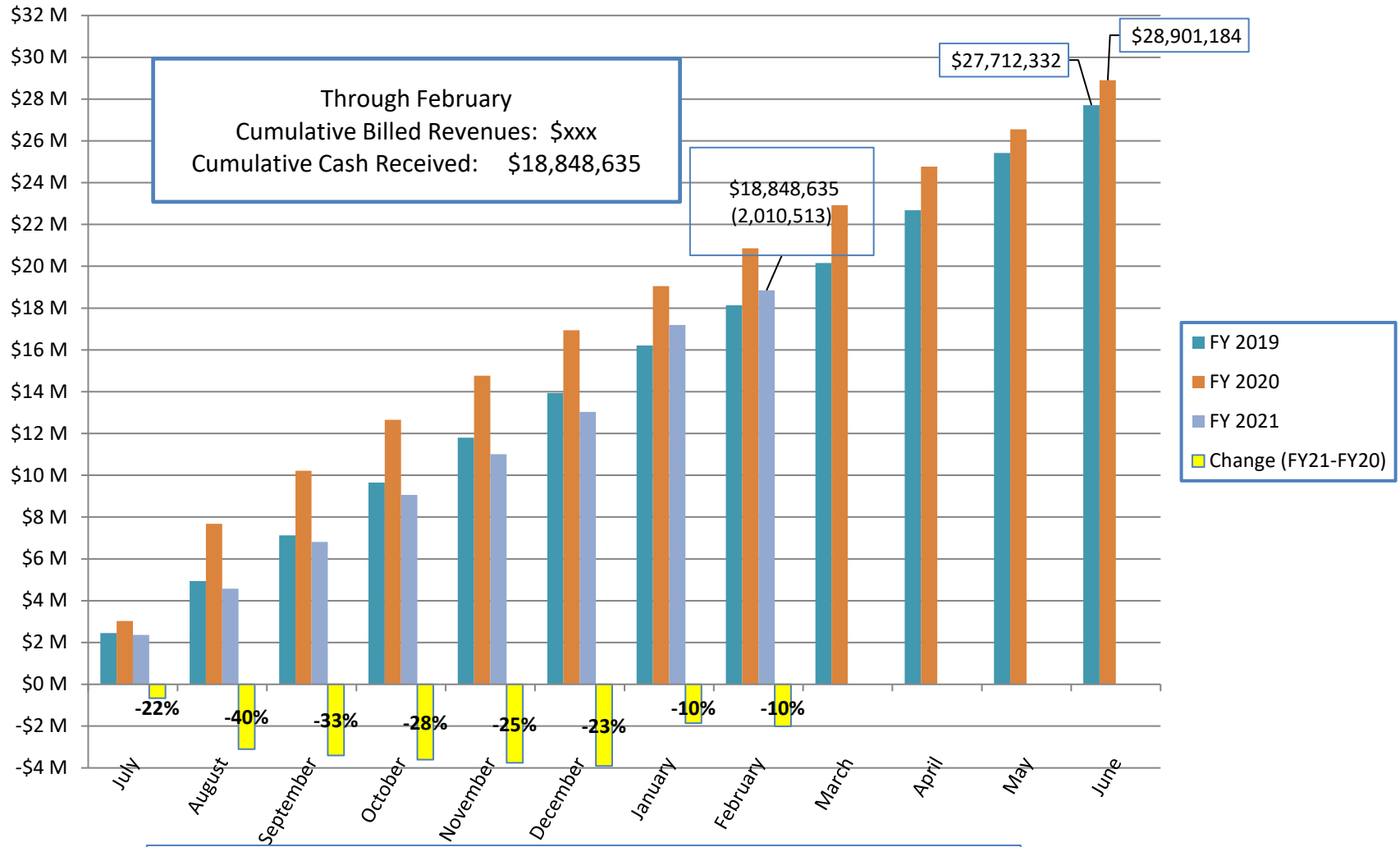
MONTHLY CONSUMPTION

FY 2019, 2020 & 2021

Total Through January
 FY 2019 = 2,256,086 kgal
 FY 2020 = 2,316,819 kgal
 FY 2021 = 2,374,051 kgal



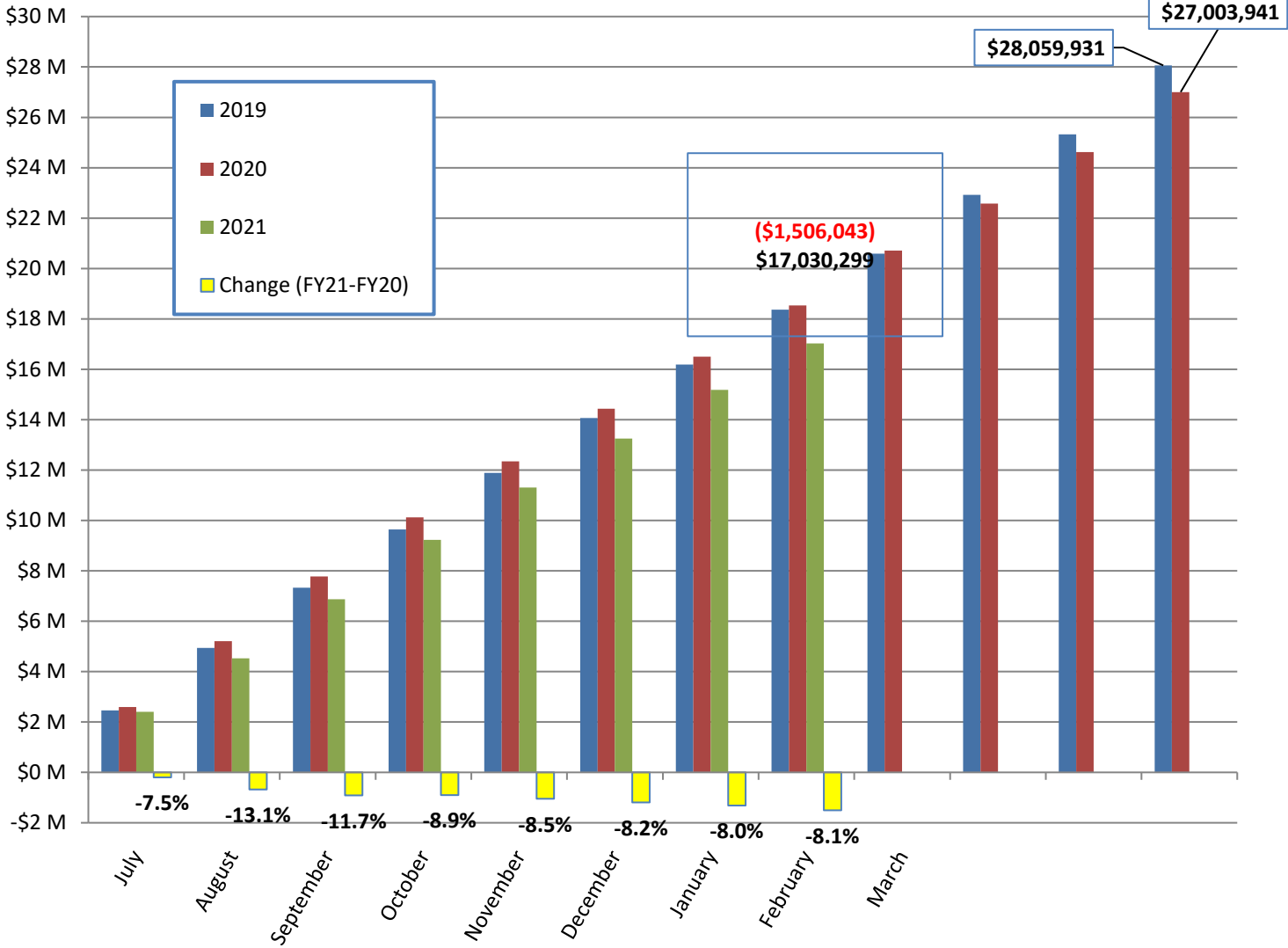
WU CUMULATIVE CASH RECEIPTS FY 2019, 2020 & 2021



Note: July '19-'20 receipts included a \$2.29 million state appropriation grant for the Hanapēpē

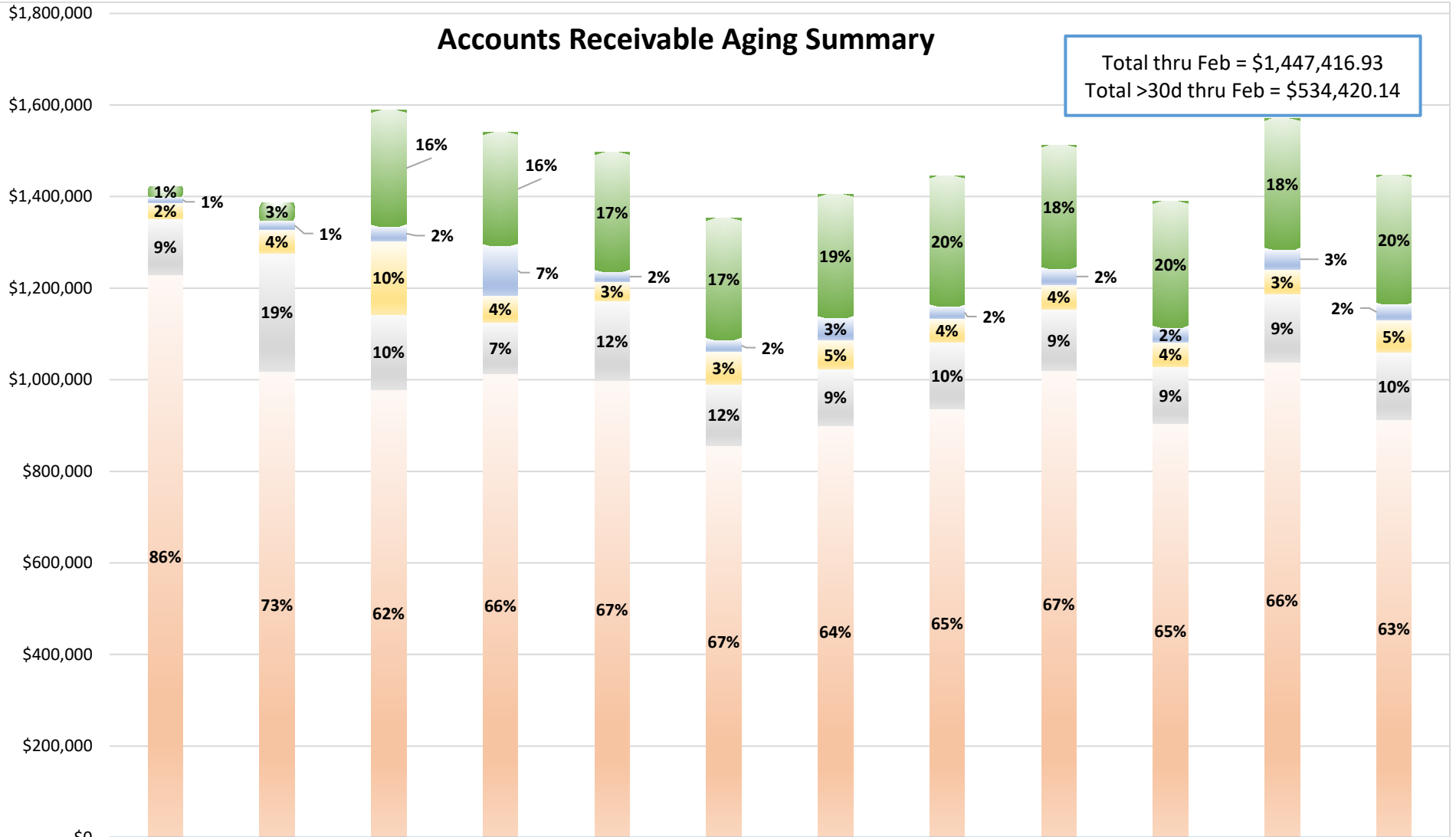
CUMULATIVE BILLED REVENUES

FY 2019, 2020 & 2021



Accounts Receivable Aging Summary

Total thru Feb = \$1,447,416.93
Total >30d thru Feb = \$534,420.14



	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21
● 121 days and over	\$22,887	\$38,823	\$253,755	\$247,167	\$259,985	\$265,097	\$269,845	\$284,230	\$270,064	\$275,630	\$285,894	\$282,561
■ 91-120 days	\$13,058	\$20,048	\$31,926	\$109,466	\$22,617	\$26,278	\$48,399	\$27,822	\$34,480	\$31,783	\$43,603	\$34,412
■ 61-90 days	\$35,486	\$50,533	\$160,892	\$57,756	\$42,403	\$70,981	\$63,689	\$51,326	\$54,366	\$54,399	\$54,665	\$70,380
■ 31-60 days	\$121,758	\$257,987	\$163,476	\$112,070	\$174,030	\$133,850	\$123,235	\$145,805	\$134,340	\$123,236	\$147,762	\$147,068
■ 0-30 days	\$1,229,258	\$1,018,686	\$978,907	\$1,013,854	\$997,485	\$856,561	\$900,032	\$935,900	\$1,019,504	\$904,886	\$1,038,902	\$912,997

DEPARTMENT OF WATER

County of Kaua'i

"Water has no Substitute – Conserve it!"

INFORMATION & EDUCATION SPECIALIST REPORT

March 25, 2021

Public Notices and Announcements

All news releases were published online via the Department's Facebook page and on the County of Kaua'i's website at www.kauai.gov/press-releases. Additionally, roadwork notices are emailed to the Department of Transportation (DOT) communications office.

Service Announcements:

<i>Date Issued</i>	<i>Water System & Affected Service Areas</i>	<i>Announcement</i>	<i>Effective Date & Times</i>	<i>Other Notices</i>
02/18/21 02/24/21 02/25/21	KILAUEA – Anini Road	Water service shutdown: water line improvements Reminder notice issued on 02/24	Feb. 25 10:30 a.m.- 2 p.m. Updated 12:30-4:30p.m. Extended thru 6:30 p.m. Restored 7 p.m.	BlackBoard CTY
02/18/21 02/19/21 PSA	KAPA'A – Waiakea Road, Ninaulia Road, portion of Kahuna Road	Water service shutdown: Main line leak investigation & repairs	Feb. 18 12:30 – 3:30 p.m. Rescheduled to: Feb. 19 10 a.m.-12:30 p.m. Rescheduled to: Feb. 22 11 a.m.-2 p.m.	BlackBoard CTY <i>Media article published on 02/24/21(attached)</i>
02/19/21	Hanapepe-Ele'ele Water Systems Improvements Project	Partial Road Closure: Hanapepe Road	Mar. 1 to Apr. 12 7 a.m. - 5:30 p.m. Mon-Fri, except holidays	Postcard notification <i>Media article published on 02/25/21 (attached)</i>
02/26/21 PSA	All Systems	Reminder to hotels, schools and large commercial properties to flush plumbing fixtures	n/a	Email notice to customer groups
02/27/21	KAPA'A – Portion of Kuhio Highway, Pouli Road and Kamoia Road	Emergency water service shutdown and lane closure: Main line break on east bound lane	Feb. 27 12 p.m.- 4 p.m. Restored at 3:45 p.m.	Direct calls to businesses
02/27/21	KAPA'A – Portion of Kuhio Highway, Pouli Road and Kamoia Road	Emergency water service shutdown and lane closure: Main line break on north bound lane	Feb. 27 7:30 p.m. – 10:30 p.m. Restored at 10:15 p.m.	Direct calls to businesses <i>Media article published on 02/27/01 (attached)</i>
03/01/21 PSA	KALAHEO – Hakuhale Street and Hakuhale Place	Emergency water service shutdown: Main line break	Mar. 1 1 p.m. – 7 p.m. Restored at 5 p.m.	BlackBoard CTY
03/11/21	All Systems	Water emergency preparedness and service advisory reminders	n/a	

PSA: Public Service Announcement

Other Media:

- The Department was mentioned in an article published in the Garden Island Newspaper on February 26, 2021, written by Sabrina Bodon, entitled “\$22M rental-assistance program coming” (*Attached*). The article mentions the DOW’s potential participation in the County of Kaua’i’s rental-assistance program to offer utility payment relief as part of the second round of covid-19 relief funds.

Public Relations Program

Community Outreach & Education

- Wise Water Wednesday campaign: Promotional advertisements were published on Feb. 17, 24 and on March 3, 10 via Facebook Posts, Radio Spots and print advertisement. The print banner ads were also published online via www.gardenislandnewspaper.com (*Attached*). Campaign messages included: estimated annual cost of 8 cups of water, toilet flapper leaks, how to report a leak, a reminder to check for household leaks and service reminders on convenient ways to bill pay.
- The Department is hosting its annual distribution of free leak detection starter kits on March 15-29, 2021 as part of the EPA’s WaterSense campaign, Fix a Leak Week. The free kits will be available for pick-up at our main lobby during the Department’s phased reopening event.

Upcoming Community Outreach & Educational Events

- March 15-19, 2021 – EPA’s Fix a Leak Awareness Week

Project WET Hawaii

- Jonell Kaohelaulii submitted a quarterly update from Project WET Hawaii, as part of a Region 1 update to Project WET USA on Feb. 25, 2021.
- Project WET Hawaii is hosting its first virtual Educators Workshop on March 19, 2021. PWET Hawaii Facilitator, Tonya Ketza of the City & County of Honolulu’s Storm Water Branch, is coordinating the workshop with assistance from other agencies. DOW provided 22 Project WET Guide 2.0 books and 50 Project WET Activity Books to support the virtual workshop.

Miscellaneous

- Jenny Paleracio published the February 2021 edition of the employee newsletter, “As the Water Flows”.

JK/ein

Attachments: *The Garden Island* (DOW mainline break causes homeowner flooding)
The Garden Island (Closures scheduled for Hanapepe Road)
The Garden Island (22M rental-assistance program coming)
Khon2 (Second water service shutdown, partial lane closure for Kuhio Highway)
The Garden Island (Wise Water Wednesday Ad – Toilet Flapper Leaks)

Mgrrp/March 2021/Information & Education Specialist Report (3-25-21):ein

Hawaii News

DOW mainline break causes homeowner flooding

By Sabrina Bodon The Garden Island | Wednesday, February 24, 2021, 12:05 a.m.

Share this story   

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[Why this ad? ▶](#)

KAPA'A — A county Department of Water main line break on Kahuna Road was the cause of a homeowner's 17-day-long flooding.

As part of a potential-leak investigation, Monday a DOW crew conducted a three-hour test shutdown in Kapa'a to access the underground mainline, DOW spokesperson Jonell Kaohelauli'i said Tuesday.

Then, crews discovered a waterline break between the intersection of Waiakea Road and the Kahuna Road bridge by isolating sections of the mainline across the street from homeowner Kim Murriera's Kahuna Road property, which flooded in early February as a result.


"When the Department of Water turned off the water, you could watch the water (on my property) dry up," Murriera said.

For over two weeks, Murriera's property filled with underground seepage, eating away at her home. One engineer estimated the water on her land to be at least 6 feet deep.

While the water stopped, the damage to the foundation of Murriera's stilted home had been done.

Featured on TGI



 tgi THE GARDEN ISLAND

Get the latest email updates on coronavirus outbreaks

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-continued-

“There’s still a whole lot of work to make my property safe,” Murriera said.

Last week, Murriera was looking at an \$85,000 repair to dig a trench and filtration system that would have diverted water away from her home. Murriera said her insurance company is working with her to save her house.

The result of her flooding came from a vein that sprouted from the water line break and to Akulikuli Bridge. Now that the pressure of the water has been removed from those underground veins, concerns for the safety of the road and bridge still remain. This decreased water pressure in these concentrated areas could potentially lead to sinkholes.

As of mid-day Tuesday, DOW had not identified what caused the “unforeseen break,” but a mainline break can be natural, accidental, or caused aging infrastructure.

The DOW operates over 400 miles of underground water lines across the island.

By 3 p.m. Monday, the mainline was repaired and water services restored.

“The initial customer report, follow-up investigations and urgent repair led to a successful resolution of the leak on Kahuna Road,” Kaohelaui’i said. “We encourage customers to report water leaks that occur near a water meter or county roadway.”

Murriera said this is a “successful first step, but we’re not done.”

...

Sabrina Bodon, government reporter, can be reached at 245-0441 or sbodon@thegardenisland.com.

###

Hawaii News

Closures scheduled for Hanapepe Road

By [The Garden Island](#) | Thursday, February 25, 2021, 12:05 a.m.

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Why this ad? ▶

HANAPEPE – A partial road closure has been scheduled on Hanapepe Road; from the intersection of Kona Road, to the intersection of Hana Road, beginning March 1 to April 12, 2021 from 7 a.m. to 5:30 p.m., Monday to Friday, weather permitting.

The road closure will allow contractor, Goodfellow Bros. LLC. to install a new water main along Hanapepe Road, as part of Department of Water’s (DOW) Hanapepe-Elēle Water System Improvements Project.

Access will be allowed to local traffic, pedestrians and bicyclists. Flagger personnel will facilitate traffic flow in the area as needed.

DOW thanks Hanapepe residents and businesses for their patience and cooperation during these important system improvements.

Info: Ryan Mountcastle at 808-658-1151 or email ryanm@goodfellowbros.com.

Politics

\$22M rental-assistance program coming

By [Sabrina Bodon The Garden Island](#) | Friday, February 26, 2021, 12:05 a.m.

Share this story   

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[Why this ad? ▶](#)

LIHU'E — The County Housing Agency has been given the OK by the County Council to start up what hopes to be a \$22-million, federally-funded rental assistance program.

Adam Roversi, CHA director, said this program has the ability to “effectively wipe out” missed rental payments on the island which, on the high end, the county is estimating to be around \$21 million.

These funds can be used to cover rental and utility costs going back to March 2020 for those affected financially by the COVID-19 pandemic, Roversi said. The program is not extended to mortgagees.

Applications for tenants are available yet, but the county has sent out a request for proposals for a third-party, nonprofit to administer the program. Nonprofits have until March 10 to submit a proposal. Roversi hopes to have a contract signed by the end of March and get direct payments to landlords by April.

In cases where landlords or homeowners would not accept the direct payments, Roversi suggested working with tenants to still be eligible for the program.

The county’s program will be similar to that the state’s \$100-million, rental-assistance program that was announced last September in partnership with Catholic Charities Hawai’i and Aloha United Way.

Roversi expressed some hesitance in the county choosing more than one nonprofit to administer the program because of the difficulties the state had in making sure there was no duplication of benefits to applicants.

While similar, the county plan will be different in that there will not be a cap on rental payments, and tenants will need to be at or below 80% area median income in the 2020 tax year. For a family of four, that's an income limit of \$77,700, and \$54,400 for a single person, according to the U.S. Department of Housing and Urban Development's Income Limits Documentation System for 2020.

Applicants will need to be able to document a reduction in income as a result of the pandemic.

These funds are part of the second round of coronavirus relief. The state got about \$200 million, with Kaua'i tentatively being allocated \$22 million, Roversi said, in an initial allocation of \$10 million and "subsequent distributions on how fast we can get the money out on Kaua'i."

This program can also cover back and current payments on utilities to Kaua'i Island Utility Cooperative and the county Department of Water.

KIUC, Roversi said, had delinquent payments of about \$1 million, while DOW is down about \$750,000.

The county has an end-of-September deadline to utilize these funds.

...

Sabrina Bodon, public safety and government reporter, can be reached at 245-0441 or sbodon@thegardenisland.com.

Second water service shutdown, partial lane closure for Kuhio Highway



(Kauai Department of Water photo)

by: Web Staff
Posted: Feb 27, 2021 / 02:21 PM HST / Updated: Feb 27, 2021 / 07:29 PM HST

KAPAA, Hawaii (KHON2) — The Kauai Department of Water (DOW) announced a second emergency shutdown of water service and a partial lane closure on Kuhio Highway on Saturday, Feb. 27, due to an additional main line break in the area.

The DOW initially restored water service around 3:45 p.m. and the partial lane closure on Kuhio Highway was lifted at 5:10 p.m. before the additional break was detected.

-continued-

Water service is scheduled to be turned off for about three hours. The partial lane closure will go into effect at 7:30 p.m. to make for a safe work zone while repairs are conducted.

Customers along Kuhio Highway from the north intersection of Kamea Road to the Waipouli Bridge, Pouli and Kamoia roads are all in the affected water service area and are advised to take the following precautionary steps:

- Store enough water to meet personal needs until service can be restored.
- Notify neighbors, tenants, family and friends of the shutdown.
- Those with faulty water heaters should confirm their water heaters do not empty.

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###

Sample of Wise Water Wednesday advertisement

Published on 03-03-2021 in the Garden Island Newspaper



Tuesday, March 2, 2021 Today's Paper 76.298°

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- ALL ADS
- COMMUNITY
- DINING & ENTERTAINMENT
- SHOPPING
- SERVICES
- AUTOMOTIVE
- EMPLOYMENT

Home » Community » Government » Wise Water Wednesday

- Save this Ad
- Print this Ad
- Email to a Friend

Ads for Kauai Department of Water in Lihue, HI

A graphic for the 'Wise Water Wednesday' campaign. It features a yellow toilet plunger on the left and a scenic view of a waterfall on the right. The text reads: 'WISE WATER WEDNESDAY', 'Your toilet could be wasting 25 gallons of water each month!', 'Toilet leaks are ranked as the #1 household leak in America. The common cause is a worn out toilet flapper.', 'Remember to check and replace worn out toilet flappers often.', 'Kauai Department of Water 245-5400 | kauaiwater.org | Facebook: @KauaiDOW', and 'Department of Water County of Kauai'.

Feb 24, 2021. Kauai Department of Water Government Ads from The Garden Island

Kauai Department of Water

808-245-5400

4398 pua loke st
Lihue, HI 96766
(Office)

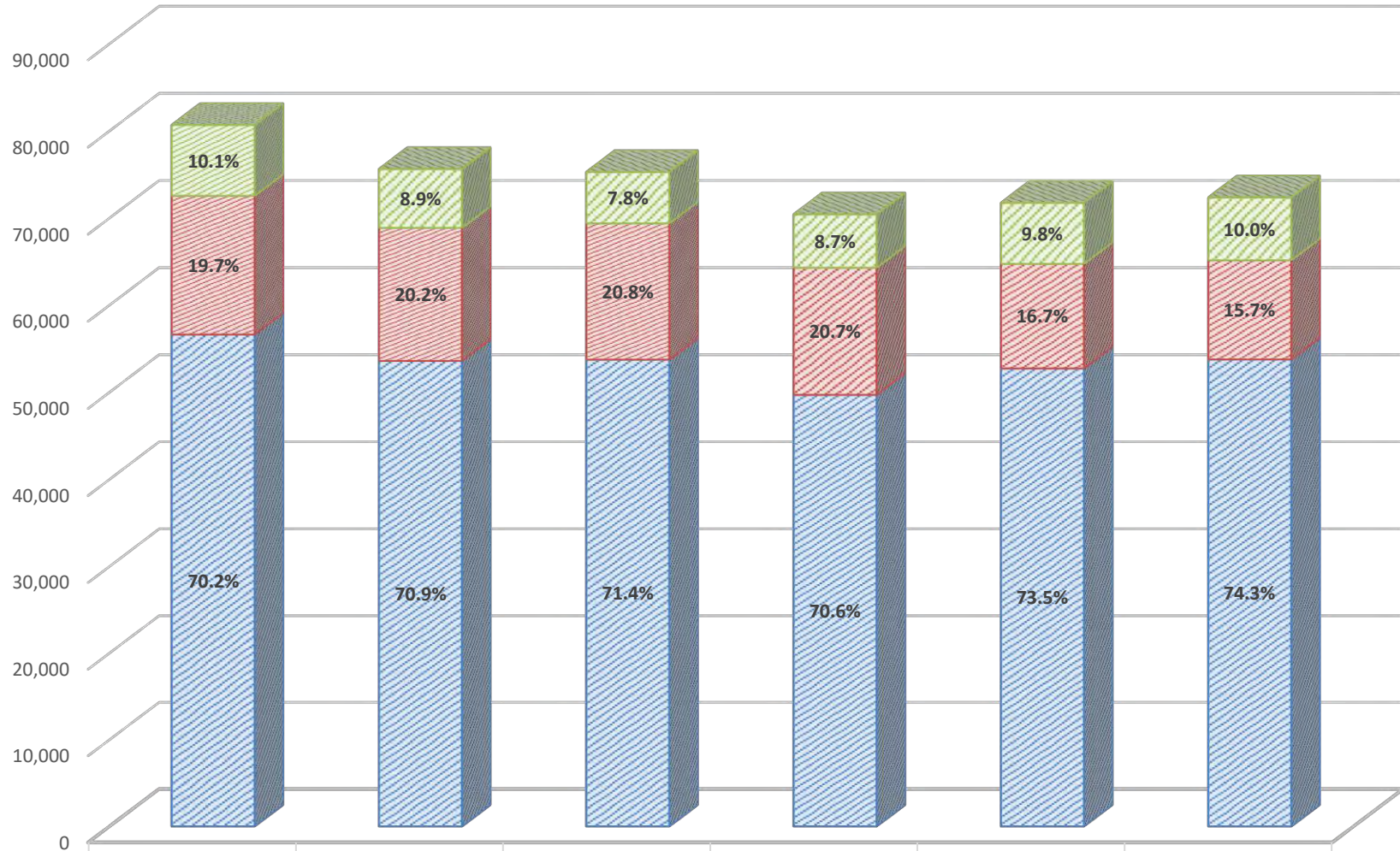
Operations Services Dashboard								
Month	Leak Repairs	Calls for Service	Meters Installed	Temporary Hydrant Meters	Work Orders Issued	Work Orders Closed	One Call Requests	Hydrants Hit
July								
August								
September								
October								
November	20	205	63	4	129	91	14	0
December	38	217	68	4	165	102	33	2
January	33	183	64	2	178	172	36	2
February	26	213	52	4	126	122	25	1
March								
April								
May								
June								

Operations Contract Dashboard				
Open for Bid				
Type	Contract Number	Job Number	Title	Contractor/Vendor
Equipment	GS-2021-03		Compact Track Loader/Addendum #1	Award posted-Bacon Universal
Awaiting Board Approval				
Type	Contract Number	Job Number	Title	Contractor
Processing/Notice to Proceed				
Type	Contract Number	Job Number	Title	Contractor
Services	703		Waimea Well B Change Order 1	Oasis Water Systems, Inc.
Equipment	706		Sewage Lift Station Control System	Xio, Inc.
Services	693		Koloa Well D Change Order 2 - no cost time extension	Derrick's Well Drilling

Highlights
<ol style="list-style-type: none"> 1. Estimated non-revenue water due to flushing and reported leaks for the month of February is 1,175,353 gallons 2. Operatons personnel attended Basic Electricity workshop via virtual platform 3. Four (4) new Operations personnel received their OSHA Asbestos O & M Training Certificates

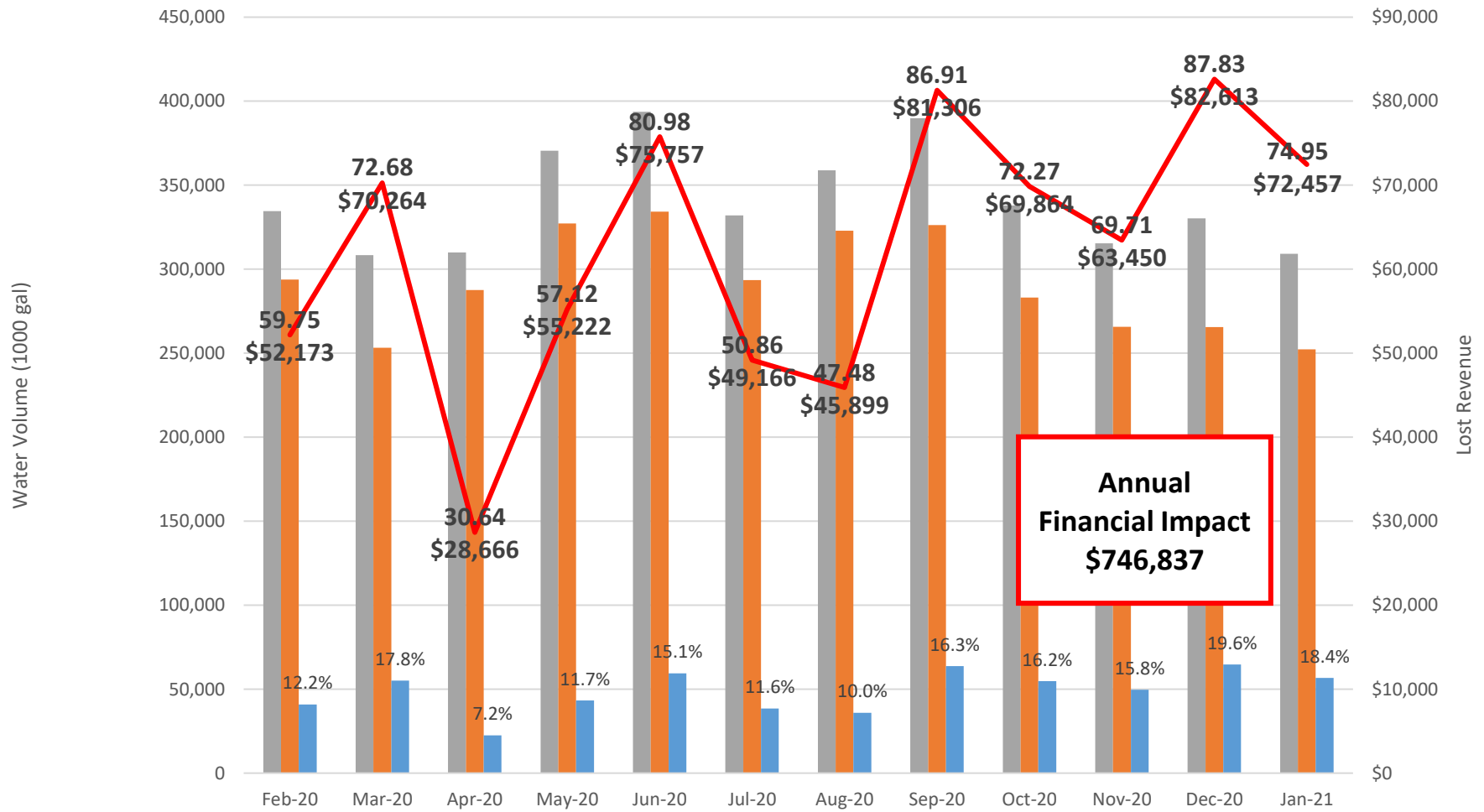
OPERATIONS PERSONNEL HOURS

Regular Hours Time-off Overtime



	FY16	FY17	FY18	FY19	FY20	FY21
Overtime	8,128	6,749	5,889	6,122	7,012	7,210
Time-off	15,927	15,275	15,650	14,595	12,002	11,381
Regular Hours	56,629	53,605	53,745	49,705	52,742	53,771

Monthly Water Audit February 2020 - January 2021



	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21
Produced	334,596	308,281	309,984	370,458	393,627	331,959	358,841	389,892	337,846	315,350	330,207	309,068
Customer Meter Read	293,740	253,258	287,536	327,214	334,303	293,457	322,898	326,223	283,136	265,663	265,514	252,328
Waterloss	40,856	55,023	22,448	43,244	59,324	38,502	35,943	63,669	54,710	49,687	64,693	56,740
Waterloss	\$52,173	\$70,264	\$28,666	\$55,222	\$75,757	\$49,166	\$45,899	\$81,306	\$69,864	\$63,450	\$82,613	\$72,457

DEPARTMENT OF WATER

County of Kaua'i

"Water has no Substitute – Conserve It!"

MANAGER'S UPDATE

March 25, 2021

Pursuant to Board Policy No. 3

CONTRACTS AWARDED/EXTENSION/AMENDMENTS:

1 CONTRACT NO. 706, JOB NO. GS-2021-01, SEWER LIFT STATION CONTROL SYSTEM AWARDED TO XIO, INC. IN THE AMOUNT OF \$22,120.00

FUNDING:

Account No.	10-40-00-604-999 (Line 17)			
Acct Description	WU/Ops/Capital Outlay – R&R/Misc. Capital Purchases			
Funds Available	Verified by WWC		\$	30,000.00
Contract No.	706			
Vendor	XiO, Inc.			
	Contract Amount	\$	22,120.00	
	5% Contingency	\$	0.00	
	Total Funds Certified	\$	22,120.00	
Fund Balance			\$	7,880.00

BACKGROUND:

The Department installed the lift station in 2017 with change from the base yard septic system. The control system installed did not allow for lead/lag grinder pump operation and only provided a local alarm. Over the years the Department has had a multitude of problems with the current control system ranging from failed pumps, failed level floats and problematic alarms. The alarms would be called in to Police Dispatch and then filtered to our Operations staff. The SCADA controller for the lift station will provide a more reliable level reading along with remote alarms to our plant operators. The SCADA controller will also provide historical data on the lift station operation.

2. THIRD AMENDMENT TO CONTRACT NO. 651, JOB NO. 2018-PROF-1, A.1, SPECIAL COUNSEL TO PROVIDE ENVIRONMENTAL, LAND USE, AND REGULATORY COMPLIANCE LITIGATION WITH ASHFORD & WRISTON, LLP IN THE AMOUNT OF \$25,000.00

FUNDING:

Account No.	10-01-10-540-010			
Acct Description	WU/Admin/Admin/Professional Services-General			
Funds Available	Verified by WWC		\$	25,000.00

MANAGER'S UPDATE

Re: Manager's Update for February 2021 to March 2021

March 25, 2021

Page 2 of 4

Contract No.	651			
Vendor	Ashford & Wriston, LLP			
	Contract Amount	\$	25,000.00	
	First Amendment	\$	50,000.00	
	Second Amendment	\$	30,000.00	
	Total Funds Certified To Date	\$	105,000.00	
Third Amendment:				
	Continued Special Counsel Services	\$	25,000.00	
	Total Funds Requested	\$	25,000.00	\$ <25,000.00>
	Contract Amount To Date	\$	130,000.00	
	Fund Balance			\$ 0.00

BACKGROUND:

Contract NTP Date: March 23, 2018

Original Contract End Date: N/A

New Contract End Date if Contract Time Extension: N/A

At the November 22, 2017 Board meeting, the Board approved the procurement of Special Counsel and the expenditure of funds for environmental, land use, and regulatory compliance litigation and related legal services. Since then, Special Counsel secured a final judgment in favor of the Board. Plaintiff appealed to the Intermediate Court of Appeals. Additional funds are necessary to ensure continued legal representation and support related to CIV-18-1-0063, CAAP-20-0000487.

3. THIRD YEAR SERVICES FOR CONTRACT NO. 670, JOB NO. IT-2019-1, CC&B CLOUD HOSTING AND SUPPORT WITH PRITHIBI CONSULTING IN THE AMOUNT OF \$250,000.00

FUNDING:

Account No.	10-30-20-561-000			
Acct Description	WU/Bill/Collection/Repairs & Maintenance-Other Than Water System			
Funds Available	Verified by WWC		\$	250,000.00
Contract No.	670			
Vendor	Prithibi Consulting Services, LLC			
	Contract Amount	\$	250,000.00	
	5% Contingency	\$	12,500.00	
	2 nd of 5 Years	\$	250,000.00	
	Total Funds Certified To Date	\$	512,500.00	

MANAGER'S UPDATE

Re: Manager's Update for February 2021 to March 2021

March 25, 2021

Page 3 of 4

3 rd of 5 years:			
Funding for 3 rd Year Services, 2020-2021 Budget	\$	250,000.00	
Total Funding for 3 rd Year	\$	250,000.00	\$ <250,000.00>
Contract Amount To Date	\$	750,000.00	
Fund Balance			\$ 0.00

BACKGROUND:

Contract NTP Date: January 30, 2019

Original Contract End Date: January 28, 2024

On October 3, 2016, the DOW moved to our own billing system; Oracle Customer Care & Billing (CC&B). We have since upgraded the system and it is currently on version 2.5.0.2. The Department finds that the need to convert CC&B to a hosted solution is critical to the DOW's operations to ensure that the billing system is functioning reliably. In addition, a hosted solution will allow for I.T. Staff to focus on the day-to-day operations of the DOW.

The DOW executed a 5-year contract with Prithibi Consulting Services, LLC on January 4, 2019 for support and management services of DOW's cloud hosting solutions which include servers, operating systems, software, storage, report writer, backups, networking, and security.

4. CONTRACT NO. 707, GS-2021-03, FOR THE FURNISHING AND DELIVERY OF ONE (1) COMPACT TRACK LOADER WITH ACCESSORIES AWARDED TO BACON UNIVERSAL COMPANY, INC. IN THE AMOUNT OF \$73,600.00

FUNDING:

Account No.	10-40-00-604-999		
Acct Description	WU/Ops/Capital Outlay- R&R/Misc. Capital Purchases		
Funds Available	Verified by WWC		\$ 91,000.00
Contract No.	707		
Vendor	Bacon Universal Company, Inc.		
	Contract Amount	\$	73,600.00
	5% Contingency	\$	N/A
	Total Funds Certified	\$	73,600.00
Fund Balance			\$ 17,400.00

BACKGROUND:

The existing skid steer loader is over 10 years old and not of sufficient capability for use at our remote work sites. The new skid steer will allow for vegetation control with the shredder attachment along with remote site and road maintenance utilizing the tracks. The shredder attachment is useful for mowing large

remote sites where guinea grass is difficult to keep under control. Bids were received and opened on February 5, 2021.

WAIVER, RELEASE & INDEMNITY APPLICATIONS:

None

STAFF REPORTS - FY 20-21:

PERSONNEL MATTERS

March 15, 2021

Please reference attachment.

Pursuant to Board Policy No. 24

CONVEYANCE OF WATER FACILITIES \$17,200.00

Bruce Mathew Martin, Trustee of the Bruce Mathew Martin 2007 Living Trust, dated November 29, 2007	5-1-005:105	Haena
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CUSTOMER CARE AND BILLING (CC&B) SYSTEM UPDATE:

None

I.T. INITIATIVES UPDATE:

None

OTHER ITEMS OF INTEREST:

1. DOW held its annual meeting, with all personnel, divided over a 5-day period to meet COVID requirements.
2. SB 1122/SD2 - All four county water departments are in opposition to this legislation. As proposed and amended it changes how the department manages water allocation and changes the board makeup.
3. Soft opening of lobby area March 15. Announced opening April 1.
4. Waiahi SWTP improvements are out to bid.

PACIFIC WATER CONFERENCE, FEBRUARY 2-4, 2021

I attended the virtual 2021 Pacific Water Conference from February 2-4. The cost for the conference was \$95. I attended several technical presentations focusing on desalination, optimizing pipeline rehabilitation, and regulatory updates to gather information and continuing education units for my licensure. I found the regulatory updates on the Unregulated Contaminant Monitoring Rule (UCMR) process, Lead and Copper Rules Revision (LCRR), and America's Water Infrastructure Act (AWIA) especially informative. Presentations are available for 30 days after the conference and I have watched a few additional presentations.

Since this was a virtual conference, there was not a good opportunity to network with other water professionals in a meaningful manner.

ADVISOR REPORT TO THE BOARD OF WATER SUPPLY UPDATE

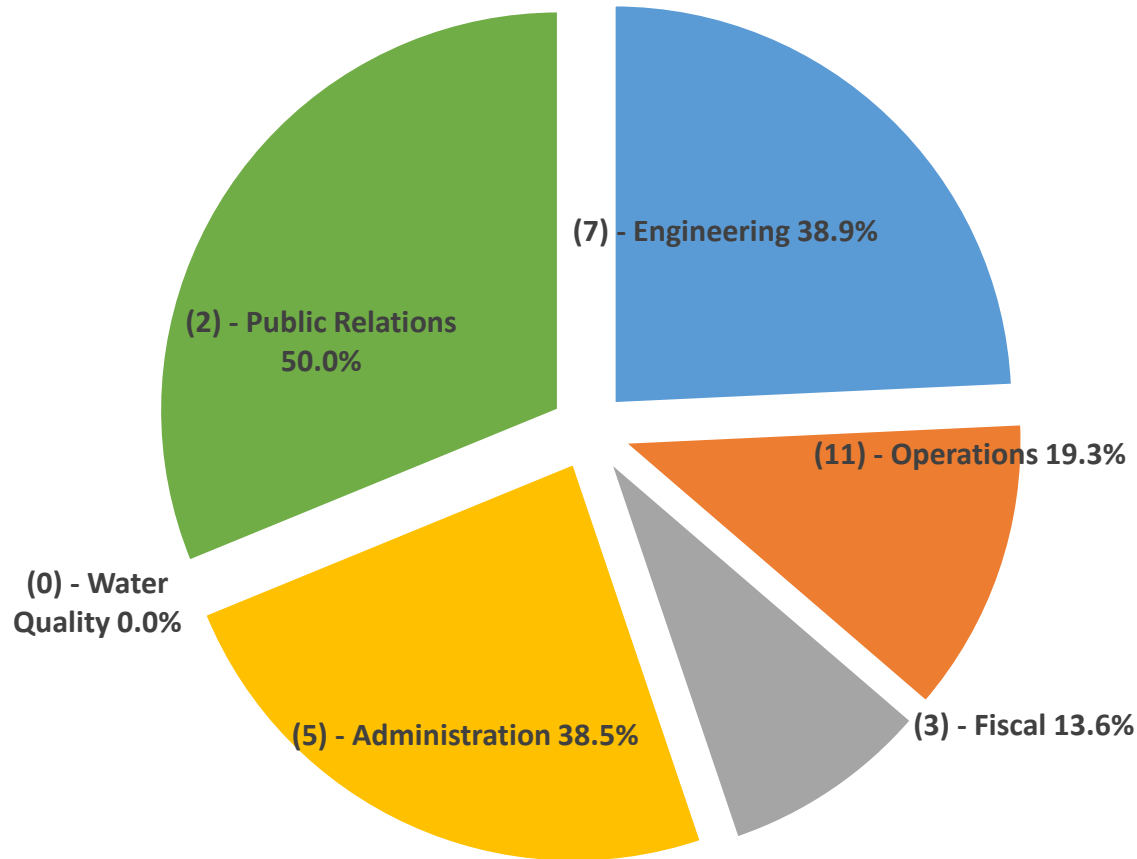
Period ending February 28, 2021

- Handled emails, calls and texts from staff
- Discussions with Acting MCE on various items
- Prepared for and participated in DOW Board Meeting

Attachment: Personnel Matters

Mgrpp/Manager's Update (March 25, 2021):mja

Personnel Dashboard



Vacancies by Division

(# Vacancies), Division, Percent Vacant

Summary

Total Authorized = 117
Total Vacant = 28 (22%)
Actively Recruiting = 14

Highlights

1. Civil Engineer III in Engineering Service section starts 4/1/2021.
2. Waterworks IT Manager starts 4/1/2021.
3. Commission Support Clerk retires 3/31/2021 close of business.