

BOARD OF WATER SUPPLY

JULIE SIMONTON, CHAIR
GREGORY KAMM, VICE CHAIR

KURT AKAMINE, SECRETARY
LAWRENCE DILL, MEMBER
KA'AINA HULL, MEMBER
TROY TANIGAWA, MEMBER



REGULAR MONTHLY MEETING NOTICE AND AGENDA

Thursday, April 28, 2022
9:30 a.m. or shortly thereafter

Meetings of the Board of Water Supply, County of Kaua'i will be conducted remotely in accordance with Act 220, Session Laws of Hawai'i 2021 via interactive conference technology as follows:

Click on the link below to join on your computer or mobile app by VIDEO:

<https://us06web.zoom.us/j/82648984770>

OR

Dial phone number and enter conference ID to call in and join by AUDIO:

Phone: 888 788 0099 US Toll-free
Phone Conference ID: 826 4898 4770

Please Note: If you do not provide a name, unique identifier, or alias when joining the meeting, you will be renamed to allow staff to address and manage individual guests.

In the event of a lost connection the Board will recess for up to 30 minutes to restore the connection. If the connection cannot be restored within 30 minutes, the Board will continue the meeting to 12:00 p.m. or shortly thereafter. If the visual link cannot be restored, the Board may reconvene with an audio-only link using the above dial-in phone number and conference ID. A lost connection only applies to remote connections provided as part of the remote meeting but does not apply to a public member being unable to access the meeting due to a connectivity issue on their end.

CALL TO ORDER

ROLL CALL

ANNOUNCEMENTS:

Next Scheduled Meeting: Thursday, May 26, 2022 – 9:30 a.m.

APPROVAL OF MEETING MINUTES:

1. Regular Board Meeting – March 24, 2022
2. Executive Session – March 24, 2022

APPROVAL OF AGENDA

PUBLIC TESTIMONY

NEW BUSINESS

1. Discussion and Possible Action on Draft Budget for Fiscal Year 2022-2023
 - a. Draft Operating Budget FY 2022-2023
 - b. Draft Capital Outlay Budget FY 2022-2023

STAFF REPORTS

1. Fiscal - Statement of Revenues and Expenditures
 - a. March Monthly Summary Budget
 - b. Accounts Receivable Aging Summary
2. Public Relations Activities – updates on Public Notices & Announcements, Community Outreach & Education, Upcoming Events, and Project WET
3. Operational Activities – Monthly service dashboard & highlights, Monthly comparison of water produced, customer meter read, and water loss
4. Manager and Chief Engineer – update on monthly activities, personnel matters, and required communications to the Board

QUARTERLY REPORTS

1. Build America Bond – Statement of Expenditures
2. Claims Settled by Department of Water
3. Engineering – updates on quarterly accomplishments, Water Plan 2020 Construction Project status, and IDIQ service contracts
4. Information Technology -

TOPICS FOR NEXT BOARD OF WATER SUPPLY MEETING: (May)

1. Board of Water Supply Finance Committee report:
Draft Budget for Fiscal Year 2022-2023
 - a. Draft Operating Budget FY 2022-2023
 - b. Draft Capital Outlay Budget FY 2022-2023

TOPICS FOR FUTURE BOARD OF WATER SUPPLY MEETINGS:

1. Recommendation for baseyard improvements
2. Facility Improvement Program/Safety & Security
3. Future organizational changes

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 during the Public Testimony portion.

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
Lihu'e, Hawai'i 96766

E-Mail: board@kauaiwater.org
Phone: (808) 245-5406
Fax: (808) 245-5813

Public Testimony

You do not need to register to provide oral testimony on the day of the meeting. Please note that public testimony is taken after the approval of the meeting agenda to ensure public testimony is received before any action is taken on an agenda item. The length of time allocated to present oral 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 fulfil your request. Upon request, this notice is available in alternate formats such as large print, Braille, or electronic copy.

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DRAFT

MINUTES

MINUTES
BOARD OF WATER SUPPLY
Thursday, March 24, 2022

The Board of Water Supply, County of Kaua‘i, met in a regular meeting in Līhu‘e on Thursday, March 24, 2022. Chair Julie Simonton called the meeting to order at 9:40 a.m. The following Board members were present:

BOARD:

Ms. Julie Simonton, *Chair*
Mr. Greg Kamm, *Vice Chair*
Mr. Lawrence Dill
Mr. Ka‘aina Hull
Mr. Troy Tanigawa

EXCUSED:

Mr. Kurt Akamine

Quorum was achieved with 5 members present at Roll Call.

STAFF:

Manager & Chief Engineer Joseph Tait
Deputy County Attorney Mahealani M. Krafft
Commission Support Clerk Cherisse Zaima
Computer Systems Support Technician Darrel Acob
Deputy Manager Judith Hayducsko
Civil Engineer Michael Hinazumi

Waterworks Controller Marites Yano
Asst. Waterworks Controller Marcelino Soliz
Info. and Education Specialist Jonell Kaohelaulii
Chief of Operations Valentino Reyna
I.T. Specialist Wayne Takabayashi
Private Secretary Mary-jane Akuna

ANNOUNCEMENTS

Next Scheduled Meeting: Thursday, April 21, 2022 – 9:30 a.m.

APPROVAL OF MEETING MINUTES

1. Regular Board Meeting – February 24, 2022

Board member Dill moved to approve the minutes of the February 24, 2022 Regular Board Meeting, seconded by Mr. Tanigawa; with no objections, motion carried with 5 Ayes.

APPROVAL OF AGENDA

Board member Dill moved to approve the agenda, seconded by Mr. Tanigawa; with no objections, motion carried with 5 Ayes.

PUBLIC TESTIMONY

The department received no public testimony prior to the meeting, and there were no registered speakers.

There was one (1) caller from the public who joined in the meeting.

NEW BUSINESS:

1. *Manager’s Report No. 22-59* – Discussion and Possible Action to approve the Conveyance of Water Facility from BBCP Kukuiula Infrastructure, LLC for Kahela Subdivision (Parcel H)

No. S-2016-02; TMK: (4) 2-6-022:054, 061, 062, 063 and 064 [FKA 2-6-015:014(por.)], Koloa, Kaua'i, Hawai'i.

2. Manager's Report No. 22-60 – Discussion and Possible Action to approve a Grant of Easement agreement from BBCP Kukuiula Infrastructure, LLC for Kahela Subdivision (Parcel H) No. S-2016-02; TMK: (4) 2-6-022:061 {FKA 2-6-015:014(por.)}, Koloa, Kaua'i, Hawai'i.

Civil Engineer Michael Hinazumi noted for the record that there is an error in the title of Manager's Report No. 22-60 where the Tax Map Key numbers should be the same as the Tax Map Key numbers in Manager's Report 22-59 as they are part of the same project. He also noted that the signature on the documents may change as Kukuiula has been acquired by another company and they are working through that transition. In response to Vice Chair Kamm, Mr. Hinazumi clarified that everything has been installed, inspected and certified.

Board member Dill moved to approve Manager's Report Nos. MR 22-59 and MR-60, with amendments to the title, seconded by Mr. Kamm; with no objections, motion carried with 5 Ayes.

3. Discussion and Possible Action on the 6-month Probationary Evaluation form for the Manager and Chief Engineer

Chair Simonton explained that staff did not realize that a 6-month evaluation was required, but now the board needs to come up with a form to use. Currently, the Board has not adopted a standard form, nor has the Chair been delegated the authority to make such a decision. For the sake of getting it done by the March 31, 2022 due date, Chair has elected to use the standard County HR form and is asking for an approval for using that form with the caveat that moving toward the Manager's 1-year review, the Board can formally work on and adopt their own form. The use of the County HR standard evaluation form would be for the purposes of completing this 6-month evaluation.

Board member Tanigawa moved to approve the County HR standard evaluation form for the 6-month evaluation of the Manager, seconded by Mr. Dill; with no objections, motion carried with 5 Ayes.

STAFF REPORTS

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

Assistant Waterworks Controller Marcelino Soliz provided a summary of the Fiscal report.

Manager Tait asked to clarify that the two numbers recorded for January and February's capital are low numbers compared to what he is aware of for Professional Service contracts, and that those would be counted under Professional Services as opposed to Capital to which Mr. Soliz replied yes.

Board member Dill referenced the Summary Sheet for January (Page 81) under Capital Projects it shows the department budgeted \$29 million and spent about half a percent of that. He questioned whether the budgeted number is an encumbrance versus an expense and is unsure why there is a huge discrepancy between the two. Mr. Soliz explained that the \$29 million includes encumbrances that were rolled over from the previous year for projects that were not expensed out. He stated for example that if they have a 5-year project, it's been DOW's practice to open up a Purchase Order for the total expenses for the five years. Those funds are encumbered and the unused portion rolls over to subsequent years. The \$29 million includes rollovers from the Fiscal Year 2018-2019 budget to the current budget year.

Mr. Dill agrees that has been the practice, but he would like to request that the department take a look at how those numbers are presented so the numbers are a little more useful to the board to determine whether or not things are on track. Manager Tait asked if Fiscal could provide a breakdown of encumbrances by year with the names of the projects attached to them.

Mr. Dill referenced Operating Expenses noting that a significant portion of that \$6 million difference was due to capital contributions and asked why the department is so far off in its capital contributions. Mr. Dill noted that the capital contributions line item on Page 83 shows the revised YTD budget is \$9.4 million and the actual is at \$470,000 which is 95% off our projections and asked why that is the case. Mr. Soliz explained that some of those could be appropriations that have not yet been encumbered. Mr. Dill requested that those types of highlights be included in the fiscal report. Manager Tait suggested that the format of the fiscal reports be changed to provide more detail and clarity the board members need to see. Mr. Dill added that when the report is presented every month, he'd like to track how the department is doing against the budget the board has approved.

Chair Simonton stated that she has been approached by members of the public reporting egregious billing errors and asked how those significant errors are reflected in the monthly fiscal report. She noted that she was made aware just this January of a six-figure error and would like to know how many incorrect bills are going out in any given month so they can figure out how to improve that. Manager Tait pointed out that he does address some of that in his Manager's update and would like to focus on that discussion further at that time. Mr. Soliz explained that once those incorrect bills were brought to his attention, he began implementation of a plan to retrain and refresh staff to be more cognizant of following the proper procedure and how to identify instances where an incorrect bill was sent out. He stated that some shortcuts were being taken by staff which they are addressing to ensure it does not continue to happen. He added that they are able to pull a report on how many incorrect bills have gone out. Chair Simonton stated that the fiscal report is not reflecting those errors, noting that there were two that totaled a lot of money that would throw off their revenue projections. Manager Tait added that there are fail-safes in place but it's a question of whether or not they are followed.

Mr. Dill asked whether the water consumption rates have recovered from the pandemic to which Mr. Soliz explained the department is still in recovery mode and are working with KGEFCU who are administering the Relief Act fund. They are working with them to do some outreach to those customers and catch up with the backlog of arrearages. Mr. Dill stated that speaks to the Aging and receivables and asked about actual water consumption. Mr. Soliz stated that its not quite at 100% but they expect to see a huge increase in April now that the travel industry has opened up; all those commercial properties should be coming back online.

1. Public Relations Activities for January and February

Information and Educational Specialist Jonell Kaohelaulii provided a summary of the Public Relations reports highlighting the national Fix-A-Leak Week campaign. She thanked all staff members who assisted with restocking of leak detection kits and assisting our customers with promotional information about this campaign. As of today, they have exceeded their outreach goal to distribute 150 toilet tablets and 200 leak detection starter kits. Kits will be available through the end of March and toilet tablets are available year-round.

Vice Chair Kamm commented that the heart-shaped sponges last month were excellent and Chair Kamm thanked Ms. Kaohelaulii for all her hard work.

2. Operational Activities January and February

Chief of Water Operations Val Reyna provided a summary of the Operations report submitted noting that in January the department's estimated water loss due to flushing was almost 4 million gallons, which is way more than the losses usually seen. This was due to a leak in Anini that according to the home-owner, he was hearing water gushing near his property for almost 7 months which was due to a partially severed service lateral. Once that was repaired, February's report shows that number was reduced significantly. Chair Simonton stated she does not see a spike on the chart and questioned if that should be reflected. Mr. Reyna explained that the charts are for January and February and this water loss was happening for over 7 months so these charts would not reflect that spike. Mr. Dill asked to clarify that the department still purchases water from Princeville, for which we receive a monthly bill and asked if there is a way for the department to use those bills to track something like this. In response to Mr. Dill, Mr. Reyna stated the department is starting to track the meter readings to which Mr. Dill requested that be done on a monthly basis. Manager Tait suggested that this monthly report include a graph that shows trending numbers over a period of months.

Ms. Simonton stated that the graph shows the annual impact of water loss is about \$1 million, which is significant. She stressed the importance of making sure those meters get read and compare master meters with the billing department; whatever we can do in-house first before sending the crews out. Mr. Dill suggested that our meter readers go out and read the meters at the same time as the Princeville meter readers.

There was further discussion about tracking water loss and non-revenue water.

Mr. Dill referenced the Operations Services Dashboard noting that each month the work orders issued is greater than the work orders closed and asked if he is misunderstanding the numbers. Mr. Reyna explained that there are months where a bunch of preventative work orders are issued, but because they are on-going for the whole year, they are not being closed. Mr. Dill stated that is a problem for him and he would like to request documentation on the status of the work orders.

Board member Tanigawa asked if there are months where there are greater amounts of calls for service than work orders issued to which Mr. Reyna stated yes, that happens when multiple people call about the same leak or same area. Mr. Tanigawa asked what the numbers listed under "Auto Repair Shop" represent to which Mr. Reyna explained those are in-house repairs for vehicles and equipment. Mr. Tanigawa asked what do the lack of numbers from February

through October mean to which Mr. Reyna stated they were not tracking those items during that time period.

3. Manager and Chief Engineer

Manager Joe Tait stated there has been a history of issues with billing, which doesn't seem to be anything new, but has been coming to light more recently. He explained that there is a system in place to flag anomalies, but obviously the process for addressing those anomalies is not being followed and the bills get sent out anyway. There is a mix of more recent and long-standing issues that have not been addressed. As Mr. Soliz mentioned, some of the issued are training related, but training can only do so much without an understanding of the process. It's become apparent to him that this is a performance and training issue rather than a system issue. This is currently being addressed through documenting performance and filling training gaps.

Chair Simonton stated that the water bills issued are the bread and butter of the department. She noted the recent bill brought to her attention was so wrong, and not only had been billed, but then had a credit applied to it without explanation. She commented that things like this makes people question the competency of the department and whether we are billing correctly. Manager Tait stated it is apparent that the priorities have been production over accuracy and while we want to have both the importance needs to be on accuracy, and those mistakes need to be acknowledged and fixed. Chair Simonton asked if the meter replacement program factor into this in terms of transferring data to which Manager Tait replied yes, because theoretically they will provide more accurate data; however, there is still the matter of fixing the process which he wants to focus on.

Mr. Dill stated that it was mentioned that part of the issue was the number of bodies and asked if they need more staff in billing. Manager Tait stated the issue is determining how the workload is distributed between each person and the number of staff at the counter is part of why he's looking at the staffing and reorganization. There are currently 25 vacancies; however, if we wanted to fill all of those positions today, the department would not be able to fit them in the existing buildings. Staffing is an issue but the bigger issue is procedural.

Board member Hull stated that in the Planning Department, the shift to working from home during the pandemic showed an increase in work productivity. Now that the County has opened back up, they are implementing shifts for their front counter technicians to work both at home and in-office on a rotating basis, with all technicians in-office one day a week. Mr. Hull stated he does not know if that would work with DOW's billing staff, but Planning has noticed far more efficiency through this tele-working program. Manager Tait stated that DOW has had a practice that under extreme circumstances everyone has to be on-site; however, he currently has some staff that report directly to him that are not on-site every day and are able to work just as efficiently from home. This may address some of the issues regarding having enough space to accommodate the current vacancies.

Manager Tait stated the department is currently assessing the permit application process and how to ensure that the department protects public health and safety versus addressing the desire of the customer to get it. He noted that he's been communicating with customers who have not even had their phone calls addressed. There were 7 applicants who he met with at their properties to look at the meters and their intended building plans. The pressing issue involves the cost of building materials and how much costs have been increasing while they wait. He pointed out that the Engineering division leads have rearranged their workforce to be more efficient, and the process they oversee has significantly decreased the lag time, though the angst from the

customers remain. Michael Hinazumi explained that Engineering still has 2 vacancies in permitting. They have made changes to their processes and have become more efficient, so the building permit turnaround time is around 2-weeks. However, that doesn't mean the permits are approved in 2-weeks. There is still a process in which reviews are done and comments are to determine if an application is ready for approval. Board member Hull commented that in the Planning Department, if one, single item was missing the application was just denied rather than the team having conversations with the applicant. It made for a quick turnaround but in the long run made for a lengthier process. While it made the numbers look great it added 4 to 6 more weeks to the permitting process. He cautioned that having a quick turnaround is good but should not be at the expense of the overall process. Manager Tait added that the second piece of that after the permit approval is done, there is the inspection process; currently the department has 3 vacancies for Inspectors. Chair Simonton added that she gets calls from commercial properties that are unaware of the actual process and so it's not that they don't want to comply, they just may not be aware.

Manager Tait reported that there are a tremendous amount of personnel issues that he, the Deputy Manager and division heads have been addressing which unfortunately has taken precedence over the billing and permitting issues. Administration has been spending a lot of time working on policies, practices and procedures noting that some practices have become historical and cultural policies that need to be looked at.

Board member Dill asked about plans for future financial policies to which Manager Tait explained that they are looking at how they are addressing current, ongoing, routine billing practices to explore other options that may be available to resolve issues.

TOPICS FOR NEXT BOARD OF WATER SUPPLY MEETING: *(April)*

1. Update on recommended meter communication system
2. Proposed Budget for FY 2022-2023
3. Manager's Goals update – 1st Quarter
4. Quarterly Reports

TOPICS FOR FUTURE BOARD OF WATER SUPPLY MEETINGS:

1. Recommendation for baseyard improvements
2. Fleet Management Program

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 hire, evaluation, dismissal, or discipline of an officer or employee or of charges brought against the officer or employee, 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.

6-Month Probationary Job Performance Evaluation for Manager

Board member Tanigawa moved to go into executive session, seconded by Mr. Dill; with no objections, motion carried with 5 Ayes.

The Board entered into executive session at 10:56 a.m.

The board resumed in open session at 12:28 p.m.

Board member Tanigawa moved to ratify actions taken in Executive Session, seconded by Mr. Hull; with no objections, motion carried with 5 Ayes.

ADJOURNMENT

The meeting was adjourned at 12:29 p.m.

Respectfully submitted,

Approved,

Cherisse Zaima
Commission Support Clerk

Kurt Akamine
Secretary, Board of Water Supply

DRAFT

A horizontal splash of clear blue water with bubbles and ripples, set against a white background. The water is positioned behind the text.

NEW

BUSINESS

DEPARTMENT OF WATER

County of Kaua'i

"Water has no Substitute – Conserve It!"

April 28, 2022

Re: Proposed Operating and Capital Budgets for FY 2022-2023

RECOMMENDATIONS:

1. Board review and approval of the Department of Water ("DOW")'s Proposed Annual Operating budget for Fiscal year ("FY") 2022-2023.
2. Board review and approval of the DOW's Proposed New Capital Outlay Budget for FY 2022-2023.
3. Board review of the DOW's Outstanding Purchase Orders ("PO") from FY 2021-2022 and approval of the budget rollover to FY 2022- 2023.

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 four 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 2022 – 2023. It consists of the following:

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

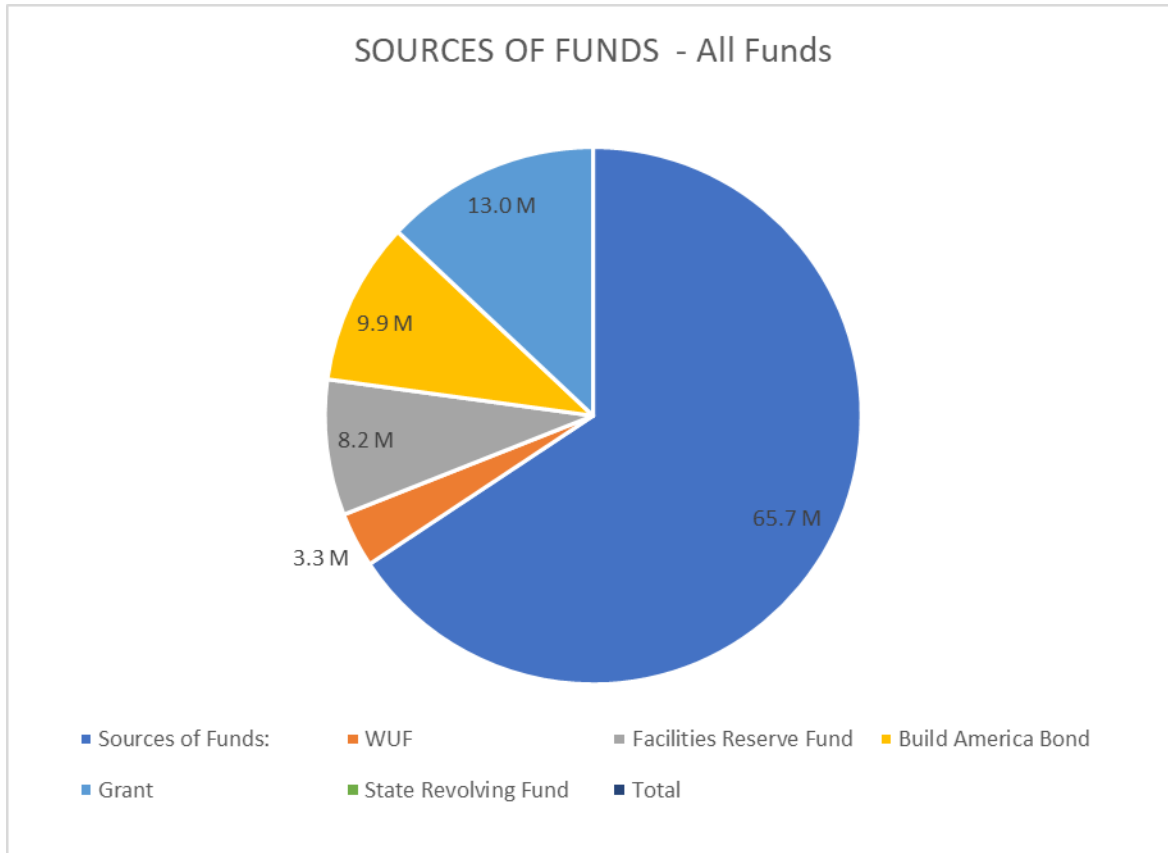
A summary of Purchase Order ("PO") rollovers for unexpended encumbrances such as Contracts and Purchase Orders will be submitted as a supplemental budget under a separate cover after closing the financial accounting system as of FY ending June 30, 2022, is completed.

There are five (5) Sources of Funds that are maintained separately, and these are:

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

A. SOURCES OF FUNDS:

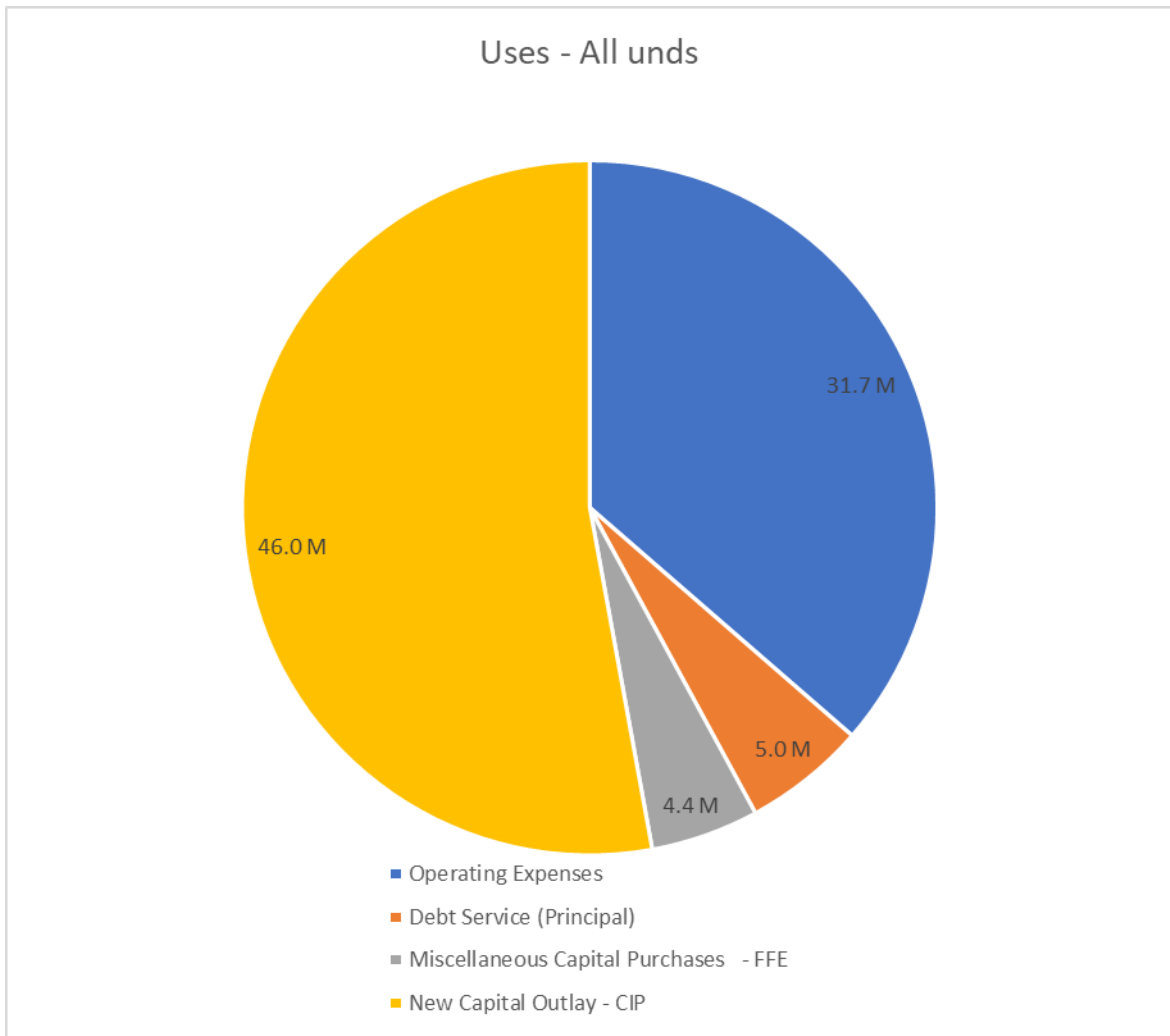
The projected sources of funds for Fiscal Year 2022 – 2023 with a total of \$100.1 million (“M”) are shown below. This amount is the net of current total encumbrances which may roll over to the next fiscal budget year 2022-2023 if not expended before the end of this fiscal year 2022.



Sources of Funds:

WUF	\$	65,743,989
Facilities Reserve Fund	\$	3,320,519
Build America Bond	\$	8,173,487
Grant	\$	9,850,000
State Revolving Fund	\$	13,000,000
Total	\$	100,087,995

B. USES - All FUNDS:



Uses – All Funds

Operating Expenses	\$	31,652,627.00
Debt Service (Principal)	\$	4,961,483.00
Miscellaneous Capital Purchases - FFE	\$	4,377,500.00
New Capital Outlay - CIP	\$	45,999,938.00
Totals	\$	86,991,548.00

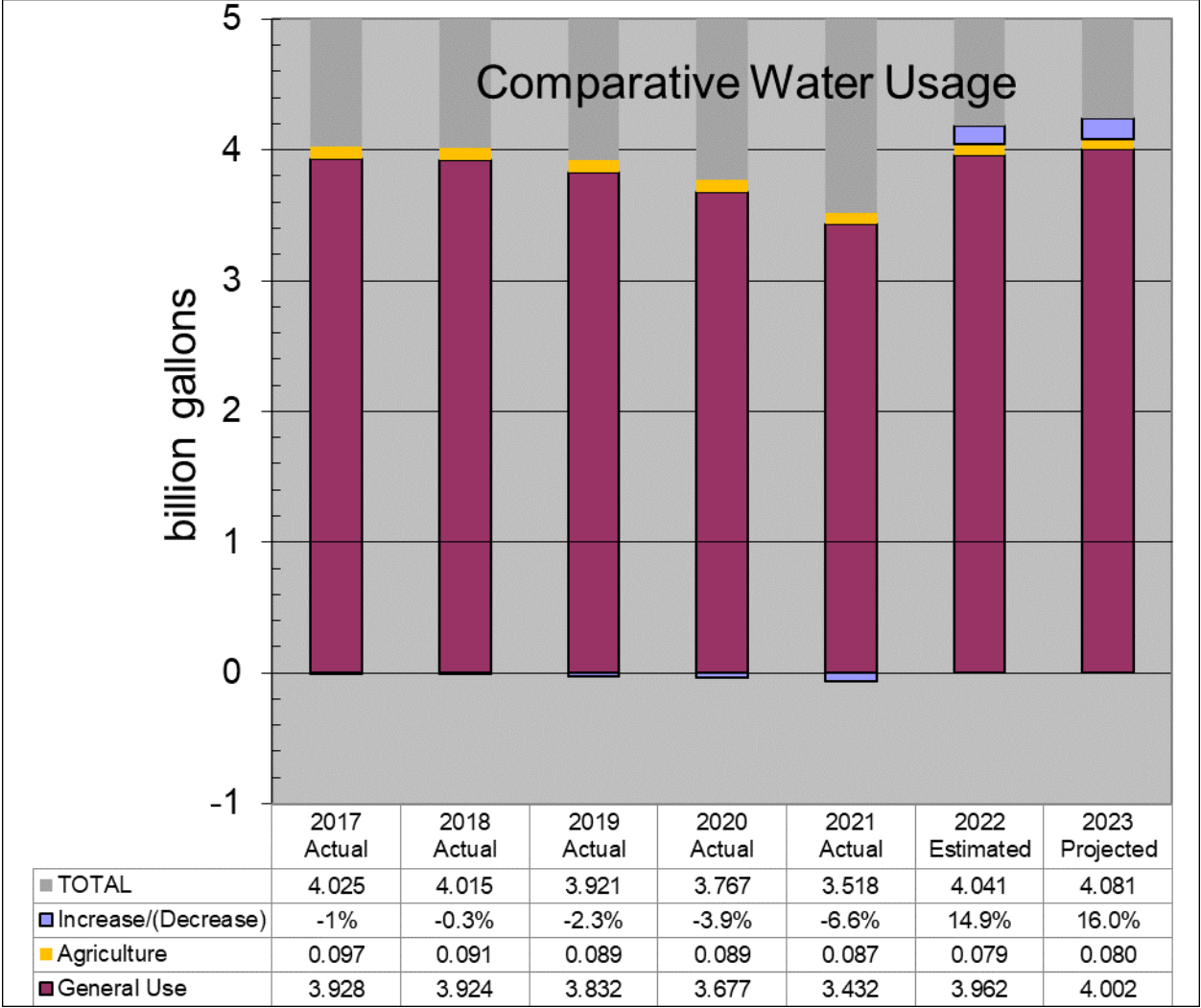
1. The Water Utility Fund (WUF) will be used to fund the operating expenses, service the DOW's debt payments and to fund the purchase and replacement of furniture, fixtures, and equipment. In addition, it will also be used to pay for new capital replacement projects that are in the CIP priority list. These projects are itemized on a separate worksheet.
2. FRC Fund: The Facilities Reserve Charge Fund is a fund used to account for revenues received from new water service applications. These are impact fees collected from new single accounts or developers wishing to connect to the DOW's water infrastructure system. Any fees collected are only used to construct new water facilities and/or pay for water system expansion of the of the DOW.
3. Build America Bond Fund. There is a remaining unspent amount of \$9,574,524 from the original \$60M bond and a list of new capital outlays for CIP were proposed to be funded from this fund.
4. **State Appropriation Act ("Grants") – \$9,850,000.** The DOW received from the State of Hawaii legislative approval of grants totaling \$25,050,000 funding several DOW's capital improvement projects as authorized from ACT 40 of SLH 2019 (\$4.5M), ACT 6 of SLH 2020 (\$9.5M) and ACT 88 of SLH 2021 (9.85M). The \$14M will be encumbered before the end of this fiscal year and the remaining \$9.9M will be used in this next fiscal budget year.
5. SRF Fund – The DOW applied for State Revolving Fund ("SRF") loan and was approved with \$13 million ("M") in SRF loans to fund a waterline project. Of this amount, \$3M will be a loan forgiveness.

C. The Water Utility Fund - Operating Budget:

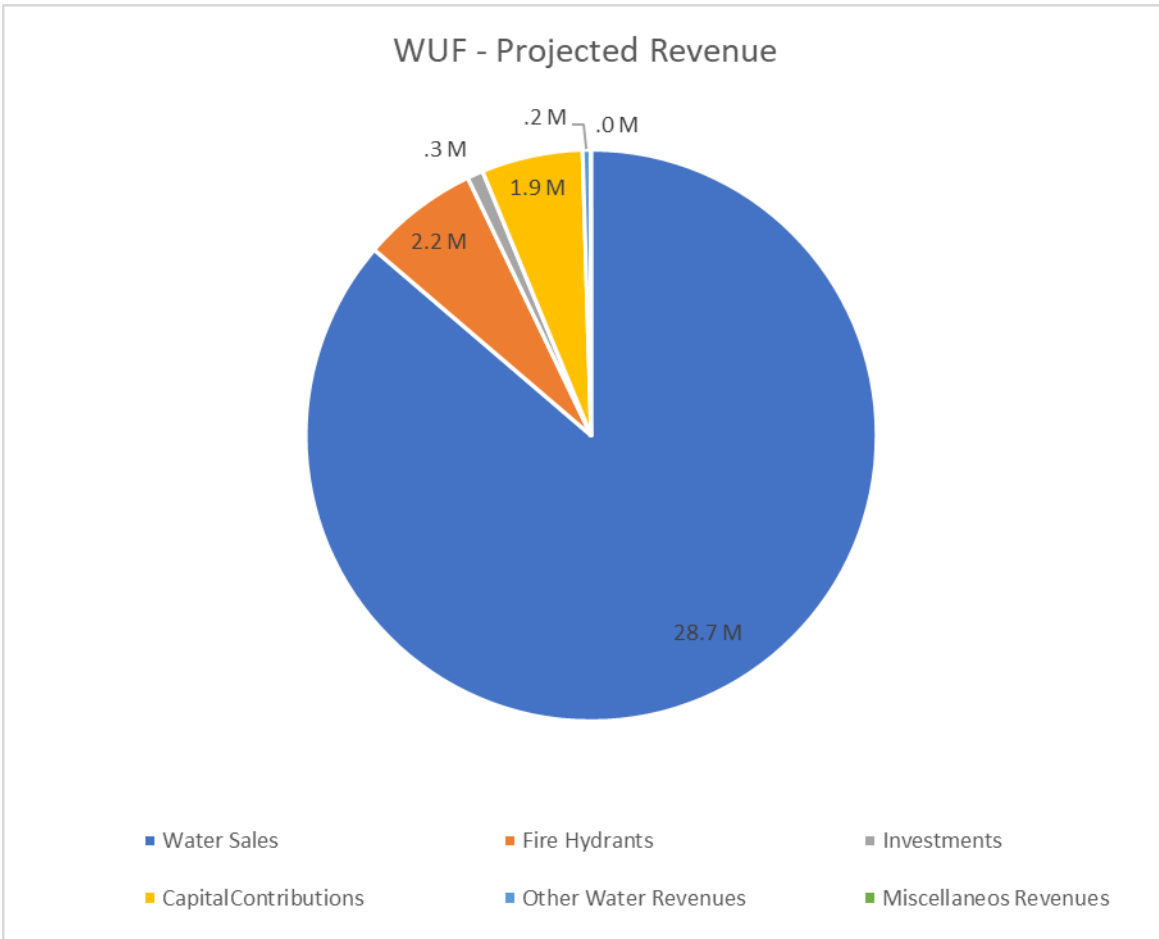
The WUF is the general operating fund of the DOW. This fund is used for the day-to-day operations and various capital outlays including matching funds for grants.

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 22,000 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. Total water consumption through the end of FY 2022 is estimated at 4.0 billion gallons ("BG"), up from 3.5 BG in FY 2021, and 3.8 BG in FY 2020. As illustrated in the chart below, the estimated consumption at the end of this FY 2022 would surpass the FY 2019 water consumption of 3.9 BG, this is the year before the COVID 19 pandemic began. Water sales are projected at 4.1 BG in FY 2023, a one percent (1%) growth factor. DOW's water rate charges continue to be based on the last water rate increase implemented on July 1, 2014. There will be evaluations of water rate and FRC charges as part of the master planning efforts, scheduled for spring 2023.

The chart below is a five-year illustration of the actual water consumption in billion gallons from fiscal years ending 2017 – 2021, actual consumption for nine months and estimated consumption for the remaining three months remaining in FY 2022. FY 2023 consumption was projected with a 1% growth rate.



C. WATER UTILITY FUND – PROJECTED RESOURCES:



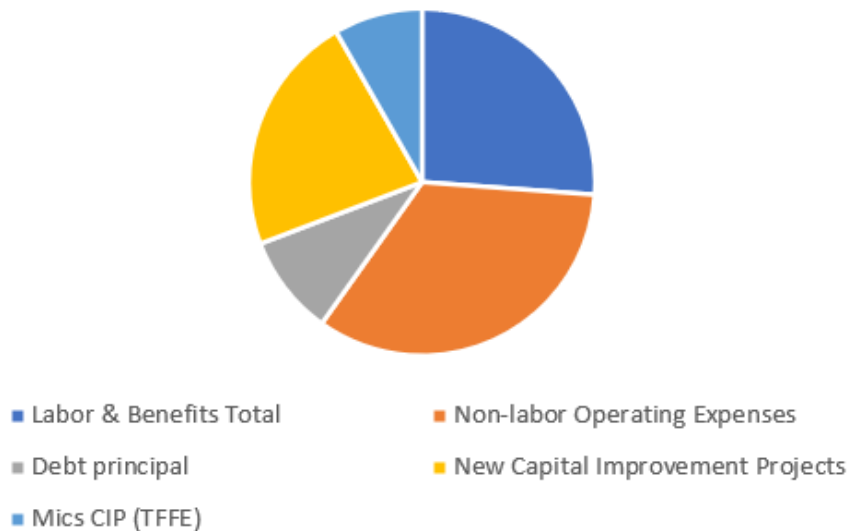
The DOW’s Projected Revenues are comprised of the following:

Water Sales	\$	28,680,466
Fire Hydrants	\$	2,201,634
Investments	\$	300,000
Capital Contributions	\$	1,907,344
Other Water Revenues	\$	150,000
Miscellaneous Revenues	\$	8,500
Totals	\$	33,247,944

1. **Water Sales - \$28,680,466.** The water sales for FY 2023 were projected with a one percent growth forecast. This amount represents 26% of the total projected resources.
2. **Revenue from Public Fire Protection - \$2,201,634.** This revenue is a non-cash resource recorded as revenue generated from the operation and maintenance of 3,017 public fire hydrants and standpipes for the County of Kauai (“County”). A contra expenditure offset is also recorded for the same amount to recognize the value of the staff support and services provided by the County to the DOW.
3. **Investments - \$300,000.** The DOW maintains its investments through the County of Kaua'i’s pooled investment portfolio and the income is projected conservatively to account for fluctuating interest and fair market values of the DOW’s total investments.
4. **Capital Contributions- \$1,907,344.**
 - Contributions from a developer for a joint waterline project - \$1,375,711.
 - BAB Subsidy - \$531,633. The DOW will receive a BAB Subsidy of \$759,476 with seventy percent (“70 %”) allocation to WUF and thirty percent (“30 %”) or \$227,843 allocation to the FRC fund.
5. **Other Water Revenues - \$150,000.** These revenues are generated from water and meter installations and other job services provided by the DOW.
6. **Miscellaneous Revenues - \$8,500.** This is projected for gains or losses from the disposal of capital assets, and other revenues.

D. PROJECTED USES – Water Utility Fund:

WUF-Operating Expenses & Capital Improvement



Projected Uses: WUF

WUF - Operating Expenses & Capital Outlay	FY 2022-2023 Proposed Budget	%
Labor	\$9,172,059	
Benefits	\$4,662,617	
Labor & Benefits Total	\$13,834,676	26%
Services	\$3,753,752	
Supplies	\$2,036,680	
Insurance & Leases	\$122,500	
County Service Charge	\$2,201,634	
Utility Services	\$3,147,500	
Bulk Water Purchase	\$1,918,185	
Repairs and Maintenance - Water System	\$360,000	
Repairs and Maintenance - Other than Water System	\$1,278,989	
Meetings, Training & Development	\$379,380	
Debt - Interest Expense	\$2,619,332	
Non-Personnel Total	\$17,817,951	34%
Operating Expenses - Subtotal	\$31,652,627	
Debt principal - Subtotal	\$4,961,483	9%
Misc. Capital Purchases (TFFE)	\$4,377,500	
New CIP- Design	\$2,100,000	
New CIP- Construction	\$7,300,000	
New CIP- Operations	\$2,499,938	
Capital Outlay - Subtotal	\$16,277,438	31%
TOTALS	\$52,891,548	100%

1. Operating Expenses - \$31,652,627.

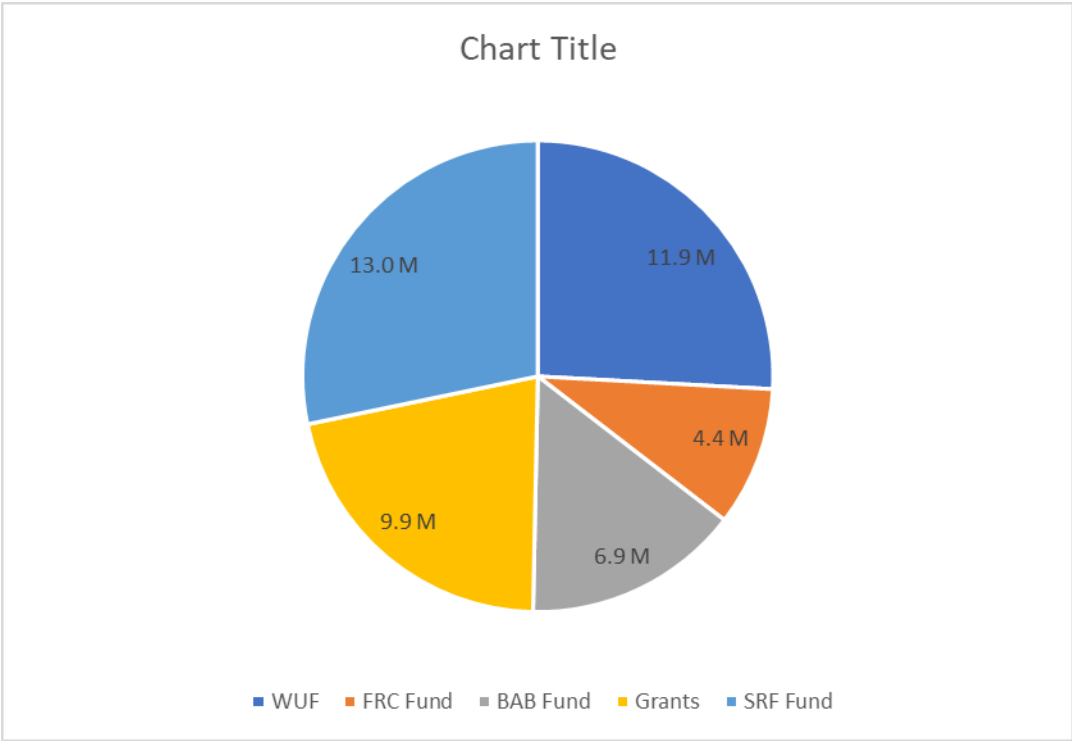
The DOW’s operating expenses were summarized by major expenditure items or similar categories for this report. An Operating Expense Summary and an Operating Expense Detail are attached for your further review, analysis, and discussion thereof.

1. Labor and benefits accounted for 26% of total water utility fund budget while non-personnel expenses accounted for 34%, debt principal for 9% and New Capital Outlay budget represented 31%. Included in the “Salaries & Wages” budget was \$2M in budgeted vacancy positions. There are currently thirty-three (33) vacant positions, each was proposed at 100% funding.
2. Non- Personnel expenses represented 34% of the total WUF budget as follows:
 - a. Services, which include Professional Services, Accounting & Auditing, Other General Services, Public Relations, Communications and Miscellaneous Services. 1.4
 - b. Fuel, Supplies, Insurance & Leases have total budget of \$2.2M

- c. County Service Charge at \$2.2M. This is a non-cash expenditure where revenues from public fire hydrants are billed to the County of Kauai. 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.
 - d. Water Purchases had a total budget of \$1.9 M and was increased by \$98K.
 - e. Utility Services budget at \$3.1M increased slightly by \$283.6 thousand (“K”) as compared to FY 2022 budget to account for rising prices.
 - f. Repairs & Maintenance for both water and non-water systems, were proposed at \$1.6M, an increase of \$350.7K.
 - g. Training and Development, including books, publications & memberships, travel & per diem and meeting expenses for both staff and board members. Total budget was \$379.4K.
 - h. Interest Expense- total annual interest expense for FY 2023 is \$2.6 M which decreased by \$241.5K from \$2.9 M in FY 2022 budget.
2. **Debt Service – Principal - \$4,961,000.**
Annual Debt Service Requirements (DSR) equals \$7.58M; \$5.0M of this amount is payment for debt principal.
 3. **Miscellaneous Capital Purchases – Technology, Furniture, Fixtures & Equipment - \$4,377,500.** This amount represents capital expenditures for both Rehabilitation & Replacement (R&R) and Expansion. Detailed list is provided on a separate budget worksheet.
 4. **New Capital Outlay – CIP \$11,899,938.** This amount represents the proposed CIP for design, construction and replacements managed by Operations. Detailed list is provided on a separate CIP list worksheet.

II. New Capital Outlay – All Funds - \$45,999,938

Address current and future needs. Capital Improvement Projects (CIP) will address both the need to replace and improve current pipelines as well as modifying and expanding sources and storage around the island. In addition to DOW funded Capital Improvement Projects, the Department continues to work with developers on conveyances of water infrastructure in lieu of FRC payments for the expanded services. DOW expects additional private development to continue to expand and are working with these agents to provide feedback on needs, opportunities, and requirements.



New Capital Outlay:		
WUF	\$11,899,938	26%
FRC Fund	\$4,400,000	10%
BAB Fund	\$6,850,000	15%
Grants	\$9,850,000	21%
SRF Fund	\$13,000,000	28%
Capital Outlay - Subtotal	\$45,999,938	100%

III. Rollover of Outstanding Purchase Orders (PO).

Historically, encumbered funds are rolled over as a supplemental budget request; these encumbered funds include outstanding financial commitments for Contracts and Purchase Orders that are expected to be disbursed after the fiscal year ends (presented at the August Board meeting).

IV. Reserved Funds: In addition to the encumbered funds, the Board has a policy of maintaining a reserve fund of 30% of the Previous Year’s Audited Operating Revenue, or \$9,200,000 for FY 23. Reserve and encumbered funds will roll forward into the new FY, not requiring additional funds, but representing a sizable commitment.

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

MY:

Fund Balance Projections

Fund Balance Projections							
	Water Utility General Fund	WURF (30% of Previous Years' Last Audited Operating Revenue)	**Facility Reserve Charge Fund	BAB Fund	WU/ State Grants	SRF Funds	TOTAL
Cash, Cash Equivalents & Investments as of 3/31/2022	\$44,487,539	\$9,300,000	\$2,337,343	\$9,574,524	\$0	\$0	\$65,699,405
Encumbrances - PO & Contracts (-)	\$13,488,261		\$44,666	\$1,436,037	\$2,575,711		\$17,544,675
Contracts in Process	\$3,260,221				\$14,000,000		\$17,260,221
Current Liabilities, excluding Debt (-)	\$3,167,300						\$3,167,300
Estimated Available Resources for Budget Appropriation - 7/1/22	\$24,571,756	\$9,300,000	\$2,292,677	\$8,138,487	-\$16,575,711	\$0	\$27,727,209
Revenues	\$58,297,943		\$1,027,843	\$35,000	\$0	\$13,000,000	\$72,360,786
Transfers In	\$100,000			\$0	\$0		\$100,000
Transfers (Out)	-\$26,425,711	-\$100,000		\$0	\$26,425,711	\$0	-\$100,000
Adjusted Balance	\$56,543,989	\$9,200,000	\$3,320,519	\$8,173,487	\$9,850,000	\$13,000,000	\$100,087,995
Operating Expenses	\$31,652,627		\$0	\$0	\$0		\$31,652,627
Short Term Debt - Principal Repayment	\$4,961,483	\$0	\$0	\$0	\$0		\$4,961,483
Miscellaneous Capital Purchases - TFFE	\$4,377,500						\$4,377,500
New Capital Outlay - CIP	\$11,899,938	\$0	\$4,400,000	\$6,850,000	\$9,850,000	\$13,000,000	\$45,999,938
Projected Balance:	\$3,652,441	\$9,200,000	-\$1,079,481	\$1,323,487	\$0	\$0	\$13,096,447

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 2023
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	25,523,897	7,657,169		\$0
Insurance deductible	1,000,000			
DSR = 50% of annual DSR budget	2,480,742			
ER = 25% of OE, net of non cash expenditures (PY)	5,736,007	9,216,749	9,216,749	\$9,200,000
				\$9,200,000

Revenue Summary

		FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual	FY 2022-2023 Projected Revenues (option 1)
REVENUES						
Water Utility Fund		\$31,891,765	\$29,512,964	\$43,641,788	\$21,461,755	\$58,297,943
10-00-00-400-000	Water Sales	\$26,672,943	\$25,320,900	\$25,022,600	\$19,156,673	\$28,680,466
10-00-00-405-000	Revenue from Public Fire Protection	\$2,174,298	\$2,201,634	\$2,174,298	\$1,467,756	\$2,201,634
10-00-00-410-000	Other Water Revenue	\$140,291	\$163,083	\$300,000	\$69,229	\$150,000
10-00-00-430-000	Federal Grants (FEMA)		\$117,889	\$0	\$0	\$0
10-00-00-432-000	State Grants	\$1,369,959	\$119,595	\$14,000,000	\$332	\$25,050,000
10-00-00-440-000	Capital Contributions - Cash Receipts	\$566,738	\$567,251	\$1,936,390	\$537,316	\$1,907,344
10-00-00-453-000	Net Increase / Decrease in Fair Value of Investments	\$0	\$411,333	\$0	\$0	\$0
10-00-00-461-000	Investment Income	\$941,506	\$571,233	\$200,000	\$196,407	\$300,000
10-00-00-470-000	Gain or Loss on Disposal of Capital Assets		\$0	\$5,000	\$0	\$5,000
10-00-00-480-000	Gain or Loss from the Retirement of Debt		\$0	\$0	\$0	\$0
10-00-00-490-000	Miscellaneous Revenues	\$26,030	\$40,046	\$3,500	\$34,042	\$3,500
Water Utility Fund Bond and Loan Proceeds				\$10,000,000		\$13,000,000
10-00-00-498-300	WU Bond Proceeds		\$0	\$0	\$0	\$0
10-00-00-499-600	WU/ Loan Proceeds - SRF Loan		\$0	\$10,000,000	\$0	\$13,000,000
FRC Fund		\$1,162,333	\$1,533,611	\$1,040,291	\$657,628	\$1,027,843
20-00-00-424-000	Facility Reserve Charge	\$919,445	\$1,288,569	\$800,000	\$516,600	\$800,000
20-00-00-430-000	Federal Grants	\$242,888	\$243,107	\$240,291	\$141,028	\$227,843
20-00-00-453-000	Net Increase / Decrease in Fair Value of Investments		\$0	\$0	\$0	\$0
20-00-00-461-000	Investment Income		\$1,935	\$0	\$0	\$0
Bond Fund		\$329,210	\$12,190	\$35,000	-\$92,972	\$35,000
30-00-00-453-000	Net Increase / Decrease in Fair Value of Investments	\$170,623	-\$149,147	-\$30,000	-\$185,338	-\$30,000
30-00-00-461-000	Investment Income (Net of custodial fees & other investment cost)	\$158,587	\$161,337	\$65,000	\$92,367	\$65,000
SRF Fund						\$0
60-00-00-430-000	SRF - Federal Grants			\$0		\$0
60-00-00-453-000	Net Increase / Decrease in Fair Value of Investments			\$0		\$0

Operating Expense Summary

		FY 2019 - 2020 Actual	FY 2020 - 2021	FY 2021-2022 Budget	FY 2020 - 2021 YTD Actual Exp. As of 2/28/22	FY 2022-2023 Proposed Budget
OPERATING EXPENSES						
Water Utility Fund		\$25,837,995	\$27,280,661	\$29,617,792	\$14,927,613	\$31,652,627
510-010	Salaries & Wages (Regular & Compensated Leave)	\$5,724,655	\$5,041,605	\$7,278,750	\$2,952,094	\$8,403,159
510-020	Temporary Assignment	\$88,898	\$69,364	\$60,500	\$32,552	\$60,500
510-030	Overtime	\$554,465	\$603,710	\$477,000	\$335,804	\$513,400
510-040	Standby Pay	\$206,280	\$205,795	\$195,000	\$125,094	\$195,000
520-040	Vacation & Compensatory Time Pay out	\$32,014	\$0	\$100,000	\$0	\$100,000
530-010	FICA Taxes	\$460,511	\$497,561	\$620,511	\$303,491	\$709,312
530-020	Retirement Contributions	\$4,136,843	\$3,340,960	\$1,935,900	\$901,706	\$2,201,294
530-030	Life and Health Insurance	\$530,772	\$538,967	\$677,955	\$340,552	\$694,011
530-040	Workers Compensation	\$0	\$0	\$0	\$0	\$0
530-050	Unemployment Compensation	\$0	\$0	\$0	\$0	\$0
530-060	Post Employment Benefits (OPEB)	\$1,041,000	\$998,491	\$1,143,000	\$910,637	\$1,058,000
540-010	Professional Services - General	\$2,243,026	\$1,945,728	\$4,087,150	\$827,050	\$3,011,900
540-020	Professional Services - Accounting and Auditing	\$69,900	\$84,500	\$106,800	\$74,100	\$120,000
541-010	Other Services - General	\$40,503	\$46,774	\$51,800	\$35,235	\$56,800
541-020	Other Services - Billing Costs	\$117,017	\$134,244	\$214,556	\$114,154	\$223,790
542-010	Public Relations - General	\$91,950	\$44,688	\$82,900	\$60,297	\$90,950
542-020	Procurement Advertising	\$8,127	\$37,589	\$10,000	\$9,677	\$5,000
543-000	Communication Services	\$117,611	\$124,875	\$138,780	\$74,740	\$145,312
544-000	Freight and Postage Services	\$2,892	\$3,876	\$4,600	\$443	\$9,000
545-000	Rentals and Leases	\$65,845	\$73,601	\$134,100	\$57,640	\$117,500
546-000	Insurance	\$99,701	\$96,703	\$5,000	\$2,080	\$5,000
547-000	County Service Charge	\$2,174,298	\$2,201,634	\$2,174,298	\$1,467,756	\$2,201,634
551-000	Utility Services	\$2,425,709	\$2,502,528	\$2,863,878	\$2,084,528	\$3,147,500
560-000	Repairs and Maintenance - Water System	\$308,397	\$45,935	\$211,000	\$95,750	\$360,000
561-000	Repairs and Maintenance - Other than Water System	\$500,203	\$461,944	\$1,077,300	\$278,742	\$1,278,989
562-000	Office Supplies	\$11,901	\$17,869	\$22,000	\$10,241	\$24,800
563-000	Operating Supplies	\$884,929	\$979,530	\$936,220	\$648,395	\$1,827,880
564-000	Fuel	\$105,941	\$101,759	\$122,500	\$96,918	\$175,000
565-000	Bulk Water Purchase	\$1,546,547	\$4,054,076	\$1,820,176	\$1,198,279	\$1,918,185
570-010	Books, Publications, Subscriptions, and Memberships	\$21,328	\$33,689	\$27,630	\$6,825	\$29,785
570-020	Books, Publications, Subscriptions, and Memberships - Board	\$300	\$75	\$595	\$150	\$600
571-010	Training and Development	\$38,964	\$41,147	\$85,650	\$44,503	\$90,600
572-010	Travel and Per Diem	\$47,076	\$0	\$59,900	\$5,375	\$190,960
572-020	Travel and Per Diem - Board	\$0	\$0	\$7,280	\$0	\$15,190
573-010	Meeting Expense	\$13,067	\$1,625	\$22,200	\$549	\$46,070
573-020	Meeting Expense - Board	\$1,037	\$301	\$2,000	\$559	\$6,175
582-000	Interest Expense	\$2,126,288	\$2,949,517	\$2,860,863	\$1,831,697	\$2,619,332

Operating Expense Summary

		FY 2019 - 2020 Actual	FY 2020 - 2021	FY 2021-2022 Budget	FY 2020 - 2021 YTD Actual Exp. As of 2/28/22	FY 2022-2023 Proposed Budget
OPERATING EXPENSES						
Water Utility Fund - Bond and Loan Proceeds and Repayment		\$5,031,869	\$5,160,541	\$5,170,095	\$4,998,368	\$4,961,483
682-000	Debt Principal Repayment	\$5,031,869	\$5,160,541	\$5,170,095	\$4,998,368	\$4,961,483
Water Utility Fund - Non Budgetary Operating Expenses		\$7,232,012	\$7,142,016	\$7,942,735	\$4,714,795	\$7,425,941
580-000	Depreciation	\$7,000,563	\$6,906,157	\$7,190,082	\$4,597,522	\$7,190,082
581-000	Amortization	\$231,449	\$235,859	\$752,653	\$117,273	\$235,859
580-000	Inflows/Outflows	-\$41,932	-\$32,274	-\$41,932	-\$37,438	-\$64,179

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 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021-2022 Budget	FY 2021 - 2022 YTD Actual as of 2/28/22	FY 2022-2023 Proposed Budget
OPERATING EXPENSES (Detail)						
Water Utility Fund Operating Expenses		\$25,837,995	\$27,280,661	\$29,617,792	\$14,927,613	\$31,652,627
510-010	Salaries and Wages (includes compensated annual leaves and comp time.)	\$5,724,655	\$5,041,605	\$7,278,750	\$2,952,094	\$8,403,159
10-01-10-510-010	WU - Admin - Admin - Salaries and Wages	\$670,639	\$610,292	\$844,504	\$427,042	\$1,189,778
10-02-10-510-010	WU - IT - Admin - Salaries and Wages	\$106,481	\$62,643	\$237,312	\$78,901	\$300,680
10-10-40-510-010	WU - Qual - Purification - Salaries and Wages	\$247,436	\$232,607	\$250,080	\$122,589	\$248,114
10-20-10-510-010	WU - Eng - Admin - Salaries and Wages	\$244,196	\$195,541	\$316,296	\$55,348	\$517,034
10-21-10-510-010	WU - Const - Admin - Salaries and Wages	\$466,552	\$345,381	\$571,188	\$95,262	\$632,559
10-22-10-510-010	WU - Plan - Admin - Salaries and Wages	\$475,072	\$279,905	\$536,952	\$253,523	\$530,736
10-30-20-510-010	WU - Bill - Collection - Salaries and Wages	\$430,675	\$443,803	\$532,668	\$240,624	\$629,345
10-31-10-510-010	WU - Acctg - Admin - Salaries and Wages	\$486,956	\$428,675	\$607,512	\$248,202	\$749,599
10-40-30-510-010	WU - Ops - Source - Salaries and Wages	\$396,387	\$414,549	\$534,696	\$250,106	\$561,431
10-40-40-510-010	WU - Ops - Purification - Salaries and Wages	\$172,497	\$162,836	\$284,034	\$80,303	\$138,235
10-40-50-510-010	WU - Ops - PowerAndPump - Salaries and Wages	\$195,718	\$164,710	\$201,793	\$95,828	\$211,882
10-40-60-510-010	WU - Ops - TandD - Salaries and Wages	\$1,832,047	\$1,700,663	\$2,361,715	\$1,004,366	\$2,693,767
510-020	Temporary Assignment	\$88,898	\$69,364	\$60,500	\$32,552	\$60,500
10-01-10-510-020	WU - Admin - Admin - Temporary Assignment	\$4,882	\$3,605	\$2,000	\$0	\$2,000
10-02-10-510-020	WU - IT - Admin - Temporary Assignment	\$19,423	\$2,257	\$500	\$1,236	\$500
10-10-40-510-020	WU - Qual - Purification - Temporary Assignment	\$1,058	\$19	\$1,500	\$873	\$1,500
10-20-10-510-020	WU - Eng - Admin - Temporary Assignment	\$1,106	\$791	\$1,000	\$0	\$1,000
10-21-10-510-020	WU - Const - Admin - Temporary Assignment	\$0	\$1,177	\$2,000	\$0	\$2,000
10-22-10-510-020	WU - Plan - Admin - Temporary Assignment	\$4,491	\$9,665	\$5,000	\$5,183	\$5,000
10-30-20-510-020	WU - Bill - Collection - Temporary Assignment	\$10,871	\$3,733	\$5,000	\$577	\$5,000
10-31-10-510-020	WU - Acctg - Admin - temporary Assignment	\$7,317	\$9,746	\$10,000	\$4,520	\$10,000
10-40-30-510-020	WU - Ops - Source - Temporary Assignment	\$2,899	\$2,165	\$3,000	\$1,356	\$3,000
10-40-40-510-020	WU - Ops - Purification - Temporary Assignment	\$4,914	\$291	\$1,500	\$562	\$1,500
10-40-50-510-020	WU - Ops - PowerAndPump - Temporary Assignment	\$4,235	\$5,783	\$4,000	\$442	\$4,000
10-40-60-510-020	WU - Ops - TandD -Temporary Assignment	\$27,703	\$30,132	\$25,000	\$17,803	\$25,000
510-030	Overtime	\$554,465	\$603,710	\$477,000	\$335,804	\$513,400
10-01-10-510-030	WU - Admin - Admin - Overtime	\$29,160	\$17,863	\$30,000	\$8,497	\$20,000
10-02-10-510-030	WU - IT - Admin - Overtime	\$25,170	\$523	\$30,000	\$12,052	\$30,000
10-10-40-510-030	WU - Qual - Purification - Overtime	\$3,759	\$10,238	\$3,000	\$3,568	\$3,500
10-20-10-510-030	WU - Eng - Admin - Overtime	\$4,675	\$13,721	\$10,000	\$8,458	\$10,500
10-21-10-510-030	WU - Const - Admin - Overtime	\$4,274	\$1,159	\$15,000	\$430	\$15,000
10-22-10-510-030	WU - Plan - Admin - Overtime	\$71,189	\$107,807	\$15,000	\$44,084	\$30,000
10-30-20-510-030	WU - Bill - Collection - Overtime	\$44,120	\$8,805	\$60,000	\$2,158	\$60,000
10-31-10-510-030	WU - Acctg - Admin - Overtime	\$62,251	\$68,446	\$60,000	\$49,329	\$65,000
10-40-30-510-030	WU - Ops - Source - Overtime	\$4,834	\$17,401	\$6,000	\$10,295	\$6,600
10-40-40-510-030	WU - Ops - Purification - Overtime	\$36,978	\$26,684	\$30,000	\$24,572	\$33,000
10-40-50-510-030	WU - Ops - PowerAndPump - Overtime	\$18,525	\$16,520	\$8,000	\$8,383	\$8,800
10-40-60-510-030	WU - Ops - TandD - Overtime	\$249,530	\$314,542	\$210,000	\$163,978	\$231,000
510-040	Standby Pay	\$206,280	\$205,795	\$195,000	\$125,094	\$195,000
10-01-10-510-040	WU - Admin - Admin - Standby Pay	\$0	\$0	\$0	\$0	\$0
10-40-40-510-040	WU - Ops - Purification - Standby Pay	\$8,731	\$10,375	\$10,000	\$4,774	\$10,000

Operating Expense Detail

		FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021-2022 Budget	FY 2021 - 2022 YTD Actual as of 2/28/22	FY 2022-2023 Proposed Budget
OPERATING EXPENSES (Detail)						
10-40-50-510-040	WU - Ops - PowerAndPump - Standby Pay	\$0	\$0	\$0	\$0	\$0
10-40-60-510-040	WU - Ops - TandD - Standby Pay	\$197,549	\$195,420	\$185,000	\$120,320	\$185,000
520-040	Vacation & Compensatory Time Payout	\$32,014	\$0	\$100,000	\$0	\$100,000
10-01-10-520-040	WU - Admin - Admin - Vacation Payout	\$32,014	\$0	\$90,000	\$0	\$90,000
10-01-10-520-040	WU - Admin - Admin - Compensatory Time Payout	\$0	\$0	\$10,000	\$0	\$10,000
530-010	FICA Taxes	\$460,511	\$497,561	\$620,511	\$303,491	\$709,312
10-01-10-530-010	WU - Admin - Admin - FICA	\$45,581	\$47,677	\$74,703	\$35,320	\$100,351
10-02-10-530-010	WU - IT - Admin - FICA	\$11,791	\$6,228	\$20,488	\$8,027	\$25,335
10-10-40-530-010	WU - Qual - Purification - FICA	\$17,925	\$20,324	\$19,475	\$11,858	\$19,363
10-20-10-530-010	WU - Eng - Admin - FICA	\$18,030	\$18,812	\$25,038	\$9,012	\$40,433
10-21-10-530-010	WU - Const - Admin - FICA	\$32,605	\$31,394	\$44,996	\$8,911	\$49,691
10-22-10-530-010	WU - Plan - Admin - FICA	\$39,807	\$33,211	\$42,607	\$21,533	\$43,279
10-30-20-530-010	WU - Bill - Collection - FICA	\$31,979	\$40,507	\$45,722	\$21,146	\$53,117
10-31-10-530-010	WU - Acctg - Admin - FICA	\$39,100	\$41,208	\$51,830	\$24,676	\$63,082
10-40-30-530-010	WU - Ops - Source - FICA	\$28,196	\$35,983	\$41,593	\$24,413	\$43,684
10-40-40-530-010	WU - Ops - Purification - FICA	\$16,711	\$17,284	\$24,903	\$14,329	\$13,979
10-40-50-530-010	WU - Ops - PowerAndPump - FICA	\$15,718	\$16,106	\$16,355	\$9,193	\$17,188
10-40-60-530-010	WU - Ops - TandD - FICA	\$163,067	\$188,828	\$212,801	\$115,073	\$239,810
530-020	Retirement Contributions	\$4,136,843	\$3,340,960	\$1,935,900	\$901,706	\$2,201,294
10-01-10-530-020	WU - Admin - Admin - Retirement Contributions	\$414,583	\$319,688	\$223,561	\$95,106	\$290,827
10-02-10-530-020	WU - IT - Admin - Retirement Contributions	\$90,215	\$41,353	\$64,275	\$21,873	\$79,483
10-10-40-530-020	WU - Qual - Purification - Retirement Contributions	\$165,329	\$141,284	\$61,099	\$36,221	\$60,747
10-20-10-530-020	WU - Eng - Admin - Retirement Contributions	\$161,832	\$131,513	\$78,551	\$25,049	\$126,848
10-21-10-530-020	WU - Const - Admin - Retirement Contributions	\$304,848	\$221,299	\$141,165	\$28,476	\$155,894
10-22-10-530-020	WU - Plan - Admin - Retirement Contributions	\$366,997	\$241,878	\$133,668	\$82,286	\$135,777
10-30-20-530-020	WU - Bill - Collection - Retirement Contributions	\$307,558	\$288,216	\$143,440	\$71,196	\$166,643
10-31-10-530-020	WU - Acctg - Admin - Retirement Contributions	\$357,868	\$285,216	\$162,603	\$77,255	\$197,904
10-40-30-530-020	WU - Ops - Source - Retirement Contributions	\$270,995	\$259,305	\$130,487	\$77,274	\$137,047
10-40-40-530-020	WU - Ops - Purification - Retirement Contributions	\$153,525	\$112,083	\$78,128	\$28,009	\$43,856
10-40-50-530-020	WU - Ops - PowerAndPump - Retirement Contributions	\$149,447	\$115,572	\$51,310	\$30,333	\$53,924
10-40-60-530-020	WU - Ops - TandD - Retirement Contributions	\$1,393,647	\$1,183,552	\$667,611	\$328,627	\$752,344
530-030	Life and Health Insurance	\$530,772	\$538,967	\$677,955	\$340,552	\$694,011
10-01-10-530-030	WU - Admin - Admin - Life and Health Insurance	\$50,091	\$43,085	\$55,742	\$31,706	\$77,978
10-02-10-530-030	WU - IT - Admin - Life and Health Insurance	\$14,452	\$6,802	\$16,052	\$7,037	\$20,165
10-10-40-530-030	WU - Qual - Purification - Life and Health Insurance	\$11,099	\$11,377	\$11,232	\$5,991	\$1,227
10-20-10-530-030	WU - Eng - Admin - Life and Health Insurance	\$19,423	\$18,699	\$28,477	\$10,626	\$37,944
10-21-10-530-030	WU - Const - Admin - Life and Health Insurance	\$43,482	\$12,499	\$43,262	\$11,083	\$56,263
10-22-10-530-030	WU - Plan - Admin - Life and Health Insurance	\$53,012	\$44,213	\$64,083	\$32,654	\$35,733
10-30-20-530-030	WU - Bill - Collection - Life and Health Insurance	\$41,308	\$46,380	\$50,161	\$21,791	\$46,170
10-31-10-530-030	WU - Acctg - Admin - Life and Health Insurance	\$42,397	\$49,762	\$61,451	\$35,404	\$76,641
10-40-30-530-030	WU - Ops - Source - Life and Health Insurance	\$31,001	\$45,811	\$48,463	\$33,943	\$58,530
10-40-40-530-030	WU - Ops - Purification - Life and Health Insurance	\$9,346	\$7,805	\$13,890	\$2,756	\$4,627
10-40-50-530-030	WU - Ops - PowerAndPump - Life and Health Insurance	\$19,354	\$19,877	\$19,694	\$12,052	\$12,323
10-40-60-530-030	WU - Ops - TandD - Life and Health Insurance	\$195,808	\$232,657	\$265,448	\$135,508	\$266,410

Operating Expense Detail

		FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021-2022 Budget	FY 2021 - 2022 YTD Actual as of 2/28/22	FY 2022-2023 Proposed Budget
OPERATING EXPENSES (Detail)						
530-060	Post-Employment Benefits (OPEB)	\$1,041,000	\$998,491	\$1,143,000	\$910,637	\$1,058,000
10-01-10-530-060	WU - Admin - Admin - OPEB	\$121,952	\$89,076	\$132,615	\$80,522	\$149,799
10-02-10-530-060	WU - IT - Admin - OPEB	\$19,363	\$9,652	\$37,266	\$20,274	\$37,857
10-10-40-530-060	WU - Qual - Purification - OPEB	\$44,995	\$39,125	\$39,271	\$30,637	\$31,239
10-20-10-530-060	WU - Eng - Admin - OPEB	\$44,406	\$36,740	\$49,669	\$21,223	\$65,097
10-21-10-530-060	WU - Const - Admin - OPEB	\$84,840	\$92,625	\$89,695	\$24,206	\$79,642
10-22-10-530-060	WU - Plan - Admin - OPEB	\$86,389	\$66,118	\$84,319	\$69,642	\$66,822
10-30-20-530-060	WU - Bill - Collection - OPEB	\$78,316	\$81,167	\$83,646	\$60,233	\$79,238
10-31-10-530-060	WU - Acctg - Admin - OPEB	\$88,551	\$81,796	\$95,399	\$68,160	\$94,378
10-40-30-530-060	WU - Ops - Source - OPEB	\$72,081	\$72,037	\$83,965	\$65,734	\$70,687
10-40-40-530-060	WU - Ops - Purification - OPEB	\$31,368	\$33,502	\$44,603	\$26,360	\$17,404
10-40-50-530-060	WU - Ops - PowerAndPump - OPEB	\$35,590	\$32,247	\$31,688	\$25,657	\$26,677
10-40-60-530-060	WU - Ops - TandD - OPEB	\$333,149	\$364,407	\$370,866	\$310,046	\$339,159
540-010	Professional Services - General	\$2,243,026	\$1,945,728	\$4,087,150	\$827,050	\$3,011,900
10-01-10-540-010	WU - Admin - Admin - Professional Services - General	\$199,852	\$87,917	\$305,300	\$32,394	\$190,300
10-02-10-540-010	WU - IT - Admin - Professional Services - General	\$526,502	\$729,917	\$65,000	\$29,114	\$565,000
10-10-40-540-010	WU - Qual - Purification - Professional Services - General	\$103,957	\$27,736	\$45,250	\$16,816	\$0
10-20-10-540-010	WU - Eng - Admin - Professional Services - General	\$445,056	\$342,032	\$245,000	\$296,526	\$1,895,000
10-21-10-540-010	WU - Const - Admin - Professional Services - General	\$530,630	\$412,726	\$1,000,000	\$256,658	\$0
10-22-10-540-010	WU - Plan - Admin - Professional Services - General	\$430,041	\$137,480	\$1,635,000	\$150,800	\$0
10-30-20-540-010	WU - Bill - Collection - Professional Services - General	\$0	\$109,200	\$0	\$0	\$0
10-31-10-540-010	WU - Acctg - Admin - Professional Services - General	\$6,988	\$98,720	\$241,600	\$44,742	\$161,600
10-40-60-540-010	WU - Ops - TandD - Professional Services - General	\$0	\$0	\$550,000	\$0	\$200,000
540-020	Professional Services - Accounting and Auditing	\$69,900	\$84,500	\$106,800	\$74,100	\$120,000
10-31-10-540-020	WU - Acctg - Admin - Professional Services - Accounting and Auditing	\$69,900	\$84,500	\$106,800	\$74,100	\$120,000
541-010	Other Services	\$40,503	\$46,774	\$51,800	\$35,235	\$56,800
10-01-10-541-010	WU - Admin - Admin - Other Services	\$10,834	\$3,371	\$1,500	\$0	\$0
10-30-20-541-010	WU - Bill - Collection - Other Services	\$15,083	\$21,280	\$26,700	\$17,709	\$33,200
10-31-10-541-010	WU - Acctg - Admin - Other Services	\$13,924	\$21,806	\$21,600	\$17,018	\$21,600
10-40-60-541-010	WU - Ops - TandD - Other Services	\$662	\$317	\$2,000	\$508	\$2,000
541-020	Billing Costs	\$117,017	\$134,244	\$214,556	\$114,154	\$223,790
10-30-20-541-020	WU - Bill - Collection - Billing Costs	\$117,017	\$134,244	\$214,556	\$114,154	\$223,790
542-010	Public Relations - General	\$91,950	\$44,688	\$82,900	\$60,297	\$90,950
10-01-10-542-010	WU - Admin - Admin - Public Relations - General	\$91,950	\$44,688	\$82,900	\$60,297	\$90,950
542-020	Procurement Advertising	\$8,127	\$37,589	\$10,000	\$9,677	\$5,000
10-01-10-542-020	WU - Admin - Admin - Procurement Advertising	\$8,127	\$37,589	\$10,000	\$9,677	\$5,000
543-000	Communication Services	\$117,611	\$124,875	\$138,780	\$74,740	\$145,312
10-02-10-543-000	WU - IT - Admin - Communication Services	\$74,341	\$108,046	\$91,696	\$62,285	\$87,828
10-02-50-543-000	WU - IT - PowerAndPump - Communication Services	\$43,270	\$16,778	\$47,084	\$12,455	\$57,484
10-40-50-543-000	WU - Ops - PowerAndPump - Communication Services	\$0	\$51	\$0	\$0	\$0
544-000	Freight and Postage	\$2,892	\$3,876	\$4,600	\$443	\$9,000
10-01-10-544-000	WU - Admin - Admin - Freight and Postage	\$1,412	\$2,070	\$3,100	\$0	\$3,000
10-02-10-544-000	WU - IT - Admin - Freight and Postage	\$0	\$1,000	\$0	\$248	\$0
10-20-10-544-000	WU - Qual - Purification - Freight and Postage	\$740	\$806	\$1,500	\$195	\$3,000

Operating Expense Detail

		FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021-2022 Budget	FY 2021 - 2022 YTD Actual as of 2/28/22	FY 2022-2023 Proposed Budget
OPERATING EXPENSES (Detail)						
10-20-10-544-000	WU - Qual - Purification - Freight and Postage	\$740	\$0	\$0	\$0	\$3,000
545-000	Rentals and Leases	\$65,845	\$73,601	\$134,100	\$57,640	\$117,500
10-01-10-545-000	WU - Admin - Admin - Rentals and Leases	\$21,171	\$22,230	\$50,900	\$22,294	\$31,000
10-02-10-545-000	WU - IT - Admin - Rentals and Leases	\$22,380	\$18,376	\$33,200	\$30,875	\$36,500
10-40-60-545-000	WU - Ops - TandD - Rentals and Leases	\$22,294	\$32,995	\$50,000	\$4,471	\$50,000
546-000	Insurance	\$99,701	\$96,703	\$5,000	\$2,080	\$5,000
10-01-10-546-000	WU - Admin - Admin - Insurance	\$99,701	\$96,703	\$5,000	\$2,080	\$5,000
547-000	County Service Charge	\$2,174,298	\$2,201,634	\$2,174,298	\$1,467,756	\$2,201,634
10-00-10-547-000	WU - County Service Charge	\$2,174,298	\$2,201,634	\$2,174,298	\$1,467,756	\$2,201,634
551-000	Utility Services	\$2,425,709	\$2,502,528	\$2,863,878	\$2,084,528	\$3,147,500
10-01-10-551-000	WU - Admin - Admin - Utility Services	\$114,165	\$141,797	\$171,500	\$105,195	\$179,800
10-40-50-551-000	WU - Ops - PowerAndPump - Utility Services	\$2,311,544	\$2,360,731	\$2,700,000	\$1,979,333	\$2,967,700
560-000	Repairs and Maintenance - Water System	\$308,397	\$45,935	\$211,000	\$95,750	\$360,000
10-40-50-501-000	WU - Ops - Powerand Pump - Emergency Repairs	\$1,641	\$0	\$0	\$0	\$0
10-40-50-560-000	WU - Ops - Source - Repairs and Maintenance - Water System	\$57,480	\$17,678	\$40,000	\$16,131	\$40,000
10-40-60-560-000	WU - Ops - TandD - Repairs and Maintenance - Water System	\$249,276	\$28,257	\$171,000	\$79,619	\$320,000
561-000	Repairs and Maintenance - Other than Water System	\$500,203	\$461,944	\$1,077,300	\$278,742	\$1,278,989
10-01-10-561-000	WU - Admin - Admin - Repairs and Maintenance - Other than Water System	\$1,641	\$10,550	\$0	\$0	\$0
10-02-10-561-000	WU - IT - Admin - Repairs and Maintenance - Other than Water System	\$386,466	\$233,733	\$547,100	\$133,337	\$778,989
10-10-40-561-000	WU - Qual - Purification - Repairs and Maintenance - Other than Water System	\$3,624	\$9,144	\$4,000	\$4,476	\$0
10-20-10-561-000	WU - Eng - Admin - Repairs and Maintenance - Other than Water System	\$0	\$0	\$0	\$0	\$5,000
10-21-40-561-000	WU - Const - Admin - Repairs and Maintenance - Other than Water System	\$0	\$0	\$0	\$0	\$0
10-22-10-561-000	WU - Plan - Admin - Repairs and Maintenance - Other than Water System	\$0	\$0	\$0	\$0	\$0
10-30-20-561-000	WU - Bill-Collection - Repairs and Maintenance - Other than Water System	\$0	\$0	\$0	\$0	\$0
10-31-10-561-000	WU - Acctg - Admin - Repairs and Maintenance - Other than Water System	\$0	\$0	\$0	\$0	\$0
10-40-60-561-000	WU - Ops - TandD - Repairs and Maintenance - Other than Water System	\$108,472	\$208,517	\$526,200	\$140,929	\$495,000
562-000	Office Supplies	\$11,901	\$17,869	\$22,000	\$10,241	\$24,800
10-31-10-562-000	WU - Accounting - Admin - Office Supplies	\$11,901	\$17,869	\$22,000	\$10,241	\$24,800
563-000	Operating Supplies	\$884,929	\$979,530	\$936,220	\$648,395	\$1,827,880
10-01-10-563-000	WU - Admin - Admin - Operating Supplies	\$5,905	\$4,493	\$5,000	\$6,707	\$10,000
10-02-10-563-000	WU - IT - Admin - Operating Supplies	\$32,279	\$78,158	\$58,000	\$29,920	\$53,000
10-10-40-563-000	WU - Qual - Purification - Operating Supplies	\$13,225	\$13,553	\$15,000	\$6,598	\$0
10-20-10-563-000	WU - Eng - Admin - Operating Supplies	\$0	\$0	\$300	\$169	\$26,000
10-21-10-563-000	WU - Const - Admin - Operating Supplies	\$1,637	\$31,099	\$4,500	\$2,028	\$0
10-22-10-563-000	WU - Plan - Admin - Operating Supplies	\$162	\$2,453	\$1,000	\$0	\$0
10-30-20-563-000	WU - Bill - Collection - Operating Supplies	\$4,323	\$6,212	\$4,500	\$6,226	\$6,500
10-31-10-563-000	WU - Acctg - Admin - Operating Supplies	\$992	\$1,432	\$3,000	\$3,084	\$3,500
10-40-30-563-000	WU - Ops - Source - Operating Supplies	\$86,811	\$63,026	\$60,000	\$45,280	\$60,000
10-40-40-563-000	WU - Ops - Purification - Operating Supplies	\$98,154	\$125,011	\$101,920	\$61,457	\$152,880
10-40-50-563-000	WU - Ops - PowerAndPump - Operating Supplies	\$69,278	\$90,508	\$35,000	\$23,864	\$35,000
10-40-60-563-000	WU - Ops - TandD - Operating Supplies	\$560,290	\$563,586	\$255,000	\$175,576	\$275,000
10-40-50-563-010	WU - Ops - PowerAndPump - Operating Supplies - Invty. Stock	\$11,873	\$0	\$15,000	\$74,116	\$20,000
10-40-60-563-010	WU - Ops - TandD - Operating Supplie - Invty. Stock	\$0	\$0	\$378,000	\$213,370	\$1,186,000
564-000	Fuel	\$105,941	\$101,759	\$122,500	\$96,918	\$175,000

Operating Expense Detail

		FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021-2022 Budget	FY 2021 - 2022 YTD Actual as of 2/28/22	FY 2022-2023 Proposed Budget
OPERATING EXPENSES (Detail)						
10-40-60-564-000	WU - Ops - TandD - Fuel	\$105,941	\$101,759	\$122,500	\$96,918	\$175,000
565-000	Bulk Water Purchase	\$1,546,547	\$4,054,076	\$1,820,176	\$1,198,279	\$1,918,185
10-40-30-565-000	WU - Ops - Source - Bulk Water Purchase (Reclass)	\$1,546,547	\$4,054,076	\$1,820,176	\$1,198,279	\$1,918,185
570-010	Books, Publications, Subscriptions, and Memberships	\$21,328	\$33,689	\$27,630	\$6,825	\$29,785
10-01-10-570-010	WU - Admin - Admin - Books, Publications, Subscriptions, and Memberships	\$19,441	\$20,676	\$21,270	\$5,372	\$23,175
10-02-10-570-010	WU - IT - Admin - Books, Publications, Subscriptions, and Memberships	\$962	\$12,178	\$500	\$0	\$500
10-10-40-570-010	WU - Qual - Purification - Books, Publications, Subscriptions, and Memberships	\$0	\$0	\$0	\$0	\$0
10-20-10-570-010	WU - Eng - Admin - Books, Publications, Subscriptions, and Memberships	\$0	\$0	\$0	\$0	\$5,000
10-21-10-570-010	WU - Const - Admin - Books, Publications, Subscriptions, and Memberships	\$775	\$685	\$850	\$12	\$0
10-22-10-570-010	WU - WRP - Admin - Books, Publications, Subscriptions, and Memberships	\$0	\$0	\$3,900	\$1,291	\$0
10-30-20-570-010	WU - Bill - Collection - Books, Publications, Subscriptions, and Memberships	\$0	\$0	\$350	\$0	\$300
10-31-10-570-010	WU - Acctg - Admin - Books, Publications, Subscriptions, and Memberships	\$150	\$150	\$760	\$150	\$810
570-020	Books, Publications, Subscriptions, and Memberships - Board	\$300	\$75	\$595	\$150	\$600
10-01-10-570-020	WU - Admin - Admin - Books, Publications, Subscriptions, and Memberships - Board	\$300	\$75	\$595	\$150	\$600
571-010	Training and Development	\$38,964	\$41,147	\$85,650	\$44,503	\$90,600
10-01-10-571-010	WU - Admin - Admin - Training and Development	\$11,933	\$1,678	\$26,500	\$1,390	\$12,000
10-02-10-571-010	WU - IT - Admin - Training and Development	\$1,806	\$39	\$2,000	\$626	\$6,600
10-10-40-571-010	WU - Qual - Purification - Training and Development	\$60	\$0	\$1,600	\$0	\$0
10-20-10-571-010	WU - Eng - Admin - Training and Development	\$375	\$0	\$500	\$0	\$26,000
10-21-10-571-010	WU - Const - Admin - Training and Development	\$1,639	\$0	\$3,300	\$0	\$0
10-22-10-571-010	WU - Plan - Admin - Training and Development	\$1,100	\$18,653	\$18,000	\$1,824	\$0
10-30-20-571-010	WU - Bill - Collection - Training and Development	\$0	\$0	\$3,000	\$0	\$3,000
10-31-10-571-010	WU - Acctg - Admin - Training and Development	\$187	\$3,388	\$5,750	\$620	\$3,000
10-40-60-571-010	WU - Ops - TandD - Training and Development	\$21,864	\$17,389	\$25,000	\$40,044	\$40,000
572-010	Travel and Per Diem	\$47,076	\$0	\$59,900	\$5,375	\$190,960
10-01-10-572-010	WU - Admin - Admin - Travel and Per Diem	\$31,341	\$0	\$59,900	\$4,186	\$69,260
10-02-10-572-010	WU - IT - Admin - Travel and Per Diem	\$0	\$0	\$0	\$0	\$29,100
10-20-10-572-010	WU - Eng - Admin - Travel and Per Diem	\$225	\$0	\$0	\$0	\$65,250
10-21-10-572-010	WU - Const - Admin - Travel and Per Diem	\$2,195	\$0	\$0	\$0	\$0
10-22-10-572-010	WU - Plan - Admin - Travel and Per Diem	\$5,888	\$0	\$0	\$0	\$0
10-30-20-572-010	WU - Bill - Collection - Travel and Per Diem	\$1,809	\$0	\$0	\$0	\$3,815
10-31-10-572-010	WU - Acc - Admin - Travel and Per Diem	\$212	\$0	\$0	\$214	\$4,535
10-40-60-572-010	WU - Ops - TandD - Travel and Per Diem	\$5,406	\$0	\$0	\$975	\$19,000
572-020	Travel and Per Diem - Board	\$0	\$0	\$7,280	\$0	\$15,190
10-01-10-572-020	WU - Admin - Admin - Travel and Per Diem - Board	\$0	\$0	\$7,280	\$0	\$15,190
573-010	Meeting Expense	\$13,067	\$1,625	\$22,200	\$549	\$46,070
10-01-10-573-010	WU - Admin - Admin - Meeting Expense	\$8,987	\$1,625	\$17,500	\$549	\$25,570
10-02-10-573-010	WU - IT - Admin - Meeting Expense	\$0	\$0	\$0	\$0	\$4,000
10-20-10-573-010	WU - Eng - Admin - Meeting Expense	\$0	\$0	\$200	\$0	\$16,000
10-21-10-573-010	WU - Const - Admin - Meeting Expense	\$2,200	\$0	\$0	\$0	\$0
10-22-10-573-010	WU - WRP - Admin - Meeting Expense	\$880	\$0	\$4,500	\$0	\$0
10-30-20-573-010	WU - Bill - Collection - Meeting Expense	\$0	\$0	\$0	\$0	\$0
10-31-10-573-010	WU - Acctg - Admin - Meeting Expense	\$0	\$0	\$0	\$0	\$500
10-40-60-573-010	WU - Ops - TandD - Meeting Expense	\$1,000	\$0	\$0	\$0	\$0

Operating Expense Detail

		FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021-2022 Budget	FY 2021 - 2022 YTD Actual as of 2/28/22	FY 2022-2023 Proposed Budget
OPERATING EXPENSES (Detail)						
573-020	Meeting Expense - Board	\$1,037	\$301	\$2,000	\$559	\$6,175
10-01-10-573-020	WU - Admin - Admin - Meeting Expense - Board	\$1,037	\$301	\$2,000	\$559	\$6,175
582-000	Interest Expense	\$2,126,288	\$2,949,517	\$2,860,863	\$1,831,697	\$2,619,332
10-00-00-582-000	WU - Interest Expense	\$2,126,288	\$2,949,517	\$2,860,863	\$1,831,697	\$2,619,332
Water Utility Fund Bond and Loan Repayment		\$5,031,869	\$5,160,541	\$5,170,095	\$4,998,368	\$4,961,483
682-000	Debt Principal Repayment	\$5,031,869	\$5,160,541	\$5,170,095	\$4,998,368	\$4,961,483
10-00-00-682-000	WU - Debt Principal Repayment	\$5,031,869	\$5,160,541	\$5,170,095	\$4,998,368	\$4,961,483
Water Utility Fund - Non Cash Operating Expenses		\$7,190,080	\$7,109,742	\$7,900,803	\$4,677,357	\$7,361,762
10-00-90-580-000	WU - Depreciation - Depreciation	\$7,000,563	\$6,906,157	\$7,190,082	\$4,597,522	\$7,190,082
10-00-90-581-000	WU - Depreciation - Amortization	\$231,449	\$235,859	\$752,653	\$117,273	\$235,859
10-00-90-582-000	WU - Bond Inflows & Outflows	-\$41,932	-\$32,274	-\$41,932	-\$37,438	-\$64,179

Misc. Capital Outlay

		FY 2019- 2020 Actual	FY 2020- 2021 Actual	FY 2021- 2022 Budget	FY 2021- 2022 Actual	Proposed Budget FY 2022- 2023
CAPITAL Outlay (New Appropriations)		\$799,458	\$703,614	\$1,658,500	\$385,077	\$4,377,500
Water Utility Fund (Misc. Capital Purchases - Replacement)		\$675,928	\$467,965	\$638,500	\$330,364	\$2,850,000
10-01-00-604-999	WU-Admin-RandR Capital Purchases	\$0	\$0	\$0	\$0	\$0
10-02-00-604-999	WU-IT-RandR Capital Purchases	\$126,578	\$46,325	\$179,000	\$10,900	\$670,000
10-10-40-604-999	WU-Qual-Purification-RandR Capital Purchases	\$35,695	\$0	\$0	\$0	\$0
10-20-00-604-999	WU-Const/Admin/Capital Purchases	\$0	\$1,217	\$10,000	\$143	\$20,000
10-30-00-604-999	WU-Fiscal-RandR Capital Purchases	\$0	\$0	\$50,000	\$0	\$0
10-40-00-604-999	WU-Ops-RandR Capital Purchases	\$513,655	\$420,423	\$399,500	\$319,321	\$2,160,000
Water Utility Fund (Misc. Capital Purchases - New)		\$123,530	\$235,649	\$1,020,000	\$54,713	\$1,527,500
10-01-00-605-999	WU-Admin-RandR Capital Purchases	\$0	\$0	\$0	\$0	\$0
10-02-00-605-999	WU-IT-Expansion Capital Purchases	\$32,499	\$50,980	\$120,000	\$41,988	\$822,000
10-10-40-605-999	WU-Qual-Expansion Capital Purchases	\$0	\$0	\$0	\$0	\$0
10-20-00-605-999	WU-Const/Admin/Capital Purchases	\$0	\$0	\$10,000	\$0	\$35,000
10-30-00-605-999	WU-Fiscal-RandR Capital Purchases	\$0	\$0	\$775,000	\$0	\$0
10-31-00-605-999	WU-Const/Admin/Capital Purchases	\$0	\$0	\$0	\$0	\$0
10-40-00-605-999	WU-Ops-Expansion Capital Purchases	\$91,031	\$184,669	\$115,000	\$12,725	\$670,500

New Capital Outlay

		FY 2019- 2020 Actual	FY 2020- 2021 Actual	FY 2021- 2022 Budget	FY 2021- 2022 Actual	Proposed Budget FY 2022- 2023
CAPITAL OUTLAY - CIP (New Appropriations)		\$4,114,217	\$2,861,189	\$46,570,000	\$199,521	\$45,999,938
Water Utility Fund (Capital Outlay - Rehabilitation & Replacement- Design)		\$166,636	\$156,271	\$0	\$156,271	\$2,100,000
10-20-00-604-001	WU-Eng-ALLR-KW-07 Paua Valley Tank Repair	\$5,618	\$0	\$0	\$0	\$0
10-20-00-604-009	WU-Eng-ALLR-Hanapepe Stream Crossing	\$0	\$0	\$0	\$0	\$500,000
10-20-00-604-146	WU-Eng-Hanapepe-Eleele Connecting Pipeline HE-1 and HE-10 (RR 12%)	\$47,994	\$0	\$0	\$0	\$0
10-20-00-604-147	WU-Eng-Rehabilitate Puupilo Steel tank	\$0	\$0	\$0	\$0	\$250,000
10-20-00-604-148	WU-Eng-Kuhio Hwy (Hardy-Oxford) 16" Main Replace (R&R 56% of \$100K)	\$46,096	\$8,148	\$0	\$8,148	\$100,000
10-20-00-604-149	WU-Eng-Kuhio Hwy (N. Papalooa to Waikaea Canal) Main Replace (RR 56%)	\$0	\$0	\$0	\$0	\$500,000
10-20-00-604-160	WU-Job 18-02 Islandwide Rehabilitation of Tanks	\$66,928	\$0	\$0	\$0	\$0
10-20-00-604-162	WU-Eng-17-13 & 14, Engineering Services for Islandwide Vulnerability and Resiliency Assessment.	\$0	\$130,388	\$0	\$130,388	\$0
10-20-00-604-163	WU-Eng-ALLR-18-8 Limahuli Stream and Mānoa Stream Water Line Repairs	\$0	\$0	\$0	\$0	\$0
10-20-00-604-169	Baseyard MP Ph 1	\$0	\$17,735	\$0	\$17,735	\$0
10-20-00-604-xxx	WK-34, Kuamoo Road 8" Main Replacement (6,500')					\$200,000
10-20-00-604-xxx	HE-03aHanapepe Town Well MCC, Chlorination Facilities					\$150,000
10-20-00-604-010	WK-10, Construct Wailua Homestead 538 Tank, 1.0 MG					\$200,000
10-20-00-604-xxx	H-05Weke, anae, Mahimahi and He's Roads 6" and 8" Main Replacement (2,760')					\$100,000
10-20-00-604-xxx	PLH-12,Kilohana Wells A, B, F & I Permanent Generator					\$100,000
Water Utility Fund (Capital Projects - R&R - Construction)		\$860,742	\$2,661,668	\$2,500,000	\$0	\$7,300,000
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)	\$860,742	\$2,554,127	\$0		\$0
10-21-00-604-001	Paua Valley Tank Repair	\$0	\$107,541	\$0	\$0	\$0
10-21-00-604-157	Kilauea 1&2 MCC (engineer's estimate - \$2.576M)	\$0	\$0	\$400,000	\$0	\$300,000
10-21-00-604-xxx	AMI Meter Replacement					\$5,000,000
10-21-00-604-xxx	Tank Remediation and Repair					\$2,000,000
10-21-00-604-167	Kukuioolono Tank Demo	\$0	\$0	\$1,100,000	\$0	\$0
10-21-00-604-XXX	Manoa Stream WL Emergency Repairs			\$500,000		
10-21-00-604-XXX	Makaleha WL Emergency Repairs			\$500,000		
Water Utility Fund (Capital Outlay - Rehabilitation & Replacement- Operations)		\$816,226	\$2,673,422	\$1,510,000	\$0	\$2,499,938
10-40-00-604-166	SWTP - Water Treatment Delivery Agreement with Grove Farm - R&R	\$816,226	\$2,673,422	\$0		
10-40-00-604-XXX	Replace Submersible Pump			\$150,000		
10-40-00-604-XXX	Offices on the 2nd Floor - Microlab building			\$75,000		
10-40-00-604-XXX	Replace wet barrel hydrants with dry barrel hydrants			\$25,000		\$0
10-40-00-604-XXX	Demolish Admin Building/Add Temp Parking Lot			\$400,000		\$400,000
10-40-00-604-XXX	Pump Replacement - Paua Valley			\$150,000		\$0
10-40-00-604-XXX	Replace ARV Islandwide					\$0
10-40-00-605-XXX	Work Station - Operations' Buiding			\$50,000		
10-40-00-605-176	Satellite Operations Facility			\$660,000		\$99,938
10-40-00-605-XXX	DOW Baseyard Phase I					\$2,000,000
FRC Fund (Capital Projects - Expansion - Design)		\$31,033	\$0	\$860,000	\$0	\$1,400,000
20-20-00-605-117	UH Experiment Station Tank - land acquisition	\$0	\$0	\$0	\$0	\$300,000
20-20-00-605-118	Develop Kapaa Well No. 4 site improvements (production well)	\$31,033	\$0	\$700,000	\$0	\$700,000
20-20-00-605-155	FRC-Eng-Wainiha Well #4 (EXP)	\$0	\$0	\$160,000	\$0	\$200,000
20-20-00-605-018	H-08, Drill & Test Hanalei Well	\$0	\$0	\$0	\$0	\$200,000

New Capital Outlay

		FY 2019- 2020 Actual	FY 2020- 2021 Actual	FY 2021- 2022 Budget	FY 2021- 2022 Actual	Proposed Budget FY 2022- 2023
FRC Fund (Capital Projects - Expansion - Construction)		\$0	\$0	\$400,000	\$0	\$3,000,000
20-21-00-605-017	FRC-Eng-ALLE-18IN Cane Haul Road Main	\$0	\$0	\$0	\$0	\$0
20-21-00-605-029	FRC-Cns-56%E-09-01 Yamada Tank Clearwell, Conn Pip	\$0	\$0	\$0	\$0	\$0
20-21-00-605-102	WU/Const/Capital Outlay/10-01 Ani-01b anini Rd. WL DOW -Princevl (56% Exp)	\$0	\$0	\$0	\$0	\$0
20-21-00-605-116	WU/Const/Capital Outlay/WK-08-Kapaa Homestead 313' 1.0 MG Tank (Ornellas) (0% RR of \$10M)	\$0	\$0	\$0	\$0	\$0
20-21-00-605-155	Drill & Test Kilauea Well 3			\$400,000		\$500,000
20-21-00-605-161	Hanapepe River Bridge, Kaunualii Hwy. Rt. 50, HI STP SR50 (1) Project, Hanapepe, Kauai, HI	\$0	\$0	\$0	\$0	\$0
20-21-00-605-153	Haena 144" Tank (0.2MG)	\$0	\$0	\$0	\$0	\$2,500,000
20-21-00-605-120	02-06, WKK-15 - Construct Kilauea 466 Tank, 1.0MG, Puu Pane Well 3 (Expansion - 90%)	\$0	\$0	\$0	\$0	\$0
Bond Fund (Capital Projects - R&R - Construction)		\$44,514	\$0	\$0	\$0	\$0
30-21-00-604-107	BAB-Cns-ALLR-XX-YY KP-09-MCC Chlor KoloaWell16-A,E	\$44,514	\$0	\$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
Bond Fund (Capital Projects: Design) R&R/Expansion		\$67,911	\$0	\$0	\$0	\$0
30-20-00-604-105	BAB-Eng-ALLR-09-01 K-01 Kalaheo 1111FT & 1222FT	\$67,911	\$0	\$0	\$0	\$0
30-20-00-605-139	BAB-Eng-ALLE-Moloaa Tank Site Acquisition	\$0	\$0	\$0	\$0	\$0
30-20-00-605-140	BAB-Eng-ALLE-Koloa Well F Land Acquisition	\$0	\$0	\$0	\$0	\$0
Bond Fund (Capital Projects - Expansion - Construction)		\$588,360	\$43,250	\$7,000,000	\$43,250	\$6,850,000
30-21-00-605-116	BAB-Cns-WK-08-Kapaa Homestead Tank (Ornellas)			\$4,500,000		\$1,750,000
30-21-00-605-118	BAB-Cns-ALLE-WK-39-Kapaa Homestead Well No. 4	\$588,360	\$43,250	\$0	\$43,250	\$2,600,000
30-21-00-605-120	BAB-Cns-90%E-0206WKK15-Kilauea 466 Tnk Puu Pane W3	\$0	\$0	\$2,500,000	\$0	\$2,000,000
30-21-00-605-136	BAB-Cns-89%E-XX-YY H-05 Weke Anae Hee 6-8IN Mains	\$0	\$0	\$0	\$0	\$0
30-21-00-605-029	BAB-Cns-CO-09-01 Kalaheo 1111' & 1112' WS Improv Pkg A,B,C	\$0	\$0		\$0	
30-21-00-605-017	BAB-Cns-CO-Kapaia Cane Haul Road 18" Main (98.55% Exp \$3,241,350)	\$0	\$0	\$0	\$0	\$500,000
Grant Fund (Capital Projects - R&R - Construction)		\$0	\$0	\$2,600,000	\$0	\$0
40-21-00-604-157	Kilauea 1&2 MCC (Eng. Est. \$4.5M)			\$2,600,000		\$0
Grant Fund (Capital Projects - Expansion - Construction)		\$0	\$0	\$14,700,000	\$0	\$9,850,000
40-21-00-605-029	State Approp. Grant/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			\$10,200,000		\$0
40-21-00-605-116	State Approp. Grant/Const/Capital Outlay/WK-08-Kapaa Homesteads 313' 1.0MG Tank (Ornellas - 100% Exp.			\$4,500,000		\$7,250,000
40-21-00-605-118	WK-39, Drill & develop Kapaa Homesteads Well #4					\$2,600,000
40-21-00-605-120	WKK-15, Kilauea 466" Tank (1.0MG)					\$0
SRF Fund (Capital Projects - R&R - Construction)		\$0	\$0	\$14,300,000	\$0	\$13,000,000
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			\$4,300,000		\$13,000,000
60-21-00-604-XXX	AMI Meter Replacement			\$ 10,000,000		

REVENUES - REVISED WORKSHEETS

Account	Description	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual	FY 2022-2023 Estimated Revenues (option 1)	FY 2022-2023 Projected Revenues (option 2)	FY 2022-2023 Projected Revenues (option 3)
Water Utility Fund		\$ 31,891,765	\$ 29,512,964	\$ 43,641,788	\$ 21,461,755	\$ 58,297,943	\$ 58,867,825	\$ 59,319,908
10-00-00-400-000	WU/Water Sales	\$ 26,672,943	\$ 25,320,900	\$ 25,022,600	\$ 19,156,673	\$ 28,680,466	\$ 29,250,347	\$ 29,702,430
10-00-00-405-000	WU/Revenue from Public Fire Protection	\$ 2,174,298	\$ 2,201,634	\$ 2,174,298	\$ 1,467,756	\$ 2,201,634	\$ 2,201,634	\$ 2,201,634
10-00-00-410-000	WU/Other Water Revenue	\$ 140,291	\$ 163,083	\$ 300,000	\$ 69,229	\$ 150,000	\$ 150,000	\$ 150,000
10-00-00-430-000	WU/Federal Grants (FEMA)		\$ 117,889		\$ -	\$ -	\$ -	\$ -
10-00-00-432-000	WU/State Grants	\$ 1,369,959	\$ 119,595	\$ 14,000,000	\$ 332	\$ 25,050,000	\$ 25,050,000	\$ 25,050,000
10-00-00-440-000	WU/Capital Contributions - Cash Receipts	\$ 566,738	\$ 567,251	\$ 1,936,390	\$ 537,316	\$ 1,907,344	\$ 1,907,344	\$ 1,907,344
10-00-00-453-000	WU/Net Increase in Fair Value of Investments	\$ -	\$ 411,333	\$ -	\$ -	\$ -	\$ -	\$ -
10-00-00-461-000	WU/Investment Income	\$ 941,506	\$ 571,233	\$ 200,000	\$ 196,407	\$ 300,000	\$ 300,000	\$ 300,000
10-00-00-470-000	WU/Gain or Loss on Disposal of Capital Assets		\$ -	\$ 5,000		\$ 5,000	\$ 5,000	\$ 5,000
10-00-00-490-000	WU/Miscellaneous Revenues	\$ 26,030	\$ 40,046	\$ 3,500	\$ 34,042	\$ 3,500	\$ 3,500	\$ 3,500
Non-Revenue Cash Inflow				\$ 10,000,000	\$ -	\$ 13,000,000	\$ 13,000,000	\$ 13,000,000
10-00-00-498-300	WU/Bond Proceeds - BAB			\$ -	\$ -	\$ -	\$ -	\$ -
10-00-00-499-600	WU/Loan Proceeds - SRF Loan			\$ 10,000,000	\$ -	\$ 13,000,000	\$ 13,000,000	\$ 13,000,000
FRC Fund		\$ 1,162,333	\$ 1,533,611	\$ 1,040,291	\$ 657,628	\$ 1,027,843	\$ 1,027,843	\$ 1,027,843
20-00-00-424-000	FRC/Facility Reserve Charge	\$ 919,445	\$ 1,288,569	\$ 800,000	\$ 516,600	\$ 800,000	\$ 800,000	\$ 800,000
20-00-00-440-000	WU/Capital Contributions - Cash Receipts (BAB Subsidy)	\$ 242,888	\$ 243,107	\$ 240,291	\$ 141,028	\$ 227,843	\$ 227,843	\$ 227,843
20-00-00-453-000	FRC/Net Increase in Fair Value of Investments			\$ -	\$ -	\$ -	\$ -	\$ -
20-00-00-461-000	FRC/Investment Income		\$ 1,935	\$ -	\$ -	\$ -	\$ -	\$ -
BAB Fund		\$ 329,210	\$ 12,190	\$ 35,000	\$ (92,972)	\$ 35,000	\$ 35,000	\$ 35,000
30-00-00-453-000	BAB/Net Increase in Fair Value of Investments	\$ 170,623	\$ (149,147)	\$ (30,000)	\$ (185,338)	\$ (30,000)	\$ (30,000)	\$ (30,000)
30-00-00-461-000	BAB/Investment Income	\$ 158,587	\$ 161,337	\$ 65,000	\$ 92,367	\$ 65,000	\$ 65,000	\$ 65,000
SRF Fund				\$ 14,300,000	\$ -	\$ -	\$ -	\$ -
60-00-00-430-000	SRF/Federal Grants			\$ 14,300,000		\$ -	\$ -	\$ -
60-00-00-453-000	SRF/Net Increase in Fair Value of Investments			\$ -		\$ -	\$ -	\$ -

Option 1

As of 2/28/2022

FY 2022 - 2023 Water Sales Projection

WU/Water Sales

Estimated Water Sales - FY 2022- 2023 (see Sch. 1)		28,396,501
Estimated Water Sales Increase (growth projection)	1%	283,965
Estimated Power Cost Adjustment (\$0.0 pending approved water rate study)	-	-

Projected Water Sales FY 2022-2023 0 28,680,466

Sch. 1

Year To Date Water Sales (7months)

July, 2021 to February, 2022 (Actual)	67%	\$	19,156,673
March to June, 2022	33%		9,239,828
Estimated Annual	100%	\$	28,396,501
			28,396,501

Metered Consumption - in million gallons (MG)					MG Increase/ (Decrease)	% Increase/ (Decrease)
	FY 2019	FY 2020	FY 2021	FY 2022		
July	344.364	365.892	335.209	403.814	69	20.5%
August	348.569	362.067	295.297	402.543	107	36.3%
September	325.351	369.751	329.858	354.337	24	7.4%
October	328.575	328.084	330.618	331.259	1	0.2%
November	306.129	306.312	287.707	358.059	70	24.5%
December	307.883	294.673	272.561	310.165	38	13.8%
January	299.365	290.040	267.391	283.247	16	5.9%
February	305.811	285.156	255.410	283.247	28	10.9%
March	309.819	287.939	261.744	300.835	39	14.9%
April	327.707	255.907	257.424	295.869	38	14.9%
May	339.334	287.749	294.870	338.908	44	14.9%
June	322.526	378.527	330.224	379.542	49	14.9%
Note: March to June , 2021 were estimated using the average % of increase/decrease.						
	3,865.433	3,812.097	3,518.313	4,041.825	100%	
Annual Increase (decrease)		(53.336)	(293.784)	523.512	46	14.9%
Equivalent rate increase (decrease)		-1.4%	-7.7%	14.9%		
Ave mo. Usage		317.675	293.193	336.819		

III. BILLED REVENUES COMPARATIVE REPORT
For Fiscal Years 2020, 2021 & 2022

	2020	2021	2022	Inc (Decrease)	%
July	\$ 2,594,993	\$ 2,399,952	\$ 2,678,981	\$ 279,029	11.6%
August	\$ 2,616,525	\$ 2,128,704	\$ 2,727,649	\$ 598,945	28.1%
September	\$ 2,568,987	\$ 2,344,603	\$ 2,550,138	\$ 205,535	8.8%
October	\$ 2,344,974	\$ 2,355,705	\$ 2,445,305	\$ 89,599	3.8%
November	\$ 2,224,482	\$ 2,074,334	\$ 2,377,281	\$ 302,947	14.6%
December	\$ 2,085,759	\$ 1,944,888	\$ 2,302,524	\$ 357,636	18.4%
January	\$ 2,064,173	\$ 1,939,857	\$ 2,023,811	\$ 83,954	4.3%
February	\$ 2,036,448	\$ 1,842,256	\$ 2,201,471	\$ 359,215	19.5%
March	\$ 2,177,234	\$ 1,893,137	\$ 2,151,438	\$ 258,301	13.6%
April	\$ 1,860,315	\$ 1,855,019	\$ 2,108,118	\$ 253,100	13.6%
May	\$ 2,045,570	\$ 2,121,721	\$ 2,411,210	\$ 289,489	13.6%
June	\$ 2,384,480	\$ 3,806,301	\$ 4,325,635	\$ 519,334	13.6%
	\$ 27,003,941	\$ 26,706,477	\$ 30,303,561	\$ 3,597,085	164%

13.64%

Ave. mo. billed revenues	\$ 2,250,328	\$ 2,225,540	\$ 2,413,395
Estimated Twelve Month Revenues, using the monthly average	\$ 28,960,740		
Add 1% estimated growth	\$ 289,607		
Estimated Water Sales	\$ 29,250,347		

Option 2

Actual Receipts, July to February, 2022	\$ 19,307,160		
Estimated Five Month Revenues, using the average % increase of billed revenues	\$ 10,101,187		
Add 1% population growth	\$ 294,083		
Estimated 12 Month Revenues, using the average % of billed revenues decrease	\$ 29,702,430		

Option 3

STATE OF HAWAII									
APPROPRIATIONS ACT OF 2019 - ACT 40, SLH 2019									
CAPITAL IMPROVEMENT PROJECTS									
TC	Fund	FY	Acct No	Dept	Prog ID	Lapse Date	Section Item	Title	AMOUNT
411	B	2019	400	X	SUB501	20220630	4-K24	KALAHEO-LAWAI-OMAO WTR SYS, KAUAI-L/S	2,200,000.00
411	B	2019	401	X	SUB501	20220630	4-K24	KALAHEO-LAWAI-OMAO WTR SYS, KAUAI-DES	0.00
411	B	2019	402	X	SUB501	20220630	4-K24	KALAHEO-LAWAI-OMAO WTR SYS, KAUAI-CON	0.00
411	B	2019	403	X	SUB501	20220630	4-K24	KALAHEO-LAWAI-OMAO WTR SYS, KAUAI-EQP	0.00
411	B	2019	404	X	SUB501	20220630	4-K25	KILAUEA WATER SYSTEM, KAUAI-L/S	1,300,000.00
411	B	2019	405	X	SUB501	20220630	4-K25	KILAUEA WATER SYSTEM, KAUAI-DES	0.00
411	B	2019	406	X	SUB501	20220630	4-K25	KILAUEA WATER SYSTEM, KAUAI-CON	0.00
411	B	2019	407	X	SUB501	20220630	4-K25	KILAUEA WATER SYSTEM, KAUAI-EQP	0.00
411	B	2019	408	X	SUB501	20220630	4-K26	WAIMEA-KEKAHA WTR SYS, KAUAI-L/S	1,000,000.00
411	B	2019	409	X	SUB501	20220630	4-K26	WAIMEA-KEKAHA WTR SYS, KAUAI-DES	0.00
411	B	2019	410	X	SUB501	20220630	4-K26	WAIMEA-KEKAHA WTR SYS, KAUAI-CON	0.00
411	B	2019	411	X	SUB501	20220630	4-K26	WAIMEA-KEKAHA WTR SYS, KAUAI-EQP	0.00
TOTAL - COUNTY OF KAUAI (MOF C)									4,500,000.00
411	S	2019	935	X	SUB501	20220630	4-K24	KALAHEO-LAWAI-OMAO WTR SYS, KAUAI-L/S	440,000.00
411	S	2019	936	X	SUB501	20220630	4-K24	KALAHEO-LAWAI-OMAO WTR SYS, KAUAI-DES	0.00
411	S	2019	937	X	SUB501	20220630	4-K24	KALAHEO-LAWAI-OMAO WTR SYS, KAUAI-CON	0.00
411	S	2019	938	X	SUB501	20220630	4-K24	KALAHEO-LAWAI-OMAO WTR SYS, KAUAI-EQP	0.00
411	S	2019	939	X	SUB501	20220630	4-K25	KILAUEA WATER SYSTEM, KAUAI-L/S	260,000.00
411	S	2019	940	X	SUB501	20220630	4-K25	KILAUEA WATER SYSTEM, KAUAI-DES	0.00
411	S	2019	941	X	SUB501	20220630	4-K25	KILAUEA WATER SYSTEM, KAUAI-CON	0.00
411	S	2019	942	X	SUB501	20220630	4-K25	KILAUEA WATER SYSTEM, KAUAI-EQP	0.00
411	S	2019	943	X	SUB501	20220630	4-K26	WAIMEA-KEKAHA WTR SYS, KAUAI-L/S	200,000.00
411	S	2019	944	X	SUB501	20220630	4-K26	WAIMEA-KEKAHA WTR SYS, KAUAI-DES	0.00
411	S	2019	945	X	SUB501	20220630	4-K26	WAIMEA-KEKAHA WTR SYS, KAUAI-CON	0.00
411	S	2019	946	X	SUB501	20220630	4-K26	WAIMEA-KEKAHA WTR SYS, KAUAI-EQP	0.00
TOTAL - COUNTY OF KAUAI (MOF S)									900,000.00
TOTAL - COUNTY OF KAUAI - 220									5,400,000.00

STATE OF HAWAII									
SUPPLEMENTAL APPROPRIATIONS ACT OF 2020 - ACT 6, SLH 2020									
SECTION 4 - CAPITAL IMPROVEMENT PROJECTS									
TC	Fund	FY	Acct No	Dept	Prog ID	Lapse Date	Section Item	Title	AMOUNT
411	B	2020	400	X	SUB501	20220630	4-K23	ANAHOLA SPORTS COMPLEX, KAUAI-L/S	500,000.00
411	B	2020	401	X	SUB501	20220630	4-K23	ANAHOLA SPORTS COMPLEX, KAUAI-PLN	0.00
411	B	2020	402	X	SUB501	20220630	4-K23	ANAHOLA SPORTS COMPLEX, KAUAI-DES	0.00
411	B	2020	403	X	SUB501	20220630	4-K24	KALAHEO-LAWAI-OMAO WTR SYS, KAUAI-L/S	8,000,000.00
411	B	2020	404	X	SUB501	20220630	4-K24	KALAHEO-LAWAI-OMAO WTR SYS, KAUAI-DES	0.00
411	B	2020	405	X	SUB501	20220630	4-K24	KALAHEO-LAWAI-OMAO WTR SYS, KAUAI-CON	0.00
411	B	2020	406	X	SUB501	20220630	4-K24	KALAHEO-LAWAI-OMAO WTR SYS, KAUAI-EQP	0.00
411	B	2020	407	X	SUB501	20220630	4-K25	KILAUEA WATER SYSTEM, KAUAI-L/S	1,300,000.00
411	B	2020	408	X	SUB501	20220630	4-K25	KILAUEA WATER SYSTEM, KAUAI-DES	0.00
411	B	2020	409	X	SUB501	20220630	4-K25	KILAUEA WATER SYSTEM, KAUAI-CON	0.00
411	B	2020	410	X	SUB501	20220630	4-K25	KILAUEA WATER SYSTEM, KAUAI-EQP	0.00
411	B	2020	411	X	SUB501	20220630	4-K26	WAIMEA-KEKAHA WTR SYS, KAUAI-L/S	200,000.00
411	B	2020	412	X	SUB501	20220630	4-K26	WAIMEA-KEKAHA WTR SYS, KAUAI-DES	0.00
411	B	2020	413	X	SUB501	20220630	4-K26	WAIMEA-KEKAHA WTR SYS, KAUAI-CON	0.00
411	B	2020	414	X	SUB501	20220630	4-K26	WAIMEA-KEKAHA WTR SYS, KAUAI-EQP	0.00
411	B	2020	415	X	SUB501	20220630	4-K26.1	HANAPEPE STADIUM, KAUAI-L/S	1,000,000.00
411	B	2020	416	X	SUB501	20220630	4-K26.1	HANAPEPE STADIUM, KAUAI-CON	0.00
411	B	2020	417	X	SUB501	20220630	4-K26.2	KILAUEA GYMNASIUM, KAUAI-L/S	1,680,000.00
411	B	2020	418	X	SUB501	20220630	4-K26.2	KILAUEA GYMNASIUM, KAUAI-PLN	0.00
411	B	2020	419	X	SUB501	20220630	4-K26.2	KILAUEA GYMNASIUM, KAUAI-DES	0.00
411	B	2020	420	X	SUB501	20220630	4-K26.2	KILAUEA GYMNASIUM, KAUAI-CON	0.00
								TOTAL - COUNTY OF KAUAI (MOF C)	12,680,000.00
411	S	2020	935	X	SUB501	20220630	4-K24	KALAHEO-LAWAI-OMAO WTR SYS, KAUAI-L/S	1,600,000.00
411	S	2020	936	X	SUB501	20220630	4-K24	KALAHEO-LAWAI-OMAO WTR SYS, KAUAI-DES	0.00
411	S	2020	937	X	SUB501	20220630	4-K24	KALAHEO-LAWAI-OMAO WTR SYS, KAUAI-CON	0.00
411	S	2020	938	X	SUB501	20220630	4-K24	KALAHEO-LAWAI-OMAO WTR SYS, KAUAI-EQP	0.00
411	S	2020	939	X	SUB501	20220630	4-K25	KILAUEA WATER SYSTEM, KAUAI-L/S	260,000.00
411	S	2020	940	X	SUB501	20220630	4-K25	KILAUEA WATER SYSTEM, KAUAI-DES	0.00
411	S	2020	941	X	SUB501	20220630	4-K25	KILAUEA WATER SYSTEM, KAUAI-CON	0.00
411	S	2020	942	X	SUB501	20220630	4-K25	KILAUEA WATER SYSTEM, KAUAI-EQP	0.00
411	S	2020	943	X	SUB501	20220630	4-K26	WAIMEA-KEKAHA WTR SYS, KAUAI-L/S	40,000.00
411	S	2020	944	X	SUB501	20220630	4-K26	WAIMEA-KEKAHA WTR SYS, KAUAI-DES	0.00
411	S	2020	945	X	SUB501	20220630	4-K26	WAIMEA-KEKAHA WTR SYS, KAUAI-CON	0.00
411	S	2020	946	X	SUB501	20220630	4-K26	WAIMEA-KEKAHA WTR SYS, KAUAI-EQP	0.00
411	S	2020	947	X	SUB501	20220630	4-K26.1	HANAPEPE STADIUM, KAUAI-L/S	500,000.00
411	S	2020	948	X	SUB501	20220630	4-K26.1	HANAPEPE STADIUM, KAUAI-CON	0.00
411	S	2020	949	X	SUB501	20220630	4-K26.2	KILAUEA GYMNASIUM, KAUAI-L/S	420,000.00
411	S	2020	950	X	SUB501	20220630	4-K26.2	KILAUEA GYMNASIUM, KAUAI-PLN	0.00
411	S	2020	951	X	SUB501	20220630	4-K26.2	KILAUEA GYMNASIUM, KAUAI-DES	0.00
411	S	2020	952	X	SUB501	20220630	4-K26.2	KILAUEA GYMNASIUM, KAUAI-CON	0.00
								TOTAL COUNTY OF KAUAI (MOF S)	2,820,000.00
								TOTAL COUNTY OF KAUAI - 220	15,500,000.00

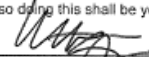
\$ 9,500,000.00

STATE OF HAWAII
APPROPRIATION WARRANT

Appropriation Warrant No 220 Date 07-01-2021

To County of Kauai
(Department or Agency)
State of Hawaii

The Legislature of 20 21 at its Regular Session having by Act 88 appropriated the sum of \$ 19,700,000.00 for the purposes and for the period therein specified, you are authorized to cause this sum to be credited to the general and detailed accounts of appropriations, and for so doing this shall be your WARRANT.



 COMPTROLLER, STATE OF HAWAII

TC	F	YR	APP	D	APPROPRIATION TITLE	LAPSE DATE			AMOUNT	
						MM	DD	YY	XXXXXXXXXX	XX
XXX	X	XX	XXX	XX						
					See attached for General Obligation Bond Fund details MOF: C				9,850,000	00
					See attached for County Fund details MOF: S				9,850,000	00
GRAND TOTAL									19,700,000	.00

CC: OAGS - ACCOUNTING DIVISION
 BUDGET & FINANCE BR/MD

STATE ACCOUNTING FORM A-01
 JULY 1, 2002 (REVISED)

Account	Description	2019-2020 Actuals	2020-2021 Actual	2021-2022 Budget	2021-2022 YTD Actual	2022-2023 Budget
Water Utility Fund						
10-01-10-540-010	WU/Admin/Admin/Professional Services - General	\$ 199,852	\$ 87,917	\$ 305,300	\$ 32,394	\$ 190,300
10-01-10-541-010	WU/Admin/Admin/Other Services - General	\$ 10,834	\$ 3,371	\$ 1,500	\$ -	\$ -
10-01-10-542-010	WU/Admin/Admin/Public Relations	\$ 91,950	\$ 44,688	\$ 82,900	\$ 60,297	\$ 90,950
10-01-10-542-020	WU/Admin/Admin/Procurement Advertising	\$ 8,127	\$ 37,589	\$ 10,000	\$ 9,677	\$ 5,000
10-01-10-544-000	WU/Admin/Admin/Freight and Postage Services	\$ 1,412	\$ 2,070	\$ 3,100	\$ -	\$ 3,000
10-01-10-545-000	WU/Admin/Admin/Rentals and Leases	\$ 21,171	\$ 22,230	\$ 50,900	\$ 22,294	\$ 31,000
10-01-10-546-000	WU/Admin/Admin/Insurance	\$ 99,701	\$ 96,703	\$ 5,000	\$ 2,080	\$ 5,000
10-01-10-551-000	WU/Admin/Admin/Utility Services	\$ 114,165	\$ 141,797	\$ 171,500	\$ 105,195	\$ 179,800
10-01-10-561-000	WU/Admin/Admin/Repairs and Maintenance - Other than Water System	\$ 1,641	\$ 10,550	\$ -	\$ -	\$ -
10-01-10-563-000	WU/Admin/Admin/Operating Supplies	\$ 5,905	\$ 4,493	\$ 5,000	\$ 6,707	\$ 10,000
10-01-10-570-010	WU/Admin/Admin/Books, Publications, Subscriptions, and Memberships	\$ 19,441	\$ 20,676	\$ 21,270	\$ 5,372	\$ 23,175
10-01-10-570-020	WU/Admin/Admin/Books, Publications, Subscriptions, and Memberships - Board	\$ 300	\$ 75	\$ 595	\$ 150	\$ 600
10-01-10-571-010	WU/Admin/Admin/Training and Development	\$ 11,933	\$ 1,678	\$ 26,500	\$ 1,390	\$ 12,000
10-01-10-572-010	WU/Admin/Admin/Travel and Per Diem	\$ 31,341	\$ -	\$ 59,900	\$ 4,186	\$ 69,260
10-01-10-572-020	WU/Admin/Admin/Travel and Per Diem - Board	\$ -	\$ -	\$ 7,280	\$ -	\$ 15,190
10-01-10-573-010	WU/Admin/Admin/Registration and Meeting Expense	\$ 8,987	\$ 1,625	\$ 17,500	\$ 549	\$ 25,570
10-01-10-573-020	WU/Admin/Admin/Registration and Meeting Expense - Board	\$ 1,037	\$ 301	\$ 2,000	\$ 559	\$ 6,175
	OPERATING EXPENSES	\$ 627,797	\$ 475,764	\$ 770,245	\$ 250,849	\$ 667,020
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	\$ 627,797	\$ 475,764	\$ 770,245	\$ 250,849	\$ 667,020
	SUMMARY OF CAPITAL PURCHASES	\$ 57,789	\$ -	\$ -	\$ -	\$ -
	OPERATING EXPENSES PLUS CAPITAL OUTLAY	\$ 685,586	\$ 475,764	\$ 770,245	\$ 250,849	\$ 667,020

General Expenses - Admin

TOTAL:		WU/Admin/Admin/Professional Services - General	\$135,925	\$87,917	\$305,300	\$32,394	\$190,300
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual YTD as of 2/28/22	FY2022-2023 Proposed Budget	
Special Counsel				\$25,000.00		\$25,000.00	
Legislative Liaison				\$40,000.00		\$40,000.00	
Leadership Kaua'i Training	Professional Speaker			\$4,000.00		\$4,000.00	
Professional Interpreter & Facilitator	for Public meetings			\$500.00		\$500.00	
Other Services - Board	Performance Audit			\$0.00		\$0.00	
HR Related Services	Pre-Employment and Reasonable Suspicion; Drug & Alcohol Testing			\$800.00		\$800.00	
Safety Program				\$75,000.00		\$5,000.00	
Arbitration	Arbitrator's Fees			\$10,000.00		\$10,000.00	
Litigation Costs	Pending Matters			\$0.00		\$0.00	
Document Scanning	Document Scanning			\$150,000.00		\$100,000.00	
Investigative services	As needed for confidential investigation					\$5,000.00	

General Expenses - Admin

TOTAL:	WU/Admin/Admin/Other Services - General	\$1,966	\$3,371	\$1,500	\$0	\$0
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual YTD as of 2/28/22	FY2022-2023 Proposed Budget
Alarm Service				\$ 1,500.00		\$ -
Solid Waste Disposal Services	Garden Island Disposal			\$ -		\$ -

General Expenses - Admin

TOTAL:	WU/Admin/Admin/Public Relations	\$78,061	\$44,688	\$82,900	\$60,297	\$90,950
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual YTD as of 2/28/22	FY2022-2023 Proposed Budget
Public Relations Programs	Advertising; Promotional & Education Materials (logo items, giveaways, publications, brochures, meeting supplies, presentation supplies, displays, etc.)			\$51,800		\$64,450
Project WET	Make-A-Splash, Project WET Outreach			\$9,000		\$18,000
Water Conservation District (EWSWD)	Grant			\$7,500		\$7,500
Cultural Services	Blessing, Info, etc.			\$1,500		\$1,000
Blackboard Connect CTY	Contract for County Mass Notification System - Blackboard Connect CTY			\$13,100		\$0

General Expenses - Admin

TOTAL:	WU/Admin/Admin/Procurement Advertising	\$0	\$37,589	\$10,000	\$9,677	\$5,000
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual YTD as of 2/28/22	FY2022-2023 Proposed Budget
Publications	All Divisions - Legal Ads for Solicitation, Public Notices for Projects, Proposals for all Divisions including Board Notices			\$10,000.00		\$5,000.00

TOTAL:	WU/Admin/Admin/Freight and Postage Services	\$2,113	\$2,070	\$3,100	\$0	\$3,000	Admin Expenses
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual YTD as of 2/28/22	FY2022-2023 Proposed 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)			\$3,000.00		\$3,000.00	No
Bureau Copy Request				\$100.00			No

General Expenses - Admin

TOTAL:	WU/Admin/Admin/Rentals and Leases	\$20,595	\$22,230	\$50,900	\$22,294	\$31,000
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual YTD as of 2/28/22	FY2022-2023 Proposed Budget
Lease Agreement with UH Puhi Well 3						
Lease Agreement Kilauea Booster Pump						
License Fee Agreement McBryde Trust	Kalaheo/Koloa Water System - moved to Ops			\$20,000.00		\$20,000.00
Lease Agreement with Grove Farm	Kōloa Wells 16 A, B, & E			\$30,900.00		\$0.00
Easement 5-1-5:23	Annual Lease - Easement for booster pump station on Wailapa					\$1,000
Lease agreement storage units						\$10,000.00

General Expenses - Admin

TOTAL:	WU/Admin/Admin/Insurance	\$62,466	\$96,703	\$5,000	\$2,080	\$5,000
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual YTD as of 2/28/22	FY2022-2023 Proposed Budget
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
Workers Compensation Settlements	Workers Comp, etc			\$0.00		\$0.00
Board Approved Claims	Claims outside of the County Attorney's discretion.			\$0.00		

General Expenses - Admin

TOTAL: WU/Admin/Admin/Utility Services		\$174,681	\$141,797	\$171,500	\$105,195	\$179,800	Admin Expenses
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual YTD as of 2/28/22	FY2022-2023 Proposed Budget	New Request ?
Electricity	Front/Back Office & Microlab Building			\$160,000.00		\$168,000.00	No
Puhi Sewer & Water				\$10,000.00		\$10,300.00	No
Solid Waste	Solid Waste Disposal			\$ 1,500.00		\$ 1,500.00	No

TOTAL:	WU/Admin/Admin/Repairs and Maintenance - Other than Water System	\$6,803		\$0		Admin Expenses (Kirk) 1A1
Line Item	Notes	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual YTD as of 2/28/22	FY 2022-2023 Proposed Budget	New Request ?
Air Conditioning	Maintenance & Service Calls					No
Elevator	Maintenance and Safety Test Fees					No

General Expenses - Admin

TOTAL:	WU/Admin/Admin/Operating Supplies	\$3,651	\$4,493	\$5,000	\$6,707	\$10,000
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual YTD as of 2/28/22	FY2022-2023 Proposed Budget
Operating Supplies/Small Tools & Equipment	With expected vacancies, safety supplies, dual monitors, screen protectors, working table, notarial supplies, phone accessories etc.			\$5,000.00		\$10,000.00

TOTAL:		\$9,237	\$25,240	\$20,676	\$21,270	\$5,372	\$23,175
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual YTD as of 2/28/22	FY2022-2023 Proposed Budget
AWWA Membership	Annual Membership Dues for the DOW		\$3,700.00		\$3,900.00		\$4,000.00
Books and Subscriptions	Books for ALL DIVISIONS - Library, Subscriptions for TGI, STAR, ENR, Pacific Buisness News, HR, Manuals, Guide books, etc.		\$4,000.00		\$2,000.00		\$2,000.00
Water Research Foundation	Annual Membership Dues for the DOW		\$10,000.00		\$8,000.00		\$8,000.00
Hawaii State Bar Association	Annual Association Dues		\$550.00		\$550.00		\$550.00
Hawaii Rural Water Association	Annual Membership Dues for the DOW		\$6,500.00		\$6,500.00		\$6,750.00
SHRM	Society for for Human Resource Management Membership Dues		\$270.00		\$100.00		\$75.00
IPMA-HR	International Public Management Association for HR Membership Dues		\$220.00		\$220.00		\$250.00
CAK Membership	For 2 staff						\$1,550.00
Westlaw / Thomson Reuters	County Attorney Dues \$95.21 * 12 (months)		\$0.00		\$0.00		
SAM	System for Award Mangement Registration Processing Fee		\$ -		\$ -		

General Expenses - Admin

TOTAL:	WU/Admin/Admin/Books, Publications, Subscriptions, and Memberships - Board	\$450	\$75	\$595	\$150	\$600	Admin Expenses
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual YTD as of 2/28/22	FY2022-2023 Proposed Budget	New Request ?
AWWA Membership	Individual Membership Dues for Board Members (7)			\$595.00		\$600.00	No
Books and Subscriptions				\$0.00		\$0.00	No

General Expenses - Admin

TOTAL:	WU/Admin/Admin/Training and Development	\$33,039	\$1,678	\$26,500	\$1,390	\$12,000
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual YTD as of 2/28/22	FY2022-2023 Proposed Budget
Seminars & Workshops	Training & educational workshops			\$20,000.00		\$10,000.00
Water Program	Recognition Program (SOP 56)			\$6,500.00		\$2,000.00

TOTAL: WU/Admin/Admin/Travel and Per Diem		\$26,873	\$0	\$59,900	\$4,186	\$69,260
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual YTD as of 2/28/22	FY2022-2023 Proposed Budget
Legislature	Testimonies and Legislature Opening			\$2,500.00		\$1,160.00
Water Security Advisory Group Act 172 Section 5	Manager & Chief Engineer			\$800.00		\$1,160.00
Fresh Water Council	Manager & Chief Engineer			\$800.00		\$1,160.00
Water Loss Control Committee Act 169, SB2645	Manager & Chief Engineer			\$800.00		\$1,160.00
HRWA Quarterly Meetings	Manager & Chief Engineer					\$1,160.00
AWWA Water Infrastructure Conference & Exposition	September 11-14, 2022 (Portland, OR) x 1					\$3,460.00
AWWA Water Quality Technology Conference & Exposition	November 13-17, 2022 (Cincinnati, OH) x 1					\$3,820.00
AWWA North American Water Loss Conference & Exposition	December TBA, 2022 (TBA) x 1					\$3,100.00
AWWA/WEF Utility Management Conference	February TBA, 2023 (TBA) x 1					\$3,100.00
HWWA Hawai'i Section Conference	Date TBA 2022 (Maui, HI) x 4					\$4,150.00
AWWA Hawaii HWEA Pacific Water Conference	February TBA, 2023 (Honolulu, HI) x 4					\$2,350.00
AWWA National Conference	June 11-14 2023 (Toronto, Canada) x 3					\$10,380.00
HRWA Conference	May TBA 2023 (Hawai'i Island) x 6					\$6,360.00
Project WET Conference	August 8-11, 2022 (Spokane, Washington) x 1					\$3,400.00
WaterSmart Innovations Conference & Expo	October 2022 (Location TBA) x 1					\$2,380.00
Government Social Media	March 2023 (Location TBA) x 1					\$3,000.00
Wahine Forum Conference						\$2,100.00
Administrative Conference	x 4					\$13,840.00
IPMA-HR Conference						
IMLA Conference	October 19-23 2022 (Portland, OR) x 1					\$2,020.00
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)			\$55,000.00		

TOTAL: WU/Admin/Admin/Travel and Per Diem - Board		\$6,139	\$0	\$0	\$7,280	\$0	\$15,190
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual YTD as of 2/28/22	FY2022-2023 Proposed Budget
AWWA National Conference	(Toronto, Canada, June 11-14, 2023) x 3 Personnel Anticipated travel= 6 days & 5 nights w/ 3 rooms		\$0.00		\$3,800.00		\$11,310.00
AWWA Hawaii HWEA Pacific Water Conference	Date TBA 2023 (Honolulu, HI) x 2 Personnel Anticipated travel (Date February TBA) 3 days & 2 nights w/ 2 rooms		\$0.00		\$1,740.00		\$1,940.00
HWWA Hawai'i Section Conference	Date TBA 2023 (Maui, HI) x 2 Personnel Anticipated travel (Date November TBA) 3 days & 2 nights w/ 2 rooms		\$0.00		\$1,740.00		\$1,940.00

TOTAL: WU/Admin/Admin/Meeting Expense		\$ 51,700	\$ 4,158	\$ 1,625	\$ 17,500	\$ 549	\$ 25,570
Line Item	Notes	FY 2018-2019 Budget	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual YTD as of 2/28/22	FY2022-2023 Proposed Budget
Board Meeting	Lunch for Board Meeting X 18 Mtgs				\$ 3,500.00		\$ -
Seminars & Workshops	Meeting materials/Supplies	\$ 1,000.00			\$ 1,000.00		\$ 500.00
Annual meeting	Meeting materials/Supplies	\$ 2,500.00			\$ 3,000.00		\$ -
Meeting Expense	Departmental budget -Meeting Expense				\$10,000.00		\$ -
Administrative Conference	Registration x 4	\$5,000.00					\$ 5,600.00
AWWA Water Infrastructure Conference & Exposition	Registration September 11-14, 2022 (Portland, OR) x 1						\$ 1,400.00
AWWA Water Quality Technology Conference & Exposition	Registration November 13-17, 2022 (Cincinnati, OH) x 1						\$ 1,400.00
AWWA North American Water Loss Conference & Exposition	Registration December TBA, 2022 (TBA) x 1						\$ 1,400.00
AWWA/WEF Utility Management Conference	Registration February TBA, 2023 (TBA) x 1	\$1,000.00					\$ 1,400.00
HWAA Hawai'i Section Conference	Date TBA 2022 (Maui, HI) x 4	\$24,000.00					\$ 1,600.00
AWWA Hawaii HWEA Pacific Water Conference	Registration February TBA, 2023 (Honolulu, HI) x 4	\$2,800.00					\$ 2,400.00
AWWA National Conference	Registration June 11-14 2023 (Toronto, Canada) x 3	\$5,400.00					\$ 4,200.00
HRWA Conference	May TBA 2023 (Hawai'i Island) x 6						\$ 2,400.00
Project WET Conference	Registration - August 8-11, 2022 (Spokane, WA) x 1						\$ 475.00
WaterSmart Innovations Conference & Expo	Registration Oct, 2022 (dates/location tba) x 1						\$ 400.00
Gov't Social Media Conference	Registration - March 2023 (dates/location tba) x 1						\$ 895.00
Wahine Forum Conference	October 26-27, 2022 (Honolulu, HI) x 4						\$ 1,000.00
IPMA-HR Conference							
IMLA Conference	October 19-23 2022 (Portland, OR) x 1						\$ 500.00

General Expenses - Admin

TOTAL:	WU/Admin/Admin/Registration and Meeting Expense - Board	\$7,609	\$301	\$2,000	\$559	\$6,175
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual YTD as of 2/28/22	FY2022-2023 Proposed Budget
AWWA National Conference	Registration & Course Materials X 3 San Antonio, TX) (June 12-15, 2022) (\$900 X 2)					\$2,775.00
AWWA Hawaii HWEA Pacific Water Conference	Registration & Course Materials X 4 (Honolulu, HI) (Date TBA Feb 2022) (\$550 X 2)					\$1,100.00
HWWA Hawai'i Section Conference	Registration & Course Materials (Maui, HI) (Date TBA Nov 2021) (\$500 X 2)					\$1,100.00
Meals	Board Meetings			\$1,500		\$1,000
Drinks and supplies	Board Meetings			\$500		\$200

General Expenses - Admin

TOTAL:	WU/Admin/Capital Outlay - Rehab and Replace/Misc. Capital Purchases	57,789	0	\$0.0	\$0.0	0
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual YTD	FY2022-2023 Proposed Budget
Air Conditioning	Microlab Server Room (replace)					
SUV 4DR 4Wh Dr	Replace CK 2478, assigned vehicles for the Manager Chief Engineer					-

Information Technology Division

Program Budget - FY 2022 – 2023

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:

Consolidation efforts for budgeting and coordination have continued with this budget. All computers and computer programs will be included in the IT budget for transparency. In addition to traditional expenditures, the IT budget will include security expenditures, cybersecurity items and emergency communication abilities

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

General Expenses - I.T.

Account	Description	FY 2019- 2020 YTD Actual	FY 2020- 2021 Actual	FY 2021-2022 Budget	FY 2021- 2022 YTD Actual as of 2/28/22	FY 2022-2023 Proposed Budget
Water Utility Fund						
10-02-10-540-010	WU/IT/Admin/ Professional Services	\$ 526,502	\$ 729,917	65,000	29,114	565,000
10-02-10-543-000	WU/IT/Admin/Communication Services	\$ 74,341	\$ 108,046	\$ 91,696	\$ 62,285	\$ 87,828
10-02-50-543-000	WU/IT/Power/Pump/Communication Services	\$ 43,270	\$ 16,727	\$ 47,084	\$ 12,455	\$ 57,484
10-02-10-544-000	WU/IT/Admin/Freight and Postage Services	\$ -	\$ 1,000	\$ -	\$ 248	\$ -
10-02-10-545-000	WU/IT/Admin/Rentals and Leases	\$ 22,380	\$ 18,376	\$ 33,200	\$ 30,875	\$ 36,500
10-02-10-561-000	WU/IT/Admin/Repairs and Maintenance - Other than Water System	\$ 386,466	\$ 233,733	\$ 547,100	\$ 133,337	\$ 778,989
10-02-10-563-000	WU/IT/Admin/Operating Supplies	\$ 32,279	\$ 78,158	\$ 58,000	\$ 29,920	\$ 53,000
10-02-10-570-010	WU/IT/Admin/Books, Publications, Subscriptions, and Memberships	\$ 962	\$ 12,178	\$ 500	\$ -	\$ 500
10-02-10-571-010	WU/IT/Admin/Training and Development	\$ 1,806	\$ 39	\$ 2,000	\$ 626	\$ 6,600
10-02-10-572-010	WU/IT/Admin/Travel and Per Diem	\$ -	\$ -	\$ -	\$ -	\$ 29,100
10-02-10-573-010	WU/IT/Admin/Meeting Expense	\$ -	\$ -	\$ -	\$ -	\$ 4,000
	OPERATING EXPENSES	\$ 1,088,005	\$ 1,198,174	\$ 844,580	\$ 298,860	\$ 1,619,001
10-02-00-604-999	WU/IT/Capital Outlay - Rehabilitation and Replacement/Misc. Capital Purchases	\$ 126,578	\$ 46,325	\$ 179,000	\$ 10,900	\$ 670,000
10-02-00-605-999	WU/IT/Capital Outlay - Expansion/Misc. Capital Purchases	\$ 32,499	\$ 50,980	\$ 120,000	\$ 41,988	\$ 822,000
	SUMMARY OF CAPITAL PURCHASES	\$ 159,078	\$ 97,305	\$ 299,000	\$ 52,888	\$ 1,492,000
	SUMMARY OF OPERATING EXPENSES	\$ 1,088,005	\$ 1,198,174	\$ 844,580	\$ 298,860	\$ 1,615,001
	SUMMARY OF CAPITAL PURCHASES	\$ 159,078	\$ 97,305	\$ 299,000	\$ 52,888	\$ 1,492,000
	OPERATING EXPENSES PLUS CAPITAL OUTLAY	\$ 1,247,083	\$ 1,295,479	\$ 1,143,580	\$ 351,748	\$ 3,107,001

TOTAL: WU/IT/Admin/ Professional Services \$526,502 \$729,917 \$65,000 \$29,114 \$565,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 -2022 Budget	FY 2021 - 2022 Actual YTD as of 2/28/22	FY 2022 -2023 Budget
As-Needed Technical Support				\$30,000		\$150,000
IT Strategic Plan - Project Management				\$20,000		
Network Security Maintenance				\$15,000		\$75,000
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
IT Strategic Plan - Review & Align Billing System Configuration	IT Strategic Plan - Review & Align Billing System Configuration					\$150,000
Evaluate- Replacement Asset Management System	Evaluate/Select Software, i.e. MPET					\$10,000
Website Replacement	Develop DOW website					\$30,000

TOTAL: WU/IT/Admin/Communication Services \$74,341 \$108,046 \$91,696 \$62,285 \$87,828

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 -2022 Budget	FY 2021 - 2022 Actual YTD as of 2/28/22	FY 2022 -2023 Budget
Frame Relay (128K)	Monthly charge of 225 x 12			\$2,700		\$2,835
Frame Relay (56K)	Monthly charge of 115 x 12			\$1,380		\$1,449
Main Telephone Lines	Monthly charge of 450 x 12			\$5,400		\$5,670
Bandwidth	Monthly charge of 2500 x 12			\$30,000		\$31,500
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		\$3,969
Ops Fax Line; Microlab Fire Alarm; Fax Machine	Monthly 150 x 12 months			\$1,800		\$1,890
Fax for New Building - 1st Floor Office	Monthly 50 x 12 months			\$600		\$630
Fire Alarm 2 Lines - Ops	Monthly 90 x 12 months			\$1,080		\$1,134
Frame Relay (AS400)	Monthly charge of 115 x 12			\$1,380		\$1,449
Internet Connection	Monthly charge of 600 x 12 (RR)			\$7,200		\$7,560
Lavanet	Monthly charge of 50 x 12			\$600		\$630
Long Distance Charges	Monthly 120 x 12 months			\$1,440		\$1,512
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		\$27,600
Unanticipated Costs	increased costs in surcharges & taxes			\$2,000		
DOW hotspot - combined with Internet Connection	Monthly 200 X 12 (HOTSPOT For Employees to connect their personal devices to)					
Fax for Administration	Monthly 50 x 3 months					
Fax for Main Office	Monthly 50 x 3 months					
Microlab Fire Alarm	Monthly 150 x 12 months					
Office Alarm Circuit	Monthly 100 x 12 months					
Elevator Phone - New Building	Monthly 50 x 12 months					
Fire Alarm - New Building	Monthly 50 x 12 months					

TOTAL: WU/IT/Admin/Rentals and Leases

\$22,380

\$18,376

\$33,200

\$30,875

\$36,500

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 -2022 Budget	FY 2021 - 2022 Actual YTD as of 2/28/22	FY 2022 -2023 Budget
Copier Leases	Copiers/Printers			30,000		32,500
Copier usage fees	Xerox and Ricoh					1,000
Postage Machine/Scale Feeder				\$3,000		\$3,000
Safe Deposit Box				\$200		

TOTAL: WU/IT/Admin/Repairs and Maintenance - Other than Water System \$386,466 \$233,773 \$547,100 \$133,337 \$778,989

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 -2022 Budget	FY 2021 - 2022 Actual YTD as of 2/28/22	FY 2022 -2023 Budget
CCnB	CC&B Cloud Hosting	\$ -		\$250,000		\$250,000
Anti-Virus	CDW 299? @ \$130.39/yr			\$50,000	\$38,987	\$75,000
Project Management Software		\$ -		\$40,000		\$10,000
O365 Enterprise E3	CDW 120 @ \$23/mo			\$35,000	\$33,120	\$36,432
O365 ATP?	CDW 120 @ \$5/mo				\$7,200	\$7,920
Conf O365	CDW 20 @ \$4/mo				\$960	\$1,056
Customer Care & Billing License	Kauai License (Billing)	\$ -		\$30,000		\$50,000
Dell Maintenance	Extension of Yearly Server Maintenance			\$24,000		\$24,000
ESRI	DOW supplement payment to County for use of ESRI (Engineering)			\$17,500		\$18,000
MPET/MMIS	Operations			\$20,000		\$22,000
Adobe Subscription	Annual Subscription Renewals			\$13,000		\$0
Adobe Acrobat DC	SHI 40 @ \$175.03				\$7,001	\$9,650
Adobe Photoshop	SHI 1 @ \$375.52				\$376	\$425
Adobe Creative Cloud	SHI 1 @ \$883.8				\$884	\$1,000
VoIP Phone	Hawaian Tel			\$13,000		\$13,000
MS Great Plains Dynamics 365	Accounting - license, upgrade and support			\$10,000		\$45,000
OCE Printer/Scanner	Engineering			\$9,000		\$9,000
Innovyze	Engineering	\$ -		\$5,000		\$9,500
Cloud Backup - Rapid Recovery	Admin			\$5,000		\$5,000
Fire Suppression Systems	Admin-Fenwall FM-200 Fire Suppression System			\$3,000		\$3,000
Firewall	Admin			\$3,000		\$3,000
BlueBeam	Engineering - 6 additional licenses			\$2,600		\$3,332
Bluebeam Revu eXtreme - ENG	SHI 4 @ \$555.30 perpetual				\$2,221	\$2,443
AutoCAD	Engineerng- 2 licenses			\$2,000		\$2,000
Splashtop	Admin - IT inhouse support			\$2,000		\$2,000
Swift Comply - XC2	Engineering			\$1,500		\$2,000
SSL Certificate	Admin			\$1,000		\$1,000
Team	Admin/IT			\$500		\$500
AMR Software/Trimble Handhelds (Badger)	Handhelds for Meter Readers					\$3,000
Cyberlock	Cloud Hosting					\$1,300
Beacon Subscription Fee	Subscription Fee for AMI Meters (\$0.89 per meter per month) For MK16 (in Billing)	\$ -				
Busch Consulting - Hours	firewall block of hours	\$ -				\$0
Citrix (Go to Assist/Meeting)						\$0
Egnyte						\$0
Go Exchange						\$0
Great Plains	Accounting -Maintenance & Support - Upgrade			\$10,000		\$10,000
SCADA System Integrator Consulting and Maintenance Contract (Annually)	Outside services - Islandwide SCADA control system remote site maintenance.					\$150,000
Paramount	Maintenance & Support					\$4,500
Zoom	Annual License maintenance (10)					\$505
Veritas Backup Exec Silver - SCADA	SHI 1854.12				\$1,854	\$2,040
Visio	CDW 7 @ \$15/mo				\$360	\$1,386

TOTAL: WU/IT/Admin/Books, Publications, Subscriptions, and Memberships **\$962 \$12,178 \$500 \$0 \$500**

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 -2022 Budget	FY 2021 - 2022 Actual YTD as of 2/28/22	FY 2022 -2023 Budget
Books/Magazines/Subscriptions	Computer Books and Magazines			500		500
Office 365 Subscription	\$25 per month per user (100user *20 per month * 12 months)			\$0		\$0
Adobe Subscription	Acrobat, PhotoShop, Adobe sign			\$0		\$0
Beacon Subscription Fee	Subscription Fee for AMI Meters (\$0.89 per meter per month) For MK16			\$0		\$0
				\$0		

TOTAL: WU/IT/Capital Outlay - Rehabilitation and Replacement/Misc. Capital Purchases **\$126,578** **\$46,325** **\$179,000** **\$10,900** **\$670,000**

Line Item	Notes	FY 2019 - 2020 YTD Actual	FY 2020 - 2021 Actual	FY 2021-2022 Proposed Budget	FY 2021 - 2022 Actual YTD as of 2/28/22	FY 2022 -2023 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			\$15,000		\$0
Purchase of New/Replacement Computer	Replacement of WS/Servers, batteries			\$90,000		\$90,000
	Servers					\$200,000
	Switches					\$60,000
	Routers					\$15,000
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.			\$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			\$20,000		\$10,000
Audio Equipment	Replacement of Board Recording System					
Phone System	Upgrade phone system			\$50,000		\$25,000
Security Camera Replacment	baseyard replacement x 12, server for 45 cam			\$4,000		\$200,000
	Admin employee safety: consult, cameras, mount					\$70,000
Computer Purchase	replacement computers					

TOTAL: WU/IT/Capital Outlay - Expansion/Misc. Capital Purchases **\$32,499** **\$50,980** **\$120,000** **\$41,988** **\$822,000**

Line Item	Notes	FY 2019 - 2020 YTD Actual	FY 2020 - 2021 Actual	FY 2021-2022 Proposed Budget	FY 2021 - 2022 Actual YTD as of 2/28/22	FY 2022 -2023 Budget
Develop Web based GIS viewer and mapping layers	Develop GIS Technologies and Process			50,000		-
Purchase of New Computers/Servers/Storage	New purchases; batteries/surge protection devices			\$20,000		\$45,000
Customized Search Feature for SharePoint						
800 Mhz Radios	Emergency Communication Equipment					
CMDP Federal/State Reporting System	This holds all internal and compliance data, allows field samplers to enter field measurements, generates various reports, houses QC data and as of recently, transfers compliance data into CMDP via Web Services.			\$20,000		\$20,000
Website Replacement	Develop DOW website			\$30,000		\$0
New Billing System	Implementation of a New Customer Information System (CIS) for Billing & Collection.					\$750,000
Trimble						\$7,000

Engineering Division

Program Budget – FY 2022-2023

Program Description

The Engineering Division is responsible for the planning, design, construction oversight, water quality 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 and water quality 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 and water quality 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 2021-2022 the Division 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 launched the professional services contract to update its Water Systems Investment Plan (Long-Range Infrastructure Improvement and Maintenance 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 21-22. 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 initiated and provided construction oversight of Department (CIP/CRP) and private development projects.

The Division initiated and continued water quality monitoring program to ensure compliance with the Safe Drinking Water Act.

The Division continues to recruit to fill staff vacancies.

PROGRAM MEASURES	FY 2020-2021 (actual)	FY 2021-2022 (estimate)	FY 2022-2023 (estimated)
Planning			
1. Processed subdivision applications, zoning/use permits, land use/general plan amendment, ADU clearance applications	133	122	125
2. Processed water service inquires, meter requests	229	150	175
3. Processed building permits	1,804	1,700	1,800
4. Back Flow Inspection Program – No. of Devices	1927	2,250	2,500
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	on-going	on-going
Design			
1. DOW Projects	10	12	14
2. Private Development Projects	104	100	110
Construction			
1. DOW Projects	5	5	7
2. Private Development Projects	51	55	65

PROGRAM MEASURES	FY 2020-2021 (actual)	FY 2021-2022 (estimate)	FY 2022-2023 (estimated)
Water Quality			
1. Microbiological Samples	1400	1500	1500
2. Lead and Copper Samples	50	50	60
3. Water Quality Compliance	50	50	60

General Expenses - Engineering

Account	Description	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 YTD Actual	FY 2022-2023 Proposed Budget
Engineering	Operating Expenses						
10-20-10-540-010	WU/Eng/Admin/Professional Services	\$ 445,056	\$ 665,000	\$ 202,018	\$ 2,880,000	\$ 296,526	\$ 1,895,000
10-21-10-540-010	WU/Const/Admin/Professional Services - General	\$ 530,630	\$ 50,000	\$ 263,179	\$ 1,000,000	\$ 256,658	\$ -
10-22-10-540-010	WU/Plan/Admin/Professional Services	\$ 430,041	\$ 1,785,000	\$ 6,240	\$ 1,635,000	\$ 150,800	\$ -
10-20-10-544-000	WU/Eng/Admin/Freight and Postage Services					\$ -	\$ 3,000
10-20-10-561-000	WU/Eng/Admin/Repairs & Maintenance - Other than Water System					\$ -	\$ 5,000
10-21-10-561-000	WU/Const/Admin/Repairs & Maintenance - Other than Water System	\$ -	\$ 40,000	\$ 29,400	\$ -	\$ -	\$ -
10-22-10-561-000	WU/Plan/Admin/Professional Services	\$ -	\$ 6,500	\$ -	\$ -	\$ -	\$ -
10-20-10-563-000	WU/Eng/Admin/Operating Supplies	\$ -	\$ -	\$ -	\$ -	\$ 169	\$ 26,000
10-21-10-563-000	WU/Const/Admin/Operating Supplies	\$ 1,637	\$ 4,500	\$ 1,529	\$ 4,500	\$ 2,028	\$ -
10-22-10-563-000	WU/Plan/Admin/Operating Supplies	\$ 162	\$ 500	\$ 1,117	\$ 1,000	\$ -	\$ -
10-20-10-570-010	WU/Eng/Admin/Books, Publications, Subscriptions, and Memberships	\$ -	\$ -	\$ -	\$ 5,000	\$ -	\$ 5,000
10-21-10-570-010	WU/Const/Admin/Books, Publications, Subscriptions, and Memberships	\$ 775	\$ 1,550	\$ 685	\$ 850	\$ 12	\$ -
10-22-10-570-010	WU/Plan/Admin/Books, Publications, Subscriptions, and Memberships (N	\$ -	\$ 3,400	\$ -	\$ 3,900	\$ 1,291	\$ -
10-20-10-571-010	WU/Eng/Admin/Training and Development	\$ 375	\$ -	\$ -	\$ -	\$ -	\$ 26,000
10-21-10-571-010	WU/Const/Admin/Training and Development	\$ 1,639	\$ 6,250	\$ -	\$ 3,300	\$ -	\$ -
10-22-10-571-010	WU/Plan/Admin/Training and Development	\$ 1,100	\$ 16,000	\$ -	\$ 18,000	\$ 1,824	\$ -
10-20-10-572-010	WU/Eng/Admin/Travel and Per Diem	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 65,250
10-21-10-572-010	WU/Const/Admin/Travel and Per Diem	\$ 2,195	\$ -	\$ -	\$ -	\$ -	\$ -
10-22-10-572-010	WU/Plan/Admin/Travel & Per Diem	\$ 5,888	\$ -	\$ -	\$ -	\$ -	\$ -
10-20-10-573-010	WU/Eng/Admin/Meeting Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,000
10-21-10-573-010	WU/Const/Admin/Meeting Expense	\$ 2,200	\$ -	\$ -	\$ -	\$ -	\$ -
10-22-10-573-010	WU/Plan/Admin/Meeting Expense (NEW)	\$ 880	\$ -	\$ -	\$ 4,500	\$ -	\$ -
	SUMMARY OF OPERATING EXPENSES	\$ 1,405,726.75	\$ 2,546,500.00	\$ 500,837.20	\$ 5,515,000.00	\$ 709,307.11	\$ 2,041,250.00
10-20-00-604-999	WU/Eng/Admin/Capital Outlay - R & R/Misc. Capital Purchases	\$ -		\$ -	\$ -	\$ 143	\$ 20,000
10-20-00-605-999	WU/Eng/Admin/Capital Outlay - Exp/Misc. Capital Purchases	\$ -		\$ -	\$ -	\$ -	\$ 35,000
10-21-00-604-999	WU/Const/Admin/Misc. Capital Outlay - R & R	\$ -	\$ 10,000	\$ -	\$ 10,000	\$ -	\$ -
10-21-00-605-999	WU/Const/Admin/Misc. Capital Outlay - Expansion	\$ -	\$ 10,000	\$ -	\$ 10,000	\$ -	\$ -
	Miscellaneous Capital Purchases	\$ -	\$ 20,000.00	\$ -	\$ 20,000.00	\$ 143.00	\$ 55,000.00
	ENGINEERING TOTAL - OPERATING & MISCELLANEOUS CAPITAL EXPENSES	\$ 1,405,726.75	\$ 2,566,500.00	\$ 500,837.20	\$ 5,535,000.00	\$ 709,450.11	\$ 2,096,250.00

General Expenses - Engineering

	WU/Eng/Admin/Professional Services	\$445,056	\$202,018	\$2,880,000	\$296,526	\$1,895,000
Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Actual	FY 2022 - 2023 Budget
Kauai Watershed Alliance	Renewal of Annual Request			\$250,000		\$250,000
USGS Ground Monitoring Program	Renewal - Joint Funding Agreement (KDOW - USGS) Ground-Monitoring Program			\$45,000		\$45,000
Water Use and Development Plan Update	Job WRP 01, Contract 535, Contract Amount: \$514,000.00 (Encumbured)					
Hydraulic Model Update	Updating and Calibrating the existing hydraulic model			\$300,000		
WP 2040	Assist DOW to create WP 2040			\$1,040,000		
Title searches	title searches, as needed	\$0	\$0	\$25,000		\$25,000
Kukuioolono 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
PER, EA	Develop Kapaa Well No. 4 site improvements (production well)	**	**	\$100,000		\$100,000
Preliminary Engineering Report	Baseyard MP Ph 1					
PER, Testing Report	Wailua Homesteads Well - Granulated Activated Carbon (GAC)					
PER, Soil investigation, EA	UH Experiment Station Tank	^^	^^	\$50,000		\$50,000
Surveying	As-needed surveying services			\$20,000		\$50,000
Construction Support and Construction Management Services	As-Needed contract for Construction Support (CS) and/or Construction Management (CM) to supplement Department staff for project inspection, oversight and management.		\$263,179.20	\$1,000,000		\$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			
Water sample testing services (Contract Lab Services)	EPA mandated compliance testing					\$20,000
SDWA Testing - Phase 2/5	EPA mandated compliance monitoring					\$40,000
SDWA Testing - Miscellaneous	EPA mandated compliance monitoring					\$5,000
Well Testing	EPA and DOH mandated					\$10,000
GIS Mapping Update	As needed services to map new water system					\$250,000
STOP -- Correct Sum at top if there are more than 40 line items						
** \$1,576 used for 1st amend for Island Wide Vulnerability Assessment in Dec 2019 (ERP)						
** additional \$66,716.92 proposed to be used (Jan 2020) for buiding permit plans for Ops temp offices						
^^ funds used for the 1st amend for the Island Wide Vulnerability Assessment in Dec 2019 (ERP)						

TOTAL: WU/Const/Admin/Professional Services - **\$530,630** **\$263,179** **\$1,000,000** **\$232,573** **\$0**
 General

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Actual	FY 2022 - 2023 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.		\$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			

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TOTAL: WU/Plan/Admin/Professional Services

\$430,041

\$112,480

\$1,635,000

\$150,800

\$0

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual	FY 2022-2023 Budget
Kauai Watershed Alliance	Renewal of Annual Request			\$250,000		
USGS Ground Monitoring Program	Renewal - Joint Funding Agreement (KDOW - USGS) Ground-Monitoring Program			\$45,000		
Water Use and Development Plan Update	Job WRP 01, Contract 535, Contract Amount: \$514,000.00 (Encumbured)					
Hydraulic Model Update	Updating and Calibrating the existing hydraulic model			\$300,000		
WP 2040	Assist DOW to create WP 2040			\$1,040,000		
As Needed Services	As Needed Services - Planning Review					

Note:

TOTAL: WU/Const/Admin/Operating Supplies

\$1,637

\$1,529

\$4,500

\$1,981

\$0

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Actual	FY 2022 - 2023 Budget
Safety Equipment	Annual replacement of steel toe boots, hard hats, safety vests, ear protection, office workstation ergonomics, etc.					
Field Equipment	As Needed Field Equipment (e.g. misc tools, field tablet, etc.)					
Equipment & Supplies	Annual replacement of steel toe boots, hard hats, safety vests, ear protection, office workstation ergonomics, etc. As Needed Field Equipment (e.g. misc tools, field tablet, etc.) an supplies		\$1,529.38	\$4,500		

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

TOTAL: WU/Const/Admin/Books, Publications, Subscriptions, and Memberships **\$775** **\$685** **\$850** **\$12** **\$0**

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Actual	FY 2022 - 2023 Budget
Reference Materials	Annually purchase reference materials as needed such as ACI manuals, Project Management manuals/literature, etc.	\$0	\$0		\$0	
Contractors Association of Kauai (DOW - Dustin is representative)	We have been a member since 2012. This is an annual fee.	\$775.00	\$685.00	\$850		
American Waterworks Association (Dustin)	AWWA membership.					

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

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Actual	FY 2022 - 2023 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.	\$1,639	\$0	\$2,000		
Misc. Workshops for CM Staff	Annually attend on-island workshops through various agencies as they come up throughout year. T	\$0	\$0	\$1,300		
Abatement training	Asbestos pipe and lead abatement					

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TOTAL: WU/Plan/Admin/Training and Development

\$1,100

\$18,653

\$18,000

\$1,824

\$0

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual	FY 2022-2023 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.			\$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).			\$2,000		
Innovyze InfoWater subscription Renewal	Hydraulic Model (Innovyze) Maintenance and Support renewal.					
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.					
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.					

TOTAL: **WU/Eng/Admin/Travel and Per Diem** \$0 \$0 \$0 \$0 65,250

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Actual	FY 2022 - 2023 Budget
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)					3,750.00
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)					8,500.00
AWWA Water Infrastructure Conference	Travel accommodations and per diem for two (2) staff members to attend the AWWA Water Infrastructure Conference. (Estimate: air fare \$2000, lodging & ground transportation \$4000, per diem \$2500)					8,500.00
AWWA Water Quality Technology Conference	Travel accommodations and per diem for two (2) staff members to attend the AWWA Water Quality Technology Conference. (Estimate: air fare \$2000, lodging & ground transportation \$4000, per diem \$2500)					8,500.00
Conference/Training - Various	Travel accommodations and per diem for eight (8) staff member trips to attend off island training & meetings. (Estimate: air fare \$1750, lodging & ground transportation \$2500, per diem \$1500).					5,750.00
DBIA - Design-Build Water/Wastewater Conference	Travel accommodations and per diem for two (2) staff members to attend the DBIA Design-Build Water/Wastewater Conference. (Estimate: air fare \$2000, lodging & ground transportation \$3500, per diem \$2000)					7,500.00
ESRI User Conference	Travel accommodations and per diem for two (2) staff member to attend the annual ESRI User Conference. (Estimate: air fare \$2000, lodging & ground transportation \$4000, per diem \$2500)					8,500.00
ESRI Water GIS Conference	Travel accommodations and per diem for two (2) staff members to attend the annual ESRI Water Utilities Conference. (Estimate: air fare \$2000, lodging & ground transportation \$4000, per diem \$2500)					8,500.00
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)					5,750.00

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

\$5,888

\$0

\$0

\$0

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual	FY 2022-2023 Budget
ESRI User Conference	Travel accomodations 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)			\$0		
ESRI Water Conference	Travel accomodations 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		
American Backflow Prevention Association Conference	Travel accomodations and per diem for one (1) staff member to attend the American Backflow Prevention Association Conference. (Estimate: air fare \$1000, lodging & ground transporation \$1750, per diem \$1000)			\$0		
Hydraulic Modelers Committee	Travel accomodations 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 transporation \$2500, per diem \$1500)			\$0		
Conference/Training - Various	Travel accomodations and per diem for seven (7) staff member trips to attend off island training & meetings. (Estimate: air fare \$1550, lodging & ground transporation \$2200, per diem \$1350).			\$0		
American Planning Association Conference	Travel accomodations and per diem for two (2) staff members to attend the American Planning Association Conference. (Estimate: air fare \$2000, lodging & ground transporation \$4000, per diem \$2500)			\$0		\$0

General Expenses - Engineering

TOTAL: WU/Eng/Admin/Meeting Expense		\$0		\$0	\$0	\$16,000
Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Actual	FY 2022 - 2023 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.					\$700
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.					\$1,750
AWWA Water Infrastructure Conference	Registration for two (2) staff members to attend the AWWA Water Infrastructure Conference (WIC). The AWWA WIC conference includes, water infrastructure area continuing education, focused water infrastructure utility classes and training and professional networking with industry professionals to assist with the professional development of water utility staff and supervisors. Attendees will learn & understand updates and advancements in water infrastructure research and best practices to continue to advance the Department's infrastructure research, compliance and outreach program.					\$1,750
AWWA Water Quality Technology Conference	Registration for two (2) staff members to attend the AWWA Water Quality Technology Conference (WQTC). The AWWA WQTC conference includes, water quality area continuing education, focused water quality utility classes and training and professional networking with industry professionals to assist with the professional development of water quality staff and supervisors. Attendees will learn & understand updates and advancements in water quality research and best practices to continue to advance the Department's water quality research, compliance and outreach program.					\$1,750
Conference/Training Registration - Various	Registration fees for staff to attend various on-island and off-island professional development training, certification and conferences.					\$3,000
DBIA - Design-Build Water/Wastewater Conference	Registration for two (2) staff members to attend the DBIA Design-Build Water/Wastewater Conference (DBWWC). The DBWWC includes, water design-build continuing education, focused water design-build classes and training and professional networking with industry professionals to assist with the professional development of water utility staff and supervisors. Attendees will learn & understand updates and advancements in water design-build methods and best practices to continue to advance the Department's infrastructure implementation program.					\$1,750
ESRI User Conference	Registration for two (2) 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.					\$3,800
ESRI Water GIS Conference	Registration for two (2) staff members 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.					\$1,500
FY 22-23 budget	10-20-10-573-010					

TOTAL: WU/Const/Admin/Meeting Expense

\$2,200

\$0

\$0

\$0

\$0

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Actual	FY 2022 - 2023 Budget
Conference fees and registrations (non AWWA/HWWA)	Would like to send CM Staff to water related construction project management/inspection trainings off-island should beneficial conferences or webinars be available.	\$2,200.00		\$0		\$0

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TOTAL: WU/Plan/Admin/Registration Expenses

\$880

\$4,500

\$0

\$0

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual	FY 2022-2023 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		
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.			\$1,000		
Conference/Training - Various - Registration	Registration fees for staff to attend various on-island and off-island professional development training and webinars.			\$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.			\$1,200		
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.			\$650		

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

TOTAL: WU/Eng/Admin/Misc. Capital Outlay - R&R		\$0	\$10,000	\$4,233	\$8,000	\$0	\$20,000
Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Actual	FY 2022 - 2023 Budget
10-20-00-604-999	Permit fees and project related start-up fees	\$ -	\$ 10,000.00	\$ 4,233.00	\$ 8,000.00		\$ 20,000.00

TOTAL: WU/Eng/Admin/Capital Outlay - Expansion/Capital Purchases **\$0** **\$10,000** **\$0** **\$10,000** **\$0** **\$35,000**

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Budget	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Actual	FY 2022 - 2023 Budget
10-20-00-605-999	Permit fees and project related start-up fees	\$ -	\$ 10,000	\$ -	\$ 10,000		\$ 10,000
10-20-40-605-999	Microbiological Laboratory Equipment: LuminUltra Q-16 Real Time qPCR Equipment (Non-compliance real time microbiological sampling equipment)						\$ 20,000
10-20-00-605-999	Microbiology field sampling station						\$ 5,000

Account	Description	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 YTD Actual	FY 2022-2023 Proposed Budget
Engineering Services CAPITAL OUTLAY - CIP						
Water Utility Fund						
10-20-00-604-000	WU/Eng/Capital Outlay - R&R	\$ 166,636	\$ 52,985	\$ -	\$ 26,871	\$ 2,100,000
10-20-00-605-000	WU/Eng/Admin/Capital Outlay - Expansion/Capital Purchases	\$ -	\$ -	\$ 200,000	\$ -	\$ -
10-21-00-604-000	WU/Const/Capital Outlay - R&R/Capital Projects	\$ 860,742	\$ 2,661,668	\$ 2,500,000	\$ -	\$ 7,300,000
10-21-00-605-000	WU/Cons/Capital Outlay - Expansion/Capital Projects	\$ 2,086,793	\$ -	\$ -	\$ -	\$ -
	Water Utility Fund - Capital Outlay	\$ 3,114,170	\$ 2,714,653	\$ 2,700,000	\$ 26,871	\$ 9,400,000
FRC Fund						
20-20-00-605-000	FRC/Eng/Capital Outlay - Expansion	\$ 31,033	\$ -	\$ 860,000	\$ -	\$ 1,400,000
20-21-00-605-000	FRC/Cons/Capital Outlay - Expansion	\$ 268,228	\$ -	\$ 2,900,000	\$ -	\$ 3,000,000
	FRC Fund - Capital Outlay	\$ 299,261	\$ -	\$ 3,760,000	\$ -	\$ 4,400,000
30-20-00-604-000	BAB/Eng/Capital Outlay - R&R	\$ 67,911	\$ -	\$ -	\$ 5,326	\$ -
30-20-00-605-000	BAB/Eng/Capital Outlay - Expansion	\$ -	\$ -	\$ -	\$ -	\$ -
30-21-00-604-000	BAB/Const/Capital Outlay - R&R/Capital Projects	\$ 44,514	\$ -	\$ -	\$ -	\$ -
30-21-00-605-000	BAB/Const/Capital Outlay - Expansion/Capital Projects	\$ 588,360	\$ 43,250	\$ 7,000,000	\$ -	\$ 6,850,000
	BAB Fund - Capital Outlay	\$ 700,785	\$ 43,250	\$ 7,000,000	\$ 5,326	\$ 6,850,000
40-20-00-604-000	Grants/Eng/Capital Outlay - R&R	\$ -	\$ -	\$ 2,600,000	\$ -	\$ -
40-21-00-605-000	Grants/Const/Capital Outlay - Expansion	\$ -	\$ -	\$ 14,700,000	\$ -	\$ 9,850,000
	Grant Fund - Capital Outlay	\$ -	\$ -	\$ 17,300,000	\$ -	\$ 9,850,000
60-21-00-604-000	SRF/Const/Capital Outlay - R&R	\$ -	\$ -	\$ 14,300,000	\$ -	\$ 13,000,000
	SRF Fund - Capital Outlay	\$ -	\$ -	\$ 14,300,000	\$ -	\$ 13,000,000
	Water Utility Fund - Capital Outlay/CIP	\$ 3,114,170	\$ 2,714,653	\$ 2,700,000	\$ 26,871	\$ 9,400,000
	FRC Fund/Capital Outlay/CIP	\$ 299,261	\$ -	\$ 3,760,000	\$ -	\$ 4,400,000
	BAB Fund/Capital Outlay/CIP	\$ 700,785	\$ 43,250	\$ 7,000,000	\$ 5,326	\$ 6,850,000
	Grant Fund/Capital Outlay/CIP	\$ -	\$ -	\$ 17,300,000	\$ -	\$ 9,850,000
	SRF Fund/Capital Outlay/CIP	\$ -	\$ -	\$ 14,300,000	\$ -	\$ 13,000,000
	Capital Outlay Totals	\$ 4,114,216	\$ 2,757,903	\$ 45,060,000	\$ 32,197	\$ 43,500,000

5-Year Capital Plan (ENGR)

Project/Vehicle/Equipment	R&R	D/C	Funds	FY 23	FY24	FY25	FY26	FY 27
Rehabilitate Paua Valley Well #1, 0.5 MG Tank	R&R	C	WUF					
Drill & Develop Kapaa Homesteads Well 5	Exp	D	FRC	\$700,000				
Drill & Develop Kapaa Homesteads Well 5	Exp	C	BAB	\$2,600,000				
Drill & Develop Kapaa Homesteads Well 4	Exp	c	SAA	\$2,600,000				
Kapaia Cane Haul Road 18" Main	Exp	C	BAB	\$500,000				
Kilauea Wells 1 & 2, MCC, Chlorination Facilities - Design	R&R	D	WUF					
Kilauea Wells 1 & 2, MCC, Chlorination Facilities - Construction	R&R	C	WUF	\$300,000				
Kilauea Wells 1 & 2, MCC, Chlorination Facilities - Construction	R&R	c	SAA					
Kapaa Homesteads 313 Tank (1.0 MG) - Design	Exp	D	FRC					
Kapaa Homesteads 313 Tank (1.0 MG) - Construction	Exp	C	BAB	\$500,000	\$5,500,000			
Kapaa Homesteads 313 Tank (1.0 MG) - Construction	Exp	C	BAB	\$1,250,000				
Kapaa Homesteads 313 Tank (1.0 MG) - Construction	Exp	C	SAA	\$7,250,000				
Kalaheo `	R&R	C	WUF					
Kalaheo Water Sytem Improvements, Packages A, B & C	R&R	C	BAB					
Kalaheo Water Sytem Improvements, Packages A, B & C	R&R	C	SAA					
Kalaheo Water Sytem Improvements, Packages A, B & C	R&R	C	SRF	\$13,000,000				
Drill & Test Kilauea Well 3 - Construction	Exp	C	FRC	\$500,000	\$500,000			
Drill & Test Hanalei Well (2)?	Exp	D	FRC	\$200,000				
Drill & Test Hanalei Well	Exp	C	FRC		\$1,000,000			
Drill & Test Wainiha/Haena Well	Exp	D	FRC	\$200,000				
Drill & Test Wainiha/Haena Well	Exp	C	FRC		\$1,000,000			
Kuhio Highway (Hardy-Oxford) 16" Main Replacement (1,680')	R&R	D	WUF	\$100,000				
Kuhio Highway (Hardy-Oxford) 16" Main Replacement (1,680')	R&R	C	WUF		\$2,000,000	\$2,000,000		
U of H Experiment Station 605' Tank, 0.25 MG and 12" DI Pipeline (2,900')	Exp	D	FRC	\$300,000				
U of H Experiment Station 605' Tank, 0.25 MG and 12" DI Pipeline (2,900')	Exp	C	FRC		\$3,000,000	\$2,000,000		
Kilauea 466' Tank (1.0 MG)	Exp	C	FRC		3500000			
Kilauea 466' Tank (1.0 MG)	Exp	C	BAB	\$2,000,000				
Kuhio Highway (N. Papaloa - Kawaihau) 16" and 12" Main Replacement (10	R&R	D	WUF	\$500,000	300000			
Kuhio Highway (N. Papaloa - Kawaihau) 16" and 12" Main Replacement (10	R&R	C	WUF		500000	6500000	4000000	
Haena Construct 0.2 Mg Tank, 144'	Exp	C	FRC	\$2,500,000	\$3,000,000			
Kuamoo Road 8" Main Replacement (6,500')	R&R	D	WUF	\$200,000	\$200,000			
Kuamoo Road 8" Main Replacement (6,500')	r&R	C	WUF		\$500,000	\$3,000,000	\$2,000,000	
Rehabilitate Puupilo Steel Tank, 0.125 MG	r&R	D	WUF	\$250,000				
Rehabilitate Puupilo Steel Tank, 0.125 MG	R&R	C	WUF		\$2,000,000	\$2,000,000		

FY 22-23 budget

General Expenses - Engineering

Project/Vehicle/Equipment	R&R	D/C	Funds	FY 23	FY24	FY25	FY26	FY 27	
Hanapepe Town Well MCC, Chlorination Facilities	R&R	D	WUF	\$150,000					
Hanapepe Town Well MCC, Chlorination Facilities	R&R	C	WUF		\$2,000,000	\$2,000,000			
Construct Wailua Homestead 538 Tank, 1.0 MG	R&R	D	WUF	\$200,000	\$300,000				
Construct Wailua Homestead 538 Tank, 1.0 MG	R&R	C	WUF			\$2,000,000	\$3,500,000		
Hanamaulu 6" Main Replacement (13,500')	R&R	D	WUF		\$300,000	\$300,000			
Hanamaulu 6" Main Replacement (13,500')	R&R	C	WUF				\$5,000,000	\$6,000,000	
Koloa Road (Alalohe Pl - Pilo Rd) 8" Main Replacement (1,700')	R&R	D	WUF		\$150,000	\$200,000			
Koloa Road (Alalohe Pl - Pilo Rd) 8" Main Replacement (1,700')	R&R	C	WUF				\$2,000,000	\$2,500,000	
Lawai 6" and 8" Main Replacement (6,4000')	R&R	D	WUF		\$200,000	\$300,000			
Lawai 6" and 8" Main Replacement (6,4000')	R&R	C	WUF				\$3,000,000	\$3,500,000	
Weke, anae, Mahimahi and He's Roads 6" and 8" Main Replacement (2,760	R&R	D	WUF	\$100,000					
Weke, anae, Mahimahi and He's Roads 6" and 8" Main Replacement (2,760	R&R	C	WUF		\$2,500,000	\$1,500,000			
Kalaheo New Tank, 0.5 MG, 866'	R&R	D	WUF		\$300,000	\$300,000			
Kalaheo New Tank, 0.5 MG, 866'	R&R	C	WUF				\$2,000,000	\$3,500,000	
Kilohana Wells A, B, F & I Permanent Generator	R&R	D	WUF	\$100,000					
Kilohana Wells A, B, F & I Permanent Generator	R&R	C	WUF		\$1,000,000				
Kahuna Road 12" Main Replacement (9500')	R&R	D	WUF		\$200,000	\$300,000			
Kahuna Road 12" Main Replacement (9500')	R&R	C	WUF				\$4,000,000	\$4,500,000	
Hanalei 0.15 MG Tank, Abandoned Hanalei Tank	R&R	D	WUF			\$200,000			
Hanalei 0.15 MG Tank, Abandoned Hanalei Tank	R&R	C	WUF				\$1,000,000	\$3,000,000	
Puuopae/Opaekaa/Kalama/Kipapa Roads 8" Main Replacement (15,417')	R&R	D	WUF			\$400,000	\$400,000		
Puuopae/Opaekaa/Kalama/Kipapa Roads 8" Main Replacement (15,417')	R&R	C	WUF					\$8,000,000	
Kukuioolono Tank Demo	R&R	C	WUF						
AMI Meter Replacement	R&R	C	WUF	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000		
Hanapēpē Well dry access - stream crossing (needs EIS) or road from Awa	R&R	D	WUF	\$500,000					
Waimea - Faye house pipeline - on surface, needs repair replacemnt	R&R	D	WUF				\$300,000	\$2,000,000	
Replace Grove Farm Tanks #1 & #2 (tank @ \$7 M) + Well on tank site @ \$	R&R	C	WUF						
Tank Remediation and Repair	R&R	C	WUF	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	
GRAND TOTAL				\$179,650,000	\$43,500,000	\$36,950,000	\$30,000,000	\$34,200,000	\$35,000,000

Water Utility Fund (WUF) \$ 9,400,000
Grant \$ 9,850,000
BAB \$ 6,850,000
FRC \$ 4,400,000
SRF Loan \$ 13,000,000
TOTAL \$43,500,000

FY 22-23 budget

General Expenses - Engineering

TOTAL:	WU/Eng/AdminCapital Outlay - R&R	\$166,636	\$52,985	\$0	\$26,871	\$2,100,000
Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Actual	FY 2022 - 2023 Budget
10-20-00-604-001	KW-07 Paua Valley Tank Repair	\$ 5,618.10				
10-20-00-604-009	Hanapepe Stream Crossing	\$ -				\$ 500,000.00
10-20-00-604-146	Hanapepe-Eleele Connecting Pipeline HE-1 and HE-10 (RR 12%)	\$ 47,993.82	\$ 14,022.75			
10-20-00-604-147	WK-20, Rehabilitate Puupilo Steel Tank, 0.125 MG	\$ -				\$ 250,000.00
10-20-00-604-148	Kuhio Hwy (Hardy-Oxford) 16" Main replacement (R&R 56% of \$180K)	\$ 46,095.58	\$ 21,227.28		\$ 26,533.19	\$ 100,000.00
10-20-00-604-149	Kuhio Hwy (N. Papaloa to Waikaea Canal) Main Replacement (RR 56%)	\$ -				\$ 500,000.00
10-20-00-604-157	Kilauea Wells MCC rehab				\$ 338.00	
10-20-00-604-160	Job 18-02 Islandwide Rehabilitation of Tanks	\$ 66,928.20				
10-20-00-604-169	Baseyard MP Ph 1 (subject to state funding of \$.16M)		\$ 17,735.00			
10-20-00-604-xxx	WK-34, Kuamoo Road 8" Main Replacement (6,500')					\$200,000
10-20-00-604-xxx	HE-03aHanapepe Town Well MCC, Chlorination Facilities					\$150,000
10-20-00-604-010	WK-10,Construct Wailua Homestead 538 Tank, 1.0 MG					\$200,000
10-20-00-604-xxx	H-05Weke, anae, Mahimahi and He's Roads 6" and 8" Main Replacement (2,760')					\$100,000
10-20-00-604-xxx	PLH-12,Kilohana Wells A, B, F & I Permanent Generator					\$100,000

General Expenses - Engineering

TOTAL:		\$860,742	\$2,661,668	\$2,500,000	\$0	\$7,300,000
Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Actual	FY 2022 - 2023 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		\$0	\$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)	\$860,742	\$2,554,127			
10-21-00-604-001	Paua Valley Tank Repair	\$0	\$107,541			
10-21-00-604-157	Kilauea 1&2 MCC (Eng Est. \$4.5M)	\$0	\$0	\$400,000	\$0	\$300,000
10-21-00-604-167	Kukuiohono Tank Demo (Eng. Est. \$813K)	\$0	\$0	\$1,100,000	\$0	\$0
10-21-00-604-xxx	Manoa Stream WL Emergency Repairs			\$500,000		
10-21-00-604-xxx	Makaleha WL Emergency Repairs			\$500,000		
10-21-00-604-xxx	AMI Meter Replacement					\$5,000,000
10-21-00-604-xxx	Tank Remediation and Repair					\$2,000,000

TOTAL:	WU/Eng/AdminCapital Outlay - R&R	\$0	\$0	\$200,000	\$0	\$0
Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Actual	FY 2022 - 2023 Budget
10-20-00-605-117	UH Experimental Station Tank			\$ 200,000.00		\$ -
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)	\$ 2,086,793				
10-21-00-605-017	Kapaia Cane Haul Road 18" Main (98.55% Exp) \$3,241,350	\$ 268,228				
10-21-00-605-xxx	Haena 144" Tank (0.2MG)			\$ 2,500,000		
	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)					

TOTAL: WU/Capital Outlay - Expansion/Capital Projects - CM **\$2,086,793** **\$0** **\$0** **\$0** **\$0**

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Actual	FY 2022 - 2023 Budget
10-21-00-605-118	WU/Const/Capital Outlay/WK-39-Kapaa Homestead Well No. 4 (100% Expansion)	\$ -		\$ -		\$ -
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)	\$ 2,086,793				
10-21-00-605-120	WKK-15, Kilauea 466" (1.0 MG)					\$ -
	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:		\$31,033	\$0	\$860,000	\$0	\$1,400,000
Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Actual	FY 2022 - 2023 Budget
20-20-00-605-117	UH Experiment Station Tank			*		\$ 300,000
20-20-00-605-118	Develop Kapaa Well No. 4 site improvements (production well)	\$ 31,033		\$ 700,000		\$ 700,000
20-20-00-605-153	Haena 0.2 MG tank	\$ -	\$ -	\$ -	\$ -	
20-20-00-605-155	Wainiha Well #4 (EXP)			\$ 160,000		\$ 200,000
20-20-00-605-018	H-08, Drill & Test Hanalei Well					\$ 200,000

	* Specialty inspection					
	* 20-20-00-605-018 changed from \$60K to \$75K to reflect revised estimate.					
	**Anini waterline ph b (EXP 79%) budget lowered from \$73K to \$52K.based on ongoing negotiations					
	***PLH-28 PER were not budgeted for this FY budget; corresponding design is also changed to \$1.00 fund.					
	** Funding proposed dependent on when construction expected to start. Recertification and permit only good for one year.					

TOTAL:	FRC/Capital Outlay - Expansion/Capital Projects - CM	\$268,228	\$0	\$2,900,000	\$0	\$3,000,000
Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Actual	FY 2022 - 2023 Budget
20-21-00-605-017	Kapaia Cane Haul Road 18" Main (98.55% Exp) \$3,241,350	\$ 268,228				\$ -
20-21-00-605-155	WKK-02,Drill & Test Kilauea Well 3 - Construction			\$ 400,000		\$ 500,000
20-21-00-605-116	FRC/Const/Capital Outlay/WK-08-Kapaa Homestead 313' 1.0 MG Tank (Ornellas) (100% FRC)					\$ -
20-21-00-605-153	Haena 144" Tank (0.2MG)			\$ 2,500,000		\$ 2,500,000
10-21-00-605-120	WKK-15, Kilauea 466" (1.0 MG)					\$ -
20-21-00-605-161	<i>Hanapēpē River Bridge, Kaumuali'i Highway, Route 50, HI STP SR50 (I) Project, Hanapēpē, Kaua'i, Hawai'i</i>	\$0	\$0		\$0	
	02-06, WKK-15 - Construct Kilauea 466 Tank, 1.0MG, Puu Pane Well 3 (Expansion - 90%)			\$0		\$0
STOP -- Correct Sum at top if there are more than 400 line items						

TOTAL: State Appropriation Grant/Capital Outlay - Expansion **\$0** **\$0** **\$14,700,000** **\$0** **\$9,850,000**

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Actual	FY 2022 - 2023 Budget
40-21-00-605-029	State Approp. Grant/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			\$ 10,200,000		\$ -
40-21-00-605-116	State Approp. Grant/Const/Capital Outlay/WK-08-Kapaa Homesteads 313' 1.0MG Tank (Ornellas - 100% Exp.			\$ 4,500,000		\$ 7,250,000
40-21-00-605-118	WK-39, Drill & Develop Kapaa Homesteads Well #5					\$ 2,600,000

TOTAL: SRF/Capital Outlay - R&R/Capital Projects - CM **\$0** **\$0** **\$14,300,000** **\$0** **\$13,000,000**

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Actual	FY 2022 - 2023 Budget
60-21-00-604-XXX	AMI Meter Replacement			\$ 10,000,000		not ready for SRF
60-21-00-604-029	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			\$ 4,300,000		\$ 13,000,000

FISCAL DIVISION

PROGRAM BUDGET – FY 2022-2023

Program Description:

The Fiscal Division is directly involved in planning and directing the financial activities of the Department of Water and is responsible for administering the fiscal programs and customer activities of the Department including but not limited to: cash management, cost accounting, payroll, leave records, accounts payable, utility plant accounting, meter reading, consumer billing and accounting and; preparation of financial and statistical reports; conduct internal audits and facilitate financial and statistical studies of the Department for reports and rate making; prepare the financial statements for yearly audit and assists the Manager in the development of the department's annual budget.

Program Objectives:

Administration

1. To preserve the financial integrity of the Department through internal control and annual financial audits.
2. To oversee all fiscal activities, fiscal recording and reporting, the preparation of the financial statements and annual budgets.
3. To develop accounting policies and standard operating procedures.
4. To oversee supervision of accounting and billing staff, and monitor proper implementation of generally accepted accounting principles.
5. To generate a return of investments and to insure deposits with financial institutions are fully collateralized.
6. To manage the department's budget and ensuring the availability of funds to meet cash flow requirements.

Accounting

1. To provide accurate, complete, and timely recording and reporting of the financial transactions and activities of the Department.
2. To process the Department's payroll in a timely manner.
3. To process accounts payable and issue payments in a timely and efficient manner.
4. To ensure accountability of the Utility Plant Assets and Property.

Consumer Service

1. To perform daily meter reading of customer water usage.
2. Daily field activities for customer requests to turn on/turn off meters.
3. Assist customers with leak problems; perform customer meter profiles.
4. Provide timely billing, process daily payments and customer deposits.
5. Process meter applications for existing water service accounts.
6. Reconcile and process daily bank deposits.
7. Maintain records of sales and accounts receivable.
8. Assist customer inquiries on water bills, payments, and other related billing matters.

Program Highlights

<i>Programs Measures</i>	<i>FY 2021 (actual)</i>	<i>FY 2022 (estimate)</i>	<i>FY 2023 (estimate)</i>
Annual Financial Audit	Yes	Yes	Yes
Return on Investments	1.4%	1.5%	1.5%
Water billings (No. of bills issued)	271,221	271,602	270,960
New Meter applications	91	126	200
Accounts payable transaction	1379	1420	1562
Payroll checks	2146	2197	2275
Payroll processed in work days	10	10	10

Fiscal Ongoing Activities and Initiatives:

- Resumption of the Water Rate Study which was delayed due to the COVID 19 pandemic.

- Perform Annual Water Audit every December 31st.
- Prepare Financial Statements for Annual Financial Audit.
- Prepare Annual Operating and Capital Outlay budgets.
- Maintain Fixed Assets records and subsidiary ledgers.
- Review purchase orders, process invoices and pay vendors weekly.
- Audit timesheets and process payroll bi-monthly.
- Perform bank and investment reconciliation.

Accounting System:

- Accounting uses Great Plains Financial System to process and maintain the general ledger. Monthly financial report is generated monthly and a monthly fiscal report containing the following are submitted to the Board of Water Supply for their review, discussions, and appropriate actions as necessary:
 - Monthly budget vs. actual summary
 - Year to date report of encumbrances and request for new or additional funds.
 - Monthly and year to date comparative charts of billed revenues, revenue cash receipts and water consumption report.
 - Year to date Statement of Net Position
- Compile from each division and prepare the annual proposed Operating and Capital Outlay budgets of the DOW. Each Division Head is designated as budget managers of their own division's budget. Each has access to an Encumbrance Report where each can monitor their year-to-date budget status.
- Payroll is processed twice a month through the County's AS 400 payroll system. The DOW adheres to the County's payroll deadline to meet their closing requirements.
- Payroll initiative - the Department implemented a uniform electronic timesheet for all employees. This is a switched from the use of Maintenance Productivity Enhancement Tool (MPET) to process Operations' employee's timesheet. MPET is also used to maintain Materials and Meters Inventory as well as keeping track of Work Orders for billable and non-billable charges.
- The department's payroll staff is actively working with the County of Kauai, Human Resources in their implementation of Workday for countywide payroll use in the near future.

Consumer Service:

- Process application for water service, meter turn-ons, transfers, and meter turn-offs.
- Process customer payments. Customers can pay their bills at the main building lobby from 8:00 a.m. to 4:00 p.m. A drive thru the parking lot **drop box** is available 24 hours a day which is picked up two times a day.
- Other payment options are available such as **online payment** thru a hosted customer portal and **auto bill pay** by setting up for automatic recurring pay at the main building billing office.
- Perform daily cash reconciliation and daily bank deposits.
- Read meters monthly and bill customers monthly.
- Assist customers with high water usage investigations and perform meter profiles.

General Expenses - Billing

Account	Description	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 YTD Actual	FY 2022-2023 Proposed
Water Utility Fund		\$ 138,232	\$ 270,936	\$ 249,106	\$ 138,089	\$ 271,105
10-30-20-540-010	WU/Bill/Collection/Professional Services - General	\$ -	\$ 109,200	\$ -	\$ -	\$ -
10-30-20-541-010	WU/Bill/Collection/Other Services	\$ 15,083	\$ 21,280	\$ 26,700	\$ 17,709	\$ 33,200
10-30-20-541-020	WU/Bill/Collection/Billing Costs	\$ 117,017	\$ 134,244	\$ 214,556	\$ 114,154	\$ 223,790
10-30-20-561-000	WU/Bill/Collection/Repairs & Maintenance - Other Than Water System	\$ -	\$ -	\$ -	\$ -	\$ -
10-30-20-563-000	WU/Bill/Collection/Operating Supplies	\$ 4,323	\$ 6,212	\$ 4,500	\$ 6,226	\$ 6,500
10-30-20-570-010	WU/Bill/Collection/Books, Publications, Subscriptions, and Memberships	\$ -	\$ -	\$ 350	\$ -	\$ 300
10-30-20-571-010	WU/Bill/Collection/Training and Development	\$ -	\$ -	\$ 3,000	\$ -	\$ 3,000
10-30-20-572-010	WU/Bill/Collection/Travel and Per Diem	\$ 1,809	\$ -	\$ -	\$ -	\$ 3,815
10-30-20-573-010	WU/Bill/Collection/Meeting Expense	\$ -	\$ -	\$ -	\$ -	\$ 500
Miscellaneous Capital Purchases		\$0	\$0	\$825,000	\$12,823	\$0
10-30-00-604-999	WU/Bill/Collection/Capital Outlay - R&R/Misc. Capital Purchases	\$ -	\$ -	\$ 50,000	\$ 12,823	\$ -
10-30-00-605-999	WU/Bill/Collection/Capital Outlay - Expansion/Misc. Capital Purchases	\$0	\$0	\$775,000	\$0	\$0
	SUMMARY OF OPERATING EXPENSES	<u>\$ 138,232</u>	<u>\$ 270,936</u>	<u>\$ 249,106</u>	<u>\$ 138,089</u>	<u>\$ 270,605</u>
	SUMMARY OF CAPITAL PURCHASES	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 825,000</u>	<u>\$ 12,823</u>	<u>\$ -</u>
	OPERATING EXPENSES PLUS CAPITAL OUTLAY	<u>\$ 138,232</u>	<u>\$ 270,936</u>	<u>\$ 1,074,106</u>	<u>\$ 150,912</u>	<u>\$ 270,605</u>

TOTAL: WU/Bill/Collection/Professional Services -
General

\$109,200

\$0

\$0

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual as of 2/28/22	FY 2022-2023 Proposed
Project Management	To implement online and credit card payments options			\$0		\$0
CC&B Support and Change Requests	CC&B Software & Hardware Support - Kauai cost allocation					
Project Management	Alternative Billing Software			\$0		\$0
Consulting Services	Billing Software Services			\$0		\$0

TOTAL: WU/Bill/Collection/Other Services

\$15,083

\$21,280

\$26,700

\$17,709

\$33,200

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual as of 2/28/22	FY 2022-2023 Proposed
Armored Car Service	Deposit pick up from DOW to Bank institution			\$8,700		\$9,200
Processing Service	Bank fees / Lock box processing fees (moved from 541-020)			\$18,000		\$24,000

TOTAL: WU/Bill/Collection/Billing Costs **\$117,017** **\$134,244** **\$214,556** **\$114,154** **\$223,790**

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual as of 2/28/22	FY 2022-2023 Proposed
Postage for Water Bills	Postage for Water Bills			\$114,156		\$123,390
Bill Processing Fees	Bill Processing fees			\$47,000		\$47,000
Beacon Subscription Fee	Subscription Fee for AMI Meters (\$0.89 per meter per month) For MK16			\$53,400		\$53,400

TOTAL: WU/Bill/Collection/Operating Supplies

\$4,323

\$6,212

\$4,500

\$6,226

\$6,500

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual as of 2/28/22	FY 2022-2023 Proposed
Miscellaneous supplies	Binders, receipt paper, and other supplies not covered in the office supply budget, meter reading small tools			\$3,000		\$5,000
Office and Desk Accessories	Ergonomic/ADA workspace fittings; i.e. varidesks			\$1,500		\$1,500

TOTAL: WU/Bill/Collection/Training and Development **\$0** **\$0** **\$3,000** **\$0** **\$3,000**

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual as of 2/28/22	FY 2022-2023 Proposed
Staff Training	CC&B and/or new CIS billing			\$0		\$0
Staff development trainings	Customer Service trainings			\$3,000		\$3,000

TOTAL: WU/Bill/Collection/Travel and Per Diem \$1,809 \$0 \$0 \$0 \$3,815

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual as of 2/28/22	FY 2022-2023 Proposed
Staff Travel	Coordination w/ HBWS, Maui water departments (\$200+20)*3					
Government Finance Officers Ass'n (GFOA) Conference - GASB or GAAP Trainings	Continuing Education for Government Accounting Standards Board (GASB) and Generally Accepted Accounting Principles (GAAP) updates			\$0		\$3,815
	Airfare for 1 (\$1,400)					
	Hotel (\$240*5)					
	Per diem (\$145*7)					
	Miscellaneous (\$200)					

TOTAL: WU/Bill/Collection/Meeting Expense

\$0 \$0 \$0 \$0 \$0 \$0 \$500

Line Item	Notes	FY 2018-2019 Actual	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2020-2021 YTD Actual as of 2/28/22	FY 2021-2022 Proposed	New Request ?
Registration	GFOA Conference registration			\$0		\$0		\$500	No

TOTAL: WU/Bill/Collection/Capital Outlay - R&R/Misc. **\$0** **\$0** **\$50,000** **\$12,823** **\$0**
 Capital Purchases

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual as of 2/28/22	FY 2022-2023 Proposed	New Request ?
2W pick up truck	Replace CK 2067, 2009 Ford P/U truck with 162,000 miles						
AWD Compact SUV	Replace CK 2162, 2012 TYT RAV4 with 153,119 miles			\$0		\$0	
AWD Compact SUV	Replace CK 2160, 2012TYT RAV4 with 137,284 miles			\$0		\$0	
Lobby	Lobby Assessment (Acoustics & Slippery surface floor			\$50,000		\$0	No
Customer Service Counter	Improvement						
AMR Software/Trimble Handhelds	Handhelds for Meter Readers						

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

\$0 \$775,000 \$0 \$0

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual as of 2/28/22	FY 2022-2023 Proposed	New Request?
New Billing System	Implementation of a New Customer Information System (CIS) for Billing & Collection.			\$750,000		\$0	moved to IT
Kiosk				\$25,000		\$0	N
Laptop						\$0	Y
Trimble						\$0	Y

General Expenses - Accounting

Account	Description	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 YTD Actual	FY 2022-2023 Proposed
Water Utility Fund		\$ 104,254	\$ 227,865	\$ 401,510	\$ 150,169	\$ 340,345
10-31-10-540-010	WU/Acctg/Admin/Professional Services - General	\$6,988	\$98,720	\$241,600	\$44,742	\$161,600
10-31-10-540-020	WU/Acctg/Admin/Accounting and Auditing	\$69,900	\$84,500	\$106,800	\$74,100	\$120,000
10-31-10-541-010	WU/Acctg/Admin/Other Services - General	\$13,924	\$21,806	\$21,600	\$17,018	\$21,600
10-31-10-561-000	WU/Acctg/Admin/Repairs & Maintenance - Other than Water System			\$0		\$0
10-31-10-562-000	WU/Acctg/Admin/Office Supplies	\$11,901	\$17,869	\$22,000	\$10,241	\$24,800
10-31-10-563-000	WU/Acctg/Admin/Operating Supplies	\$992	\$1,432	\$3,000	\$3,084	\$3,500
10-31-10-570-010	WU/Acctg/Admin/Books, Publications, Subscriptions, and Memberships	\$150	\$150	\$760	\$150	\$810
10-31-10-571-010	WU/Acctg/Admin/Training and Development	\$187	\$3,388	\$5,750	\$620	\$3,000
10-31-10-572-010	WU/Acctg/Admin/Travel & Per Diem	\$212	\$0	\$0	\$214	\$4,535
10-31-10-573-010	WU/Acctg/Admin/Meeting Expense	\$0	\$0	\$0	\$0	\$500
Capital Purchases		\$0	\$0	\$0	\$0	\$0
10-31-00-605-999	WU/Acctg/Admin/Capital Outlay - Expansion/Misc. Capital Purchases	\$ -	\$ -	\$ -	\$ -	\$ -
	SUMMARY OF OPERATING EXPENSES	\$ 104,254	\$ 227,865	\$ 401,510	\$ 150,169	\$ 340,345
	SUMMARY OF CAPITAL OUTLAY/ MISC. CAPITAL PURCHASES	\$ -	\$ -	\$ -	\$ -	\$ -
	OPERATING EXPENSES PLUS CAPITAL OUTLAY	\$ 104,254	\$ 227,865	\$ 401,510	\$ 150,169	\$ 340,345

TOTAL: WU/Acctg/Admin/Professional Services - General **\$6,988** **\$98,720** **\$241,600** **\$44,742** **\$161,600**

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual as of 2/28/22	FY 2022-2023 Proposed
Bond Counsel	County's allocation to DOW. County makes all decisions regarding issuing and refunding bonds.			\$15,000		\$15,000
Actuarial & Valuation Services	OPEB - Other Post Employment Benefits & ERS - County and/or State - fees and costs allocation to DOW.			\$20,600		\$20,600
Workers Comp Actuarial Valuation	County's allocation to DOW. County makes all decisions regarding procurement and use of these services.			\$6,000		\$6,000
New Water Rate Study for FY 2017-2022	Financial Planning & Rate analysis			\$100,000		\$20,000
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			\$100,000		\$100,000
Project Management	Complete Implementation of GP, Office 365 and Sharepoint					\$0

TOTAL: WU/Acctg/Admin/Accounting and Auditing

\$69,900

\$84,500

\$106,800

\$74,100

\$120,000

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual as of 2/28/22	FY 2022-2023 Proposed	New Request ?
Auditor	Annual Financial Audit (FY 2022).		\$72,000	\$86,800	\$72,000	\$100,000	No
Consultant	Consulting services as needed.			\$20,000		\$20,000	No.

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

\$13,924

\$21,806

\$21,600

\$17,018

\$21,600

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual as of 2/28/22	FY 2022-2023 Proposed	New Request ?
Bank Service Fees	Analysis Charge (Average \$1800 per month)		\$14,222	\$21,600		\$21,600	No

TOTAL: WU/Acctg/Admin/Office Supplies

\$11,901

\$17,869

\$22,000

\$10,241

\$24,800

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual as of 2/28/22	FY 2022-2023 Proposed	New Request ?
Copy Paper	Supplies for all DOW			\$5,000		\$5,000	No
Office Supplies	Supplies for all DOW - Pens, Pencils, Writing Pads, Binders, Storage Boxes, Folders, Note Pads, Etc			\$5,000		\$5,000	No
Freight (Office Supplies)				\$1,000		\$1,000	No
Miscellaneous Forms	Supplies for Letterheads, envelopes, booklet covers			\$2,000		\$2,000	No
Janitorial Supplies				\$7,000		\$7,000	No
First Aid Kit	Admin Building			\$2,000		\$4,800	
Office and Desk Accessories				\$0		\$0	No

TOTAL: WU/Acctg/Admin/Operating Supplies

\$992

\$1,432

\$3,000

\$3,084

\$3,500

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual as of 2/28/22	FY 2022-2023 Proposed	New Request ?
Miscellaneous supplies	Binders and other specialty items not included in the Admin office supply budget		\$712	\$1,500		\$2,000	No
Dual Monitors	Dual Monitors						No
Office and Desk Accessories	Ergonomic/ADA workspace fittings			\$1,500		\$1,500	No

TOTAL: WU/Acctg/Admin/Books, Publications, Subscriptions, and Memberships **\$150** **\$150** **\$760** **\$150** **\$810**

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual as of 2/28/22	FY 2022-2023 Proposed	New Request ?
GFOA	Membership (to secure lower rates on conference fees)		\$150	\$350	\$150	\$400	No
Subscriptions	GFOA subscriptions			\$410		\$410	No

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

\$212

\$0

\$0

\$214

\$4,535

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual as of 2/28/22	FY 2022-2023 Proposed	New Request ?
Travel & Per Diem	GFOA Conference - Continuing Education for GAAP and GASB updates				\$0	\$3,815	NO
	Airfare for 1 (\$1,400)						
	Hotel (\$240*5)						
	Per diem (\$145*7)						
	Miscellaneous (\$200)						
Interisland meetings	Interisland travels (240 * 3)				\$0	\$720	

TOTAL: WU/Acctg/Admin/Meeting Expense **\$0** **\$0** **\$0** **\$0** **\$500**

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual as of 2/28/22	FY 2022-2023 Proposed	New Request ?
Registration	Govermemnt Finance Officers Association (GFOA) conference registration			\$0		\$500	No

Account	Description	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual	FY 2022-2023 Proposed
Water Utility Fund		17,574,713	18,430,709	26,161,059	15,891,730	18,214,211
10-01-10-530-060	WU/Admin/Admin/Post-Employment Benefits (OPEB)	\$1,041,000	\$998,491	\$1,143,000	\$910,637	\$1,058,000
10-00-10-547-000	WU/Acctg/Admin/County Service Charge	\$2,174,298	\$2,201,634	\$2,174,298	\$1,467,756	\$2,201,634
10-00-90-580-000	WU/Depreciation/Depreciation**	\$7,000,563	\$6,906,157	\$7,190,082	\$4,597,522	\$7,190,082
10-00-90-581-000	WU/Depreciation/Amortization**	\$231,449	\$235,859	\$752,653	\$117,273	\$235,859
10-00-90-582-000	WU/Inflows/Outflows**	-\$41,932	-\$32,274	-\$41,932	-\$37,438	-\$64,179
10-00-00-582-000	WU/Interest Expense	\$2,126,288	\$2,949,517	\$2,860,863	\$1,831,697	\$2,619,332
10-00-00-590-000	WU/Transfers to/from Other Funds	\$0	\$0	\$0	\$0	\$0
10-00-00-590-001	WU/Transfers to Other Funds (DSR)	\$0	\$0	\$0	\$0	\$0
10-00-00-590-002	WU/Transfers to Other Funds (ER)	\$0	\$0	\$0	\$0	\$0
10-00-00-602-000	WU/Loan Proceeds	\$0	\$0	\$4,900,000	\$0	\$0
10-00-00-682-000	WU/Debt Principal Expense	\$5,031,869	\$5,160,541	\$5,170,095	\$4,998,368	\$4,961,483
20-00-00-590-000	FRC/Transfers to Other Funds	\$0	\$0	\$2,000,000	\$2,000,000	\$0
30-31-10-541-010	Bond/Transfers to Other Funds	\$11,177	\$10,783	\$12,000	\$5,915	\$12,000
60-00-00-590-000	SRF/Transfers to Other Funds	\$0	\$0	\$0	\$0	\$0

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

TOTAL: WU/Admin/Admin/Post-Employment Benefits (OPEB) **\$1,041,000** **\$998,491** **\$1,143,000** **\$910,637** **\$1,058,000**

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual as of 2/28/22	FY 2022-2023 Budget
OPEB - ARC	Other Post employment Benefits - Annual Required Contribution per Actuarial Valuation Report as of 7/1/2021	\$1,041,000	\$998,491	\$1,143,000	\$910,637	\$1,058,000

TOTAL: WU/Acctg/Admin/County Service Charge

\$2,174,298 \$2,201,634 \$2,174,298 \$1,467,756 \$2,201,634

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual as of 2/28/22	FY 2022-2023 Budget
County Service Charge	2,645 - 6" @ \$804 = \$2,126,580; 28 - 4" Hydrant @ \$276.00 = \$7,728 ; 310 - Standpipes @ \$129.00 = \$39,990			\$2,174,298		\$2,201,634

TOTAL: WU/Inflows/Outflows**

-\$41,932

-\$32,274

-\$41,932

-\$37,438

-\$64,179

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual as of 2/28/22	FY 2022-2023 Budget
Amortization	Amortization based on financials	-\$41,932	-\$32,274	-\$41,932	-\$37,438	-\$64,179

TOTAL: WU/Interest Expense

\$3,440,092 \$2,126,288 \$2,949,517 \$2,860,863 \$1,831,697 \$2,619,332

Line Item	Notes	FY 2016-2017 Actual	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual as of 2/28/22	FY 2022-2023 Budget
10-00-00-582-02	Kauai GOB 2011 A Series (97.1)				\$70,138		\$0
10-00-00-582-04	2012A Water Bonds -Refunded Part of 2005A (97.3)				\$76,088		\$4,750
10-00-00-582-05	2010A Series -BAB (92)				\$2,288,486		\$2,169,931
10-00-00-582-06	2005A Water Bonds, Partial Refunding of 2001 Series A (87)				\$5,625		\$0
10-00-00-582-07	2021A Water Bonds				\$0		\$66,750
10-00-00-582-08	2021B Water Bonds				\$0		\$19,100
10-00-00-582-14	DW400-0001 - Stable 1.0 MG Tank (89)				\$105,216		\$91,756
10-00-00-582-21	DW400-0011 - Plh 39a, Lihue Baseyard				\$20,611		\$19,100
10-00-00-582-08	DW404-0001 - Hanapepe 27" Pipeline (81)				\$3,686		\$2,058
10-00-00-582-07	DW404-0002 - Hanapepe River Crossing (80)				\$6,610		\$3,689
10-00-00-582-19	DW406-0001 - Kapilimao Well (99)				\$1,651		\$0
10-00-00-582-17	DW406-0003 - Kapilimao 0.5 MG Tank (94)				\$65,038		\$57,725
10-00-00-582-15	DW406-0005 - Kaunualii Hwy 12 inch Main Repl Elepaio (90)				\$61,516		\$54,145
10-00-00-582-13	DW408-0002 - Poipu Rd 16 inch main (88)				\$52,534		\$43,431
10-00-00-582-18	DW410-0001 - Kokolau (98)				\$1,121		\$0
10-00-00-582-10	DW410-0005 - Lihue Steel Tanks 1 & 2 (83)				\$9,503		\$6,988
10-00-00-582-09	DW413-0002 - Wailua Homesteads Well No. 3 (82)				\$2,286		\$1,458
10-00-00-582-11	DW413-0005 - Ornellas 0.2 MG Tank (84)				\$6,332		\$4,656
10-00-00-582-12	DW413-0006 - 16" Waterline Kuhio Hwy Wailua (85)				\$19,882		\$15,708
10-00-00-582-20	DW413-0008 - Wailua Houselots Main Repl				\$34,571		\$31,707
10-00-00-582-16	DW434-0003 - Waha, Wawae & Niho (91)				\$29,970		\$26,379
10-00-90-582-000	WU/bond Inflows & Outflows						

TOTAL: WU/Transfers to/from Other Funds

\$0

\$0

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual as of 2/28/22	FY 2022-2023 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/Loan Proceeds

\$4,900,000

\$0

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual as of 2/28/22	FY 2022-2023 Budget
SRF Loan Proceeds	SRF Loan Proceeds			\$4,900,000		\$0

TOTAL: WU/Debt Principal Expense

\$4,717,296 \$5,031,869 \$5,160,541 \$5,170,095 \$4,998,368 \$4,961,483

Line Item	Notes	FY 2016-2017 Actual	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Actual as of 2/28/22	FY 2022-2023 Budget
01-00-00-682-02	Kauai GOB 2011 A Series (97.1)				\$370,000		\$0
01-00-00-682-04	2012A Water Bonds -Refunded Part of 2005A (97.3)				\$180,000		\$190,000
01-00-00-682-05	2010A Series -BAB (92)				\$2,485,000		\$2,605,000
01-00-00-682-06	2005A Water Bonds, Partial Refunding of 2001 Series A (87)				\$225,000		\$0
10-00-00-582-07	2021A Water Bonds						\$350,000
10-00-00-582-08	2021B Water Bonds						\$0
01-00-00-682-14	DW400-0001 - Stable 1.0 MG Tank (89)				\$383,236		\$384,233
01-00-00-682-21	DW400-0011 - Plh 39a, Lihue Baseyard				\$100,590		\$101,094
01-00-00-682-08	DW404-0001 - Hanapepe 27" Pipeline (81)				\$38,301		\$38,681
01-00-00-682-07	DW404-0002 - Hanapepe River Crossing (80)				\$68,729		\$69,411
01-00-00-682-19	DW406-0001 - Kapilimao Well (99)				\$51,600		\$0
01-00-00-682-17	DW406-0003 - Kapilimao 0.5 MG Tank (94)				\$199,047		\$199,884
01-00-00-682-15	DW406-0005 - Kaunualii Hwy 12 inch Main Repl Elepaio (90)				\$206,316		\$206,977
01-00-00-682-13	DW408-0002 - Poipu Rd 16 inch main (88)				\$266,843		\$267,270
01-00-00-682-18	DW410-0001 - Kokolau (98)				\$48,655		\$0
01-00-00-682-10	DW410-0005 - Lihue Steel Tanks 1 & 2 (83)				\$67,708		\$68,020
01-00-00-682-09	DW413-0002 - Wailua Homesteads Well No. 3 (82)				\$21,824		\$21,942
01-00-00-682-11	DW413-0005 - Ornellas 0.2 MG Tank (84)				\$43,694		\$43,948
01-00-00-682-12	DW413-0006 - 16" Waterline Kuhio Hwy Wailua (85)				\$122,354		\$122,550
01-00-00-682-20	DW413-0008 - Wailua Houselots Main Repl				\$190,697		\$191,652
01-00-00-682-16	DW434-0003 - Waha, Wawae & Niho (91)				\$100,501		\$100,823

Operations Division

Program Budget – FY2022 - 2023

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 57 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, 4 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 2021-2022 were:

Personnel

- The following positions were vacated:
 - One (1) Lead Pipefitter (Retirement)
 - One (1) Meter Mechanic (Promotion to Lead Meter Mechanic)
 - One (1) Maintenance Worker II (Retirement)
 - One (1) Assistant Water Plant Operator (promotion to Water Plant Operator I)
 - One (1) Pipefitter Helper (Promotion to Water Plant Operator I)
 - One (1) Water Plant Operator II (Retirement)
 - One (1) Water Plant Operator I (Retirement)
 - One (1) Automotive Mechanic II (Promotion)
- One (1) vacant Pipefitter filled
- One (1) vacant Construction and Maintenance Worker I position filled
- Vacant Maintenance Worker I position filled
- Vacant Water Plant Operator II position filled

- Vacant Water Plant Operator I position filled
- Vacant Automotive Mechanic II position filled

- Recruitments:
 - Water Plant Operator I
 - Assistant Water Plant Operator
 - Lead Pipefitter
 - Pipefitter Helper
 - Automotive Mechanic I

Source and Storage

- Contract 699, Installation of on-site Sodium Hypochlorite generation at Kapilimao Well completed.
- Contract 703 Waimea Well B refurbishment, completed.
- Contract 687 Anahola Well A refurbishment, completed
- Contract 693 Koloa Well D refurbishment, completed
- Job 21-04 Kilohana Sodium Hypochlorite On-Site Generation Building Design

Distribution

- As of February 28, 2022, distribution system operators responded to 238 emergency calls reporting pipeline and hydrant leaks.
- As of February 28, 2022, Operations Division personnel responded to 239 Hawaii One Call Center requests from contractors and developers for water line location markings.
- Crews installed/replaced/repared/maintained 648 meters.
- A total of 10 live taps were performed.
- A total of 15 service laterals were installed or replaced.
- A total of 8 temporary hydrant meter applications were processed and installed.
- Operated valves on nineteen (19) occasions to allow contractors to tie-in to DOW distribution system.

Ops Inventory, Warehouse and Baseyard Area

- Old vehicles and equipment were 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.
- Contract C627 extended, MPET maintenance
- Contract C701 extended, SCADA maintenance.
- Contract C708 on-going, Air conditioning maintenance.
- Contract 712 various repair parts and materials, received
- Contract 715 old admin building hazmat survey, completed
- Contract 711 various repair parts and materials, partially received
- Contract 717 3-trucks executed no cost time extension.
- Contract 719 compact track loader, executed
- Contract 718 150 kVA trailer mounted emergency generator, executed
- Contract 716 Paua Valley Well MCC replacement

GOALS FOR THE 2022-2023 FISCAL YEAR

1. Recruit to fill vacant positions.
2. Complete offices and work stations for Operations Division at Microlab second floor – completed.
3. Replace failing 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 - completed
7. Construct temporary work stations for supervisors and working supervisors – on-going.
8. Continue with progress made in converting from paper to electronic timesheets and have all Ops personnel on electronic timesheets – completed.
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 – quote received, review on-going.

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 replacing old and defective residential meters with new AMI meters.
20. Continue replacing meters larger than 1".

General Expenses - Operations

Account	Description	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 YTD Actual	FY 2022-2023 Proposed
10-40-60-540-010	WU/Ops/TandD/Professional Services - General	\$0	\$0	\$550,000	\$0	\$200,000
10-40-60-541-010	WU/Ops/TandD/Other Services	\$662	\$317	\$2,000	\$508	\$2,000
10-40-60-545-000	WU/Ops/TandD/Rentals and Leases	\$22,294	\$32,995	\$50,000	\$4,471	\$50,000
10-40-50-551-000	WU/Ops/Power/Pump/Utility Services	\$2,311,544	\$2,360,731	\$2,700,000	\$1,979,333	\$2,967,700
10-40-50-560-000	WU/Ops/PandP/Repairs and Maintenance - Water System	\$57,480	\$17,678	\$40,000	\$16,131	\$40,000
10-40-60-560-000	WU/Ops/TandD/Repairs and Maintenance - Water System	\$249,276	\$28,257	\$171,000	\$79,619	\$320,000
10-40-60-561-000	WU/Ops/TandD/Repairs and Maintenance - Other than Water System	\$108,472	\$208,517	\$526,200	\$140,929	\$495,000
10-40-30-563-000	WU/Ops/Source/Operating Supplies	\$86,811	\$63,026	\$60,000	\$45,280	\$60,000
10-40-40-563-000	WU/Ops/Purification/Operating Supplies	\$98,154	\$125,011	\$101,920	\$61,457	\$152,880
10-40-50-563-000	WU/Ops/PandP/Operating Supplies	\$69,278	\$90,508	\$35,000	\$23,864	\$35,000
10-40-60-563-000	WU/Ops/TandD/Operating Supplies	\$560,290	\$563,586	\$255,000	\$175,576	\$275,000
10-40-50-563-010	WU/Ops/PandP/Operating Supplies/Invty. Stock	\$11,873	\$0	\$15,000	\$74,116	\$20,000
10-40-60-563-010	WU/Ops/TandD/Operating Supplies/Invty. Stock	\$0	\$0	\$378,000	\$213,370	\$1,186,000
10-40-60-564-000	WU/Ops/TandD/Fuel	\$105,941	\$101,759	\$122,500	\$96,918	\$175,000
10-40-30-565-000	WU/Ops/Source/Bulk Water Purchase	\$1,546,547	\$4,054,076	\$1,820,176	\$1,198,279	\$1,918,185
10-40-60-571-010	WU/Ops/TandD/Training & Development	\$21,864	\$17,389	\$25,000	\$40,044	\$40,000
10-40-60-572-010	WU/Ops/TandD/Travel & Per Diem	\$5,406	\$0	\$0	\$975	\$19,000
10-40-60-573-010	WU/Ops/TandD/Meeting Expense	\$1,000	\$0	\$0	\$0	\$0
Operating Expenses		\$5,256,892	\$7,663,900	\$6,851,796	\$4,150,870	\$7,955,765
10-40-00-604-999	WU/Ops/Capital Outlay - R&R/Misc. Capital Purchases	\$513,655	\$420,423	\$399,500	\$319,321	\$2,160,000
10-40-00-605-999	WU/Ops/Capital Outlay - Expansion/Misc. Capital Purchases	\$91,031	\$403,382	\$115,000	\$12,725	\$670,500
Miscellaneous Capital Purchases		\$604,686	\$823,805	\$514,500	\$332,046	\$2,830,500
10-40-00-604-xxx	WU/Ops/Capital Outlay - R&R	\$816,226	\$2,673,422	\$675,000	\$0	\$400,000
10-40-00-605-xxx	WU/Ops/Capital Outlay - Expansion	\$0	\$2,673,422	\$600,000	\$0	\$2,099,938
New Capital Outlay		\$816,226	\$5,346,844	\$1,275,000	\$0	\$2,499,938
SUMMARY OF OPERATING EXPENSES		<u>\$5,256,892</u>	<u>\$7,663,900</u>	<u>\$6,851,796</u>	<u>\$4,150,870</u>	<u>\$7,955,765</u>
SUMMARY OF CAPITAL PURCHASES		<u>\$604,686</u>	<u>\$823,805</u>	<u>\$514,500</u>	<u>\$332,046</u>	<u>\$2,830,500</u>
SUMMARY OF CAPITAL OUTLAY		<u>\$816,226</u>	<u>\$5,346,844</u>	<u>\$1,275,000</u>	<u>\$0</u>	<u>\$2,499,938</u>
OPERATING EXPENSES PLUS CAPITAL OUTLAY		<u>\$6,677,803</u>	<u>\$13,834,549</u>	<u>\$8,641,296</u>	<u>\$4,482,916</u>	<u>\$13,286,203</u>

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

\$0

\$550,000

\$0

\$200,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 YTD as of February 28, 2022	FY 2022 - 2023 Proposed
Medical Practitioner	Independent Medical Examiner - to examine employees with established patterns of sick leave abuse					
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		
EA, Design & Permitting	Design for Kilauea NaOCL On-site generation					\$200,000

TOTAL: WU/Ops/TandD/Repairs and Maintenance - Water System **\$249,276** **\$28,257** **\$171,000** **\$79,619** **\$320,000**

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 YTD as of February 28, 2022	FY 2022 - 2023 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
SCADA System Integrator Consulting and Maintenance Contract (Annually)	Outside services - Islandwide SCADA control system remote site maintenance.			\$150,000		\$0
Easement 5-1-5:23	Annual Lease - Easement for booster pump station on Wailapa			\$1,000		\$0
Storage Tanks	Tank Cleaning, Painting, Minor Repairs					\$300,000

TOTAL: WU/Ops/TandD/Repairs and Maintenance - Other than Water System **\$108,472** **\$208,517** **\$526,200** **\$140,929** **\$495,000**

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 YTD as of February 28, 2022	FY 2022 - 2023 Proposed
Rehab and Restoration Services	Roadway rehab and repairs			\$40,000		\$40,000
Vehicle maintenance and service	Outside repair services and maintenance.			\$40,000		\$40,000
Debris and HazMat Disposal	Landfill and Off-Island disposal			\$20,000		\$20,000
Building Equipment Repairs	Building Equipment Repairs			\$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
Elevator Maintenance	Elevator Maint. For New Admin Bldg., & Microlab			\$5,000		\$5,000
Fire Protection	Fire Extinguishers			\$5,000		\$5,000
Alarm Service	Alarm Services and Maintenance			\$20,000		\$20,000
Offices	Operations offices furnitures and equipment			\$50,000		\$20,000
MPET/MMIS	Moved from IT budget			\$0		\$0
Cyberlock	Cloud Hosting			\$1,200		\$0
Demolition of Old building	Demolition of Old building			\$300,000		\$300,000

TOTAL: WU/Ops/Source/Operating Supplies

\$86,811

\$63,026

\$60,000

\$45,280

\$60,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 YTD as of February 28, 2022	FY 2022 - 2023 Proposed
Miscellaneous Rehab Projects	construction, maintenance and rehabilitation projects.			\$60,000		\$60,000
Sodium Hypochlorite On-Site Generation	Kilohana OSG			\$0		\$0

TOTAL: WU/Ops/Purification/Operating Supplies

\$98,154

\$125,011

\$101,920

\$61,457

\$152,880

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 YTD as of February 28, 2022	FY 2022 - 2023 Proposed
Sodium Hypochlorite	Chemical supplies for disinfection			\$95,200		\$142,800
Soda Ash	pH control for source water.			\$6,720		\$10,080

TOTAL: WU/Ops/PandP/Operating Supplies

\$69,278

\$90,508

\$35,000

\$23,864

\$35,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 YTD as of February 28, 2022	FY 2022 - 2023 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
Sodium Hypochlorite on-site generation	Sodium Hypochlorite on-site generation (Moved to 10-40-30-563-000)					

TOTAL: WU/Ops/TandD/Operating Supplies

\$560,290

\$563,586

\$255,000

\$175,576

\$275,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 YTD as of February 28, 2022	FY 2022 - 2023 Proposed
Meter Parts	Repair parts and field testing equipment			\$15,000		\$15,000
Road repair supplies	Cold mix and other roadway patching materials			\$85,000		\$90,000
Traffic Safety Signs and Equipment	New safety and traffic control signs.			\$8,000		\$9,000
Safety Equipment	Cost of safety shoes, safety glasses, PUC exams, respiratory exams, work shirts, safety clothing, replacement tools, equipment as mandated and required by OSHA, and collective bargaining agreements.			\$40,000		\$44,000
Miscellaneous expenditures	damages to property, and expenditures not classified elsewhere.			\$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		\$55,000
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		\$50,000
Operational Equipment less than \$5,000 per Board Policy No. 3, Item No. 4	Furnitures & Fixtures <\$5,000.			\$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

TOTAL: WU/Ops/TandD/Operating Supplies/Invty. Stock **\$0** **\$378,000** **\$213,370** **\$1,186,000**

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 YTD as of February 28, 2022	FY 2022 - 2023 Proposed
Small pipeline and service line replacement parts	Pipe and valves			\$37,000		\$40,000
Large inventory items	Large diameter pipe, valves, and other items in inventory			\$14,000		\$18,000
R&R - 5/8" & 3/4" meters	2500 ea @ \$315			\$60,000		\$787,500
Replacement meters, all other sizes	65 others @ \$600			\$39,000		\$39,000
Replacement meter boxes and covers	500 ea @ \$115			\$3,000		\$57,500
Hydrant replacement	Ongoing hydrant replacement program, as needed.			\$85,000		\$144,000
Stock Inventory Items	Warehouse inventory parts and materials. (\$150K budget under 102)			\$100,000		\$100,000
SCADA Replacement Parts Inventory	Inventory parts			\$40,000		

TOTAL: WU/Ops/TandD/Fuel

\$105,941

\$101,759

\$122,500

\$96,918

\$175,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 YTD as of February 28, 2022	FY 2022 - 2023 Proposed
diesel for utility fleet	17,000 gallons at \$5.00 per gallon; includes increase due to generator use			\$56,000		\$85,000
gasoline for utility fleet	17,000 gallons at \$5.00 per gallon; includes increase due to new vehicles			\$56,000		\$85,000
Non-ethanol fuel	fuel for small engines - 1000 gallons at \$5.00 per gallon			\$10,500		\$5,000

TOTAL: WU/Ops/Source/Bulk Water Purchase

\$1,546,547 \$4,054,076 \$1,820,176 \$1,198,279 \$1,918,185

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 YTD as of February 28, 2022	FY 2022 - 2023 Proposed
Princeville Utilities for Anini	24MG per Year x \$2.40 per thousand gallons plus \$148 per month standby charge			59,376		59,376
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
Princeville Tank	1 MG per year X \$2.00 per thousand gallons plus \$230 per month standby charge			\$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
Grove Farm Water Purchase Agreement	2.5MGD @ 365 days @ \$2.00 per thousand gallons			\$1,733,750		\$1,733,750
Moloaa	0.7MG at \$1.44 per thousand gallons			\$5,000		\$5,000
Kalihiwai Bay Estate Water Association	1 mG @ \$5 per thousand gallons			\$5,000		\$12,000
Anahola Emergency Interconnection	Annual fee for interconnectoin			\$2,100		\$2,100
Contingency fr price increases	Contingency - increasing cost					\$91,009

TOTAL: WU/Ops/TandD/Training & Development

\$21,864

\$17,389

\$25,000

\$40,044

\$40,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 YTD as of February 28, 2022	FY 2022 - 2023 Proposed
Certification classes and trainings/workshops/conferences	Training & Development			\$25,000		\$30,000
Travel and Per Diem	Moved to GL acct. 572-010					
Medical Certification	CDL drivers w/ vehicles over 10,000 lbs GVWR					\$10,000

TOTAL: WU/Ops/Capital Outlay - R&R/Misc. Capital Purchases \$513,655 \$420,423 \$574,500 \$319,321 \$2,160,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 YTD as of February 28, 2022	FY 2022 - 2023 Proposed
Excavator	Replace Takeuchi TB175 mini excavator (prior budget was transferred to fuel master & SCADA)			\$125,000		\$0
Excavator	Replace and upsize Takeuchi TB175					\$225,000
Riding Mower and Trailer	Replace riding mower and trailer for riding mower					\$40,000
Skid Steer Loader	Replace 2009 Case 430					\$0
2-150kVA Emergency Generators	Replace Em.Gen. for Puhi Well 5b & Kilohana					\$230,000
1 - 125 kVA Emergency Generator	Replace Em. Gen. for Microlab					\$105,000
2-Ford F450 Utility Trucks	Replace CK1964 & CK2237					\$120,000
1- Passenger Truck for MCE	CK-2473 is assigned to the Manager-Chief Engineer, this CK-2473 vehicle will be cascaded to Engineering staff.					\$45,000
1-Access Cab or similar	CK-2345, 2015 Nissan Frontier for the Meter Readers					\$40,000
Wet barrel hydrants with dry barrel hydrants	Replace wet barrel hydrants with dry barrel hydrants			\$25,000		\$25,000
Pump Replacement	Pump Replacement - Paua Valley (pump & MCC)			\$150,000		\$1,000,000
Replace Valves	Replace ARV island-wide					\$100,000
GAC Replacement	Charcoal (GAC) Replacement - Wailua Homesteads Well					\$230,000
Sodium Hypochlorite On-Site Generation				\$0		\$0
AMI Meter Register Sets to Replace AMR	22000 units @ approximately \$200 per set			\$0		
Skid Steer Loaders	Replace 2009 Case SSL-5			\$95,000		
Medium Duty 4x4 P/U Truck with Hydraulic Lift Gate	Replace CK2143 2011 Dodge RAM 1500			\$65,000		
200 Gallon Skid Sprayer	Replace old Skid Sprayer			\$4,500		
150 kVA Emergency Generator	Replace 28 years old Onan 150kVA Emergency Generator			\$110,000		
Pump and Motor Replacement	Pump and Motor Replacement - on going program					
Dump Truck	Replace CK2020 due to age and mileage					
2 trailers	Replace trailers					
4x4 P/U truck with Accessories	Replace CK2143 2011 Dodge RAM 1500					
Generators	150 KVA Emergency Generator (2 each)					
Skid Steer Loaders	Replace SSL-4 and SSL-5					
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					
Sodium Hypochlorite on-site generation	Sodium Hypochlorite on--site generation					
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.					
AMI meter pilot tests						
Sewer Lift Station SCADA Control Panel	Replace existing lift station control panel					

TOTAL: WU/Ops/Capital Outlay - Expansion/Misc. Capital Purchases \$91,031 \$403,382 \$115,000 \$12,725 \$670,500

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 YTD as of February 28, 2022	FY 2022 - 2023 Proposed
Sodium Hypochlorite On-Stite Generation	Kilohana OSG			\$0		\$150,000
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		
AMI Meter Register Sets (New Accounts)	New Subdivisions (Estimated 700 new accounts)			\$0		\$220,500
Fencing	Security					\$300,000
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					
18' tilt deck trailer	trailer for tractor shredder					
Tractor/Shredder/Sprayer	Multi-purpose Equipment for Maintenance Workers					
4x4 P/U truck	Multi-purpose p/u w/hydraulic lift for new Utility Worker/Meter Mechanic/Water Service Inv					
Dump truck/trailer/excavator	Equipment for new Equipment Operator II					
F450 p/u w/utility body	work truck for new Maintenance Worker Crew					
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						

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

\$816,226

\$2,673,422

\$675,000

\$400,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 YTD as of February 28, 2022	FY 2022 - 2023 Proposed
Storage Tanks	Tank Cleaning, Painting, Minor Repairs					\$0
Demolish Admin Bldg	Demolish Admin Bldg/Add Temp Parking Lot			\$400,000		\$400,000
SWTP Delivery Agreement	SWTP - Water Treatment Delivery Agreement with Grove Farm - R&R 10-40-00-604-166	\$816,226		\$0		
Submersible pump and refurbish Wainiha Well #1	Replace submersible pump and refurbish Wainiha Well #1			\$150,000		
Offices -Microlab building	Offices on the second floor Microlab building			\$75,000		
Work stations	Work stations Operations Building			\$50,000		

TOTAL: WU/Ops/Capital Outlay - Expansion

\$0 \$2,673,422 \$600,000 \$2,099,938

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 YTD as of February 28, 2022	FY 2022 - 2023 Proposed
Storage Tanks	Tank Cleaning, Painting, Minor Repairs					\$0
Satellite Operations Facility	Satellite Operations Facility			\$600,000		\$99,938
DOW Baseyard	Baseyard Phase 1					\$2,000,000

**Proposed Salaries and Wages
FY 2022-2023**

<u>Account</u>	<u>Description</u>	<u>FY 2020 - 2021 Actual</u>	<u>FY 2021-2022 Budget</u>	<u>FY 2021-2022 Actual as of 2/28/22</u>	<u>FY 2022-2023 Proposed Budget</u>
Water Utility Fund					
ADMIN		1,042,210.00	1,330,509.52	736,459.11	1,780,933.29
10-01-10-510-010	WU/Admin/Admin/Salaries and Wages	610,292.00	799,504.00	542,032.97	1,189,777.90
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	3,605.00	2,000.00	-	2,000.00
10-01-10-510-030	WU/Admin/Admin/Overtime	17,863.00	30,000.00	9,964.59	20,000.00
10-01-10-510-040	WU/Admin/Admin/Standby Pay		-		-
10-01-10-520-040	WU/Admin/Admin/Compensated Annual leave		90,000.00		90,000.00
10-01-10-520-040	WU/Admin/Admin/Compensated CT		10,000.00		10,000.00
10-01-10-530-010	WU/Admin/Admin/FICA Taxes	47,677.00	74,702.56	40,231.62	100,351.01
10-01-10-530-020	WU/Admin/Admin/Retirement Contributions	319,688.00	223,560.96	107,358.97	290,826.70
10-01-10-530-030	WU/Admin/Admin/Life and Health Insurance	43,085.00	55,742.00	36,870.96	77,977.68
I.T.		119,806.00	368,626.50	158,218.89	456,163.49
10-02-10-510-010	WU/IT/Admin/Salaries and Wages	62,643.00	237,312.00	98,374.00	300,679.80
10-02-10-510-020	WU/IT/Admin/Temporary Assignment	2,257.00	500.00	2,583.05	500.00
10-02-10-510-030	WU/IT/Admin/Overtime	523.00	30,000.00	16,044.29	30,000.00
10-02-10-510-040	WU/IT/Admin/Standby Pay		-		-
10-02-10-530-010	WU/IT/Admin/FICA Taxes	6,228.00	20,487.62	9,033.13	25,335.25
10-02-10-530-020	WU/IT/Admin/Retirement Contributions	41,353.00	64,274.88	24,229.70	79,483.15
10-02-10-530-030	WU/IT/Admin/Life and Health Insurance	6,802.00	16,052.00	7,954.72	20,165.28
ENGINEERING - WATER QUALITY		415,849.49	346,386.57	222,669.63	334,451.20
10-10-40-510-010	WU/QualPurif/Admin/Salaries and Wages	232,607.00	250,080.00	159,366.68	248,113.80
10-10-40-510-020	WU/QualPurif/Admin/Temporary Assignment	19.49	1,500.00	1,380.29	1,500.00
10-10-40-510-030	WU/QualPurif/Admin/Overtime	10,238.00	3,000.00	3,568.17	3,500.00
10-10-40-510-040	WU/QualPurif/Admin/Standby Pay				
10-10-40-530-010	WU/QualPurif/Admin/FICA Taxes	20,324.00	19,475.37	12,872.24	19,363.21
10-10-40-530-020	WU/QualPurif/Admin/Retirement Contributions	141,284.00	61,099.20	39,431.79	60,747.31
10-10-40-530-030	WU/QualPurif/Admin/Life and Health Insurance	11,377.00	11,232.00	6,050.46	1,226.88
ENGINEERING - ENVIRONMENTAL		379,077.00	459,362.18	171,019.08	733,759.06
10-20-10-510-010	WU/Eng/Admin/Salaries and Wages	195,541.00	316,296.00	111,079.00	517,034.40
10-20-10-510-020	WU/Eng/Admin/Temporary Assignment	791.00	1,000.00	-	1,000.00
10-20-10-510-030	WU/Eng/Admin/Overtime	13,721.00	10,000.00	8,457.76	10,500.00
10-20-10-510-040	WU/Eng/Admin/Standby Pay				
10-20-10-530-010	WU/Eng/Admin/FICA Taxes	18,812.00	25,038.14	10,144.92	40,432.88
10-20-10-530-020	WU/Eng/Admin/Retirement Contributions	131,513.00	78,551.04	28,646.61	126,848.26
10-20-10-530-030	WU/Eng/Admin/Life and Health Insurance	18,699.00	28,477.00	12,690.79	37,943.52

<u>Account</u>	<u>Description</u>	<u>FY 2020 - 2021</u> <u>Actual</u>	<u>FY 2021-2022</u> <u>Budget</u>	<u>FY 2021-2022</u> <u>Actual as of</u> <u>2/28/22</u>	<u>FY 2022-2023</u> <u>Proposed</u> <u>Budget</u>
CONSTRUCTION MANAGEMENT		612,909.00	817,611.50	194,105.64	911,407.62
10-21-10-510-010	WU/Const/Admin/Salaries and Wages	345,381.00	571,188.00	138,127.68	632,559.00
10-21-10-510-020	WU/Cons/Admin/Temporary Assignment	1,177.00	2,000.00	-	2,000.00
10-21-10-510-030	WU/Cons/Admin/Overtime	1,159.00	15,000.00	430.46	15,000.00
10-21-10-510-040	WU/Cons/Admin/Standby Pay				
10-21-10-530-010	WU/Cons/Admin/FICA Taxes	31,394.00	44,996.38	10,144.92	49,691.26
10-21-10-530-020	WU/Cons/Admin/Retirement Contributions	221,299.00	141,165.12	32,877.80	155,894.16
10-21-10-530-030	WU/Cons/Admin/Life and Health Insurance	12,499.00	43,262.00	12,524.78	56,263.20
ENGINEERING -WRP		716,679.00	797,310.31	548,928.52	780,524.08
10-22-10-510-010	WU/Wrp/Admin/Salaries and Wages	279,905.00	536,952.00	337,346.50	530,736.00
10-22-10-510-020	WU/Wrp/Admin/Temporary Assignment	9,665.00	5,000.00	6,556.81	5,000.00
10-22-10-510-030	WU/Wrp/Admin/Overtime	107,807.00	15,000.00	48,639.97	30,000.00
10-22-10-510-040	WU/Wrp/Admin/Standby Pay				
10-22-10-530-010	WU/Wrp/Admin/FICA Taxes	33,211.00	42,606.83	25,101.54	43,278.80
10-22-10-530-020	WU/Wrp/Admin/Retirement Contributions	241,878.00	133,668.48	93,965.12	135,776.64
10-22-10-530-030	WU/Wrp/Admin/Life and Health Insurance	44,213.00	64,083.00	37,318.58	35,732.64
FISCAL-BILLING		340,523.95	836,990.92	340,523.95	960,275.17
10-30-20-510-010	WU/Bill/Colln/Salaries and Wages	443,803.00	532,668.00	339,669.76	629,344.80
10-30-20-510-020	WU/Bill/Colln/Temporary Assignment	3,733.00	5,000.00	1,021.07	5,000.00
10-30-20-510-030	WU/Bill/Colln/Overtime	8,805.00	60,000.00	4,211.66	60,000.00
10-30-20-510-040	WU/Bill/Colln/Standby Pay		-	-	-
10-30-20-530-010	WU/Bill/Colln/FICA Taxes	40,507.00	45,721.60	24,727.22	53,117.38
10-30-20-530-020	WU/Bill/Colln/Retirement Contributions	286,216.00	143,440.32	83,127.38	166,642.75
10-30-20-530-030	WU/Bill/Colln/Life and Health Insurance	46,380.00	50,161.00	25,496.11	46,170.24
FISCAL - ACCOUNTING		886,053.00	953,395.55	537,595.57	1,162,225.97
10-31-10-510-010	WU/Acctg/Admin/Salaries and Wages	428,675.00	607,512.00	320,807.09	749,599.20
10-31-10-510-020	WU/Acctg/Admin/Temporary Assignment	9,746.00	10,000.00	5,351.59	10,000.00
10-31-10-510-030	WU/Acctg/Admin/Overtime	68,446.00	60,000.00	55,630.69	65,000.00
10-31-10-510-040	WU/Acctg/Admin/Standby Pay		-	-	-
10-31-10-530-010	WU/Acctg/Admin/FICA Taxes	41,208.00	51,829.67	27,989.73	63,081.84
10-31-10-530-020	WU/Acctg/Admin/Retirement Contributions	288,216.00	162,602.88	87,451.61	197,903.81
10-31-10-530-030	WU/Acctg/Admin/Life and Health Insurance	49,762.00	61,451.00	40,364.86	76,641.12
OPS - PLANT - SOURCE		775,214.00	764,238.78	513,735.27	810,292.29
10-40-30-510-010	WU/Ops/Source/Salaries and Wages	414,549.00	534,696.00	344,546.91	561,430.80
10-40-30-510-020	WU/Ops/Source/Temporary Assignment	2,165.00	3,000.00	1,575.00	3,000.00
10-40-30-510-030	WU/Ops/Source/Overtime	17,401.00	6,000.00	10,304.69	6,600.00
10-40-30-510-040	WU/Ops/Source/Standby Pay		-	4,795.56	
10-40-30-530-010	WU/Ops/Source/FICA Taxes	35,983.00	41,592.74	27,284.85	43,683.86
10-40-30-530-020	WU/Ops/Source/Retirement Contributions	259,305.00	130,487.04	86,828.90	137,047.39
10-40-30-530-030	WU/Ops/Source/Life and Health Insurance	45,811.00	48,463.00	38,399.36	58,530.24

<u>Account</u>	<u>Description</u>	<u>FY 2020 - 2021</u> <u>Actual</u>	<u>FY 2021-2022</u> <u>Budget</u>	<u>FY 2021-2022</u> <u>Actual as of</u> <u>2/28/22</u>	<u>FY 2022-2023</u> <u>Proposed</u> <u>Budget</u>
OPS - PLANT - PURIFICATION		337,358.00	442,455.51	193,752.70	245,197.54
10-40-40-510-010	WU/Ops/Purification/Salaries and Wages	\$ 162,836.00	\$ 284,034.00	\$ 111,266.58	\$ 138,234.60
10-40-40-510-020	WU/Ops/Purification/Temporary Assignment	291.00	1,500.00	562.15	1,500.00
10-40-40-510-030	WU/Ops/Purification/Overtime	26,684.00	30,000.00	27,063.34	33,000.00
10-40-40-510-040	WU/Ops/Purification/Standby Pay	10,375.00	10,000.00	5,649.22	10,000.00
10-40-40-530-010	WU/Ops/Purification/FICA Taxes	17,284.00	24,903.35	15,419.18	13,979.20
10-40-40-530-020	WU/Ops/Purification/Retirement Contributions	112,083.00	78,128.16	30,642.36	43,856.30
10-40-40-530-030	WU/Ops/Purification/Life and Health Insurance	7,805.00	13,890.00	3,149.87	4,627.44
OPS - PLANT - POWER & PUMPING		338,568.00	301,152.48	202,602.90	308,116.13
10-40-50-510-010	WU/Ops/PnP/Salaries and Wages	\$ 164,710.00	\$ 201,793.00	\$ 134,612.91	\$ 211,881.60
10-40-50-510-020	WU/Ops/PnP/Temporary Assignment	5,783.00	4,000.00	476.17	4,000.00
10-40-50-510-030	WU/Ops/PnP/Overtime	16,520.00	8,000.00	8,805.88	8,800.00
10-40-50-510-040	WU/Ops/PnP/Standby Pay				
10-40-50-530-010	WU/Ops/PnP/FICA Taxes	16,106.00	16,355.16	10,456.56	17,188.14
10-40-50-530-020	WU/Ops/PnP/Retirement Contributions	115,572.00	51,310.32	34,477.14	53,923.58
10-40-50-530-030	WU/Ops/PnP/Life and Health Insurance	19,877.00	19,694.00	13,774.24	12,322.80
OPS - FIELD - TandD		3,845,794.00	3,927,575.80	2,398,592.55	4,393,329.83
10-40-60-510-010	WU/Ops/TnD/Salaries and Wages	1,700,663.00	2,361,715.00	1,403,101.50	2,693,766.60
10-40-60-510-020	WU/Ops/TnD/Temporary Assignment	30,132.00	25,000.00	21,365.25	25,000.00
10-40-60-510-030	WU/Ops/TnD/Overtime	314,542.00	210,000.00	180,346.85	231,000.00
10-40-60-510-040	WU/Ops/TnD/Standby Pay	195,420.00	185,000.00	137,460.65	185,000.00
10-40-60-530-010	WU/Ops/TnD/FICA Taxes	188,828.00	212,801.20	130,292.36	239,809.64
10-40-60-530-020	WU/Ops/TnD/Retirement Contributions	1,183,552.00	667,611.60	373,024.59	752,343.98
10-40-60-530-030	WU/Ops/TnD/Life and Health Insurance	232,657.00	265,448.00	153,001.35	266,409.60
GRAND TOTALS		10,298,961.49	11,345,615.63	6,355,933.06	12,876,675.66
10-01-10-510-010	WU/Admin/Admin/Salaries and Wages	5,041,605.00	7,278,750.00	4,040,331.58	8,403,158.50
10-01-10-510-020	WU/Admin/Admin/Temporary Assignment	69,364.49	60,500.00	40,871.38	60,500.00
10-01-10-510-030	WU/Admin/Admin/Overtime	603,709.00	477,000.00	373,468.35	513,400.00
10-01-10-510-040	WU/Admin/Admin/Standby Pay	205,795.00	195,000.00	147,905.43	195,000.00
10-01-10-520-010	WU/Admin/Admin/Compensated Annual leave	-	90,000.00	-	90,000.00
10-01-10-520-030	WU/Admin/Admin/Compensated CT	-	10,000.00	-	10,000.00
10-01-10-530-010	WU/Admin/Admin/FICA Taxes	497,562.00	620,510.63	343,698.27	709,312.48
10-01-10-530-020	WU/Admin/Admin/Retirement Contributions	3,341,959.00	1,935,900.00	1,022,061.97	2,201,294.04
10-01-10-530-030	WU/Admin/Admin/Life and Health Insurance	538,967.00	677,955.00	387,596.08	694,010.64
Budget Increase			479,158.79		1,531,060.03

Proposed Salaries & Wages
Vacant Positions

Employee Name		(Multiple Items)	
Row Labels	Sum of Annual Salary	Product of %	Sum of FY23 ProposedSalary
Admin	575,983	100%	575,983
Admin	159,340	100%	159,340
Business Administrator	159,340	100%	159,340
AdmSvs	107,163	100%	107,163
Program Support Technician I	54,646	100%	54,646
Senior Clerk	52,517	100%	52,517
Comm	70,560	100%	70,560
Information Specialist I	70,560	100%	70,560
Intern	45,000	100%	45,000
Intern 1	7,500	100%	7,500
Intern 2	7,500	100%	7,500
Intern 3	7,500	100%	7,500
Intern 4	7,500	100%	7,500
Intern 5	7,500	100%	7,500
Intern 6	7,500	100%	7,500
IT	193,920	100%	193,920
Computer Systems Support Technician I	56,316	100%	56,316
Waterworks Information Technology Manager	137,604	100%	137,604
Eng	689,034	100%	689,032
Env	194,714	100%	194,713
Civil Engineer III	83,198	100%	83,198
Civil Engineer V	111,515	100%	111,515
PrjMgnt	192,458	100%	192,457
Civil Engineer V	111,515	100%	111,515
Waterworks Inspector III	80,942	100%	80,942
WQ	82,543	100%	82,543
Water Microbiologist IV (reallocate to Water Microbiologist III)	82,543	100%	82,543
WRP	219,320	100%	219,319
Advisor to the Board of Water Supply (reallocate to CE IV)	92,887	100%	92,887
Civil Engineer III (reallocate to CE I eff 4/1/22)	71,786	100%	71,786
Engineering Support Technician IV (reallocate to EST I eff 4/1/22)	54,646	100%	54,646
Fiscal	181,654	100%	181,654
Accounting	146,878	100%	146,878
Accountant I	70,560	100%	70,560

Accountant II	76,318	100%	76,318
Billing	34,776	100%	34,776
Meter Reader I	34,776	100%	34,776
Ops	555,496	75%	538,731
Field	62,345	100%	62,345
Water Meter Mechanic	62,345	100%	62,345
Field-E	114,068	100%	114,068
Pipefitter (E)	62,345	100%	62,345
Pipefitter Helper (E)	51,723	100%	51,723
Field-W	62,345	100%	62,345
Pipefitter (W)	62,345	100%	62,345
Plant	250,576	75%	233,810
Assistant Water Plant Operator	51,723	100%	51,723
Automotive Mechanic I	64,714	100%	64,714
Plant Electrician (currently reallocated to Fiscal-Janitor II)	67,070	75%	50,303
Water Plant Operator I	67,070	100%	67,070
Plant-Source	66,163	100%	66,163
Maintenance Worker II	66,163	100%	66,163
Grand Total	2,002,167	75%	1,985,400

Motor Vehicle - Inventory in March 2022

YEAR	VEHICLE DESCRIPTION	LICENSE NO.	COST NEW	MILES	OWNER	ASSIGNED
2003	FORD ESCAPE 4D MPVH 4X4	CK1759	\$23,426	130,532 mi	Operations-Plant	Auto Shop-Loaner
2003	FORD ESCAPE 4D MPVH 4X4	CK1769	\$22,595	28,611 mi	Eng-Water Resources	Shared
2003	FORD ESCAPE 4D MPVH 4X4	CK1770	\$22,595	50,148 mi	Engineering	Shared
2004	FORD F477 TRUCK 4X4	CK1785	\$70,798	111,307 mi	Operations-Plant	Auto Mechanic
2007	FORD RANGER 4X2 REG CAB	CK1961	\$21,311	58,287 mi	Operations-Plant	Auto Mechanic
2007	FORD F450 W/UTILITY BODY 4X2	CK1964	\$76,298	107,060 mi	Operations-Plant	Maintenance Crew
2008	FORD F450 W/UTILITY BODY 4X2	CK1965	\$72,283	101,967 mi	Operations-Plant	Maintenance Crew
2008	GMC C5500 DUMP TRUCK	CK2020	\$72,659	109,898 mi	Operations	Field Dump-shared
2008	FORD x464 TRUCK (Utility)	CK2047	\$74,689	134,531 mi	Operations	Shared-Field Crews
2009	FORD RANGER REG CAB 4X2	CK2067	\$16,191	178,139 mi	Operations	Shared
2010	JEEP PATRIOT (MPVH)	CK2122	\$22,995	36,939 mi	Eng-Project Management	Civil Engineer
2011	INTERNATIONAL DUMP TRUCK	CK2128	\$96,983	62,029 mi	Operations-Field	East Dump
2010	TOYOTA MPVH T5522/4WD	CK2134	\$40,004	90,754 mi	Eng-Water Resources	Microbiology
2011	DODGE -DR1500	CK2143	\$30,541	114,106 mi	Operations-Plant	Water Plant Operator-Vacant
2011	NISSAN LEAF 4DSD	CK2153	\$37,986	9,038 mi	Administration	Deputy
2012	TOYOTA RAV4 2WD V-6	CK2160	\$26,687	162,591 mi	Fiscal-Billing	Meter Reader Sup
2012	TOYOTA RAV4 4WD V-6	CK2161	\$28,094	81,972 mi	Operations-Plant	Plants Sup
2012	TOYOTA RAV4 2WD V-6	CK2162	\$26,687	175,823 mi	Fiscal-Billing	Meter Reader
2012	TOYOTA RAV4 4WD V-6	CK2163	\$28,094	65,028 mi	Operations-Field	Leak Investigator
2012	FORD VAN	CK2166	\$52,804	102,000 mi	Operations-Plant	Electrician
2012	DODGE - DR1500 -QUAD CAB -4X4	CK2188	\$28,547	76485 mi	Operations	Chief of Ops
2012	DODGE - DR1500 -CREW CAB -4X4	CK2189	\$27,361	62,634 mi	Eng-Project Management	Shared
2013	FORD F450 TRUCK (Utility)	CK2237	\$99,161	99,444 mi	Operations-Field	Lead PF
2014	FORD EXPLORER	CK2264	\$36,365	17,421 mi	Eng-Project Management	Shared
2014	FORD F150	CK2265	\$41,818	50,002 mi	Eng-Project Management	Inspector
2014	FORD F150	CK2266	\$41,818	11,850 mi	Eng-Project Management	Inspector
2014	PETERBILT DUMP TRUCK	CK2304	\$183,197	34,272 mi	Operations-Plant	Plant Dump
2015	FORD F250 TRUCK	CK2310	\$37,278	82,464 mi	Operations-Plant	Water Plant Operator-Vacant
2015	FORD F250	CK2341	\$40,276	87,115 mi	Operations-Plant	Water Plant Operator II
2016	NISSAN FRONTIER PICKUP	CK2345	\$27,714	18,850 mi	Fiscal-Billing	Meter Reader
2016	FORD F-450 PICKUP	CK2350	\$122,626	59,253 mi	Operations-Field	Lead PF
2016	FORD F-450 SUPER DUTY PICKUP	CK2351	\$95,836	67,882 mi	Operations-Field	Lead PF
2016	FORD F-250 SUPER DUTY PICKUP	CK2352	\$65,415	45,002 mi	Operations-Field	West Supervisor
2016	FORD F-250	CK2355	\$47,149	59,405 mi	Operations-Plant	Water Plant Operator
2016	FORD F-150 PICKUP	CK2356	\$44,513	31,365 mi	Operations	Assistant Chief of Ops
2016	CHEVROLET COLORADO PICKUP	CK2357	\$40,954	71,581 mi	Operations-Field	East Supervisor
2016	FORD F-550	CK2389	\$71,469	40,465 mi	Operations-Field	Dump (not CDL) Shared
2018	JEEP CHEROKEE	CK2414	\$39,491	123,393 mi	Eng-Project Management	Shared
2017	FORD F-550 PICKUP	CK2422	\$111,829	51,098 mi	Operations-Field	Lead PF
2017	FORD F-550 PICKUP	CK2423	\$111,802	25,964 mi	Operations-Field	Lead PF
2017	FORD F250 PICKUP	CK2424	\$62,661	7,348 mi	Operations-Plant	Welder
2018	FORD F-150 PICKUP	CK2425	\$51,435	25,100 mi	Operations-Field	Meter Mechanic
2017	FORD F-250 PICKUP	CK2426	\$57,430	25,610 mi	Operations-Plant	Electrician
2019	INTERNATIONAL TANK TRUCK	CK2438	\$137,821	2,546 mi	Operations-Field	Tanker
2019	PETERBILT DUMP TRUCK	CK2466	\$155,732	13,009 mi	Operations-Field	West Dump
2019	NISSAN MPVH PICKUP	CK2473	\$28,894	4,506 mi	Administration	MCE
2019	NISSAN MPVH PICKUP	CK2474	\$28,894	5,860 mi	Administration	Shared
2019	NISSAN FRONTIER PICKUP	CK2478	\$24,514	18,440 mi	Fiscal-Billing	Meter Reader
2019	FORD F-150 4X4	CK2493	\$51,264	16,702 mi	Operations-Field	Field Sup
2019	FORD RANGER PICKUP	CK2500	\$35,695	13,280 mi	Eng-Water Resources	Microbiology
2019	DODGE RAM PICKUP	CK2524	\$39,767	13,530 mi	Operations-Plant	Groundskeeper
2020	Peterbilt 348 DUMP TRUCK	CK2539	\$152,228	5,620 mi	Operations-Field	East Dump
2020	FORD F-150 4X4 W/ WORKPOD	CK2568	\$54,036	5,466 mi	Operations-Field	Leak Investigator
2020	FORD F-550 W/ CRANE BODY	CK2569	\$157,142	1,121 mi	Operations-Plant	Auto/Equipment Mech
2020	Peterbilt 348 DUMP TRUCK	CK2574	\$155,444	60 mi	Operations-Field	East Dump
2020	FORD F450 W/UTILITY BODY 4X4	CK2585	\$84,012	145 mi	Operations-Plant	Maintenance Crew

A horizontal splash of clear blue water with bubbles, positioned behind the text.

STAFF

REPORTS

FISCAL REPORT: MONTHLY SUMMARY HIGHLIGHTS – MARCH 2022

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

YEAR TO DATE (YTD) BUDGET & ACTUAL EXPENSES SUMMARY – AS OF MARCH 2022

	<u>BUDGET</u>	<u>vs</u>	<u>EXPENSED</u>
· Operating Expenses	\$25,765,295		\$17,841,990
· Debt Principal Payment	5,170,095		4,998,368
· Capital Projects	<u>34,151,298</u>		<u>425,325</u>
TOTAL	<u>\$65,086,688</u>		<u>\$23,265,683</u>

REVENUES: VARIANCE = “ACTUAL” LESS “BUDGET”- POSITIVE INDICATES HIGHER PERFORMANCE THAN EXPECTED & NEGATIVE IS VICE VERSA.

- Total Revenue as of March 2022 was 27% below projection.
 - Water sales of \$21.5 million (M) was \$2.7M or 15% higher than projected.
 - Other Water Revenues - Revenues from Fire hydrants of \$1.7M and other receipts of \$83.4 thousand (K) were \$121.1K below projection.
 - Capital Contributions: Contributions from Federal & State Grants – \$605.0K.
 - Investment Income & Net Increase in FV of Investments –\$95.6K.
 - Miscellaneous Revenues - \$34.0K.

OPERATING EXPENSES: VARIANCE = BUDGET LESS ACTUAL

EXPENSES: POSITIVE VARIANCE INDICATES LOWER ACTUAL EXPENSES VS. BUDGET. **REVISED YTD BUDGET COLUMNS INCLUDE PO ROLLOVER FROM FY ENDING 2021.**

- YTD Operating Expenses before depreciation and amortization was \$17.0M. Total spending was \$8.8M lower than budget.
 - Employee Related Expenses –\$8.2M with a 17% positive variance.
 - Contracts & Services – \$3.5M with a 62% positive variance.
 - Professional Services, Other Services – Billing, Communication, Insurance and Repairs and Maintenance for non-water systems are the main items contributing to the 62% positive variance.
 - Fuel & Utilities – \$2.2M with a \$40.4K positive variance.
 - Bulk Water Purchase –\$1.2M with a 12% positive variance.
 - Office & Operating Supplies – \$715.3K with 28% positive variance.
 - Training, Travel & Meeting Expenses – \$52.1K or 62% positive variance.
 - Debt Service – Interest Expense - \$2.0M.
 - Depreciation & Amortization (non-cash expenses) is \$5.3M.

NET OPERATING INCOME:

- Net Operating Income before depreciation and amortization - \$6.1M.
- Net Operating Income after depreciation & amortization was a positive \$825.1K.

NON-OPERATING PROCEEDS & DISBURSEMENTS

- SRF Loan Proceeds – None.
- FRC – Facility Reserve Charge –\$608.4K.
- YTD Debt Principal Payment is \$5.0M.

CAPITAL PROJECTS BUDGET: YTD DISBURSEMENTS = \$425,325.25

- Capital Projects: Water Utility Fund - \$424.8K
- Capital Projects: FRC Fund – (\$4.8K)
- Capital Projects: BAB Fund - \$5.3K
- Capital Projects: SRF Loan Fund - None

II. COMPARATIVE CHARTS:

METERED CONSUMPTION:

- March 2022, monthly metered consumption of 328.0 million gallons (mg) increased by 66.3 mg as compared from the same month of FY 2021.
- Year to Date (YTD) metered consumption as of 3/31/22 was 3,054.1 mg with a YTD cumulative increase of 418.3 mg as compared from the same month of FY 2021.

III. STATEMENT OF NET POSITION (BALANCE SHEET): SEE ATTACHED.

Statement of Net Position as of March 31, 2022 (unadjusted).

IV. OTHER FISCAL ONGOING ACTIVITIES/INITIATIVES:

- Proposed Annual Budget – in progress.
- Annual Water Audit – due 6/30/22.
- Notice to Proceed was issued to Raftelis Consultants to commence the Water Rate Study.
- MS Great Plains (GP) upgrade – no new update.
- Procurement in Process – Financial Accounting Audit Services.
- Procurement of Armored Car Services.
- Planned Procurement: Development of Financial Policies for DOW.
- Planned Procurement: Budget Program Solution – It will be addressed concurrently with the Financial Policies Development procurement.

MY/

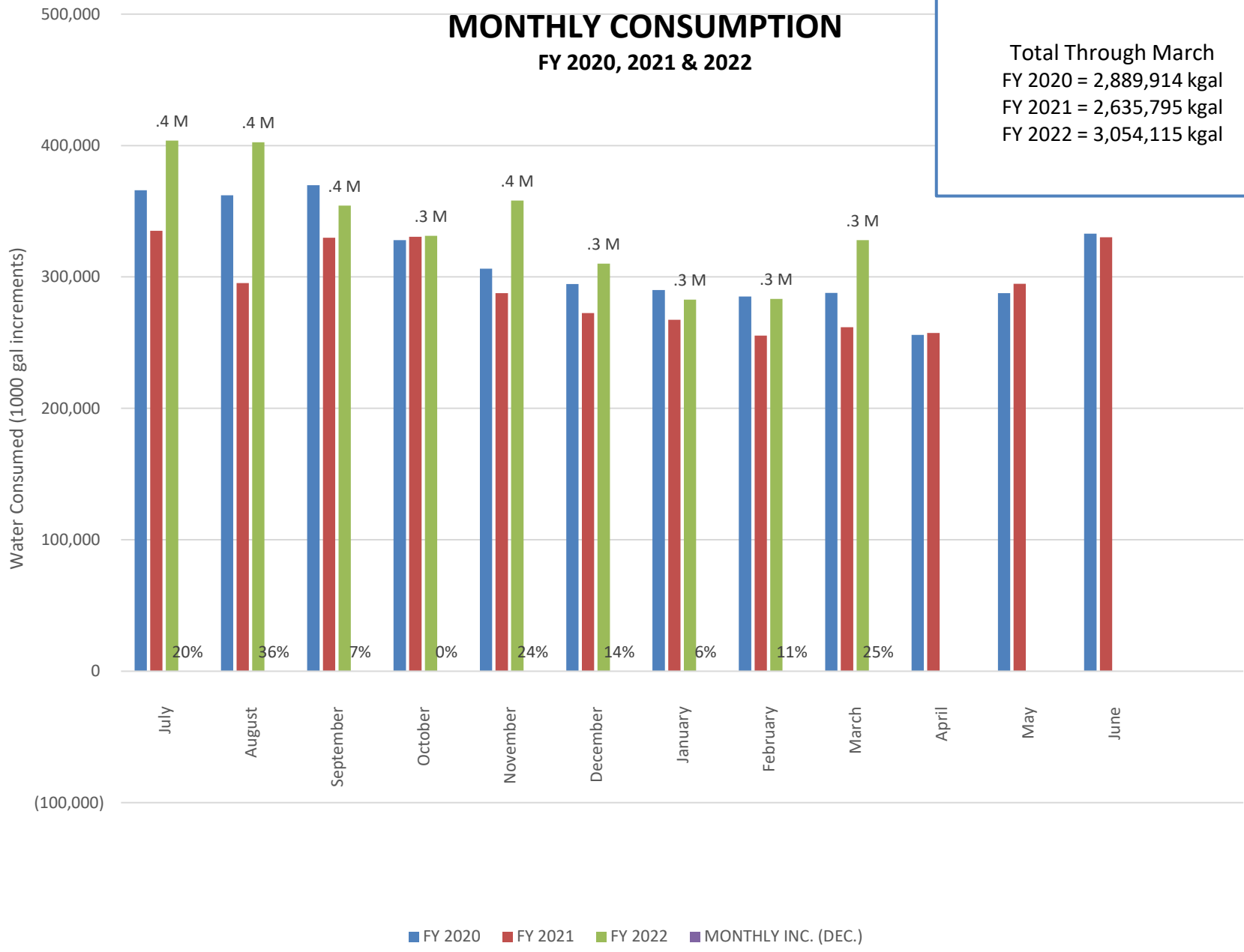


Department of Water, County of Kauai
 Monthly Budget Summary vs. Actual
SUMMARY
 3/31/2022
 March

	March				FY 2022			
	Original Budget	Revised Budget	Actual	Variance	Revised YTD Budget	YTD Actual	*Variance	Variance %
I. OPERATING BUDGET								
Revenue								
Water Sales	\$2,085,217.00	\$2,085,217.00	\$2,337,459.71	\$252,242.71	\$18,766,953.00	\$21,494,132.54	\$2,727,179.54	15.%
Other Water Revenue Total	206,192.00	206,192.00	197,676.50	(8,515.50)	1,855,728.00	1,734,661.20	(121,066.80)	(7.%)
Capital Contributions Total	1,348,057.00	1,348,057.00	67,222.04	(1,280,834.96)	12,132,513.00	604,998.36	(11,527,514.64)	(95.%)
Investment Income Total	19,584.00	19,584.00	(100,762.31)	(120,346.31)	176,256.00	95,644.61	(80,611.39)	(46.%)
Miscellaneous Revenues Total	709.00	709.00	113.71	(595.29)	6,381.00	34,001.47	27,620.47	433.%
Total Revenue	3,659,759.00	3,659,759.00	2,501,709.65	(1,158,049.35)	32,937,831.00	23,963,438.18	(8,974,392.82)	(27.%)
Expenses								
Total Employee-Related Expenses	1,087,505.00	1,087,505.00	884,638.76	202,866.24	9,787,545.00	8,155,884.30	1,631,660.70	17.%
Total Contracts & Services	641,941.00	641,941.00	318,579.86	323,361.14	9,122,955.32	3,501,065.06	5,621,890.26	62.%
Total Exceptional Expenses								
Total Fuel & Utilities	248,865.00	248,865.00	260,097.19	(11,232.19)	2,239,785.00	2,199,378.66	40,406.34	2.%
Total Bulk Water Purchase	151,681.00	151,681.00	143,831.07	7,849.93	1,366,493.96	1,198,592.83	167,901.13	12.%
Total Office & Operating Supplies	82,871.00	82,871.00	(21,528.47)	104,399.47	998,680.50	715,295.17	283,385.33	28.%
Total Training, Travel & Meeting Expenses	14,753.00	14,753.00	4,092.30	10,660.70	135,636.68	52,141.75	83,494.93	62.%
Total Interest Expense	234,911.00	234,911.00	225,373.14	9,537.86	2,114,199.00	2,019,632.46	94,566.54	4.%
Total Operating Expenses	2,462,527.00	2,462,527.00	1,815,083.85	647,443.15	25,765,295.46	17,841,990.23	7,923,305.23	31.%
Net Operating Income (Loss) Before Depreciation & Amortization	1,197,232.00	1,197,232.00	686,625.80	(510,606.20)	7,172,535.54	6,121,447.95	(1,051,087.59)	(15.%)
Total Depreciation & Amortization	661,895.00	661,895.00	581,548.40	80,346.60	5,957,055.00	5,296,343.15	660,711.85	11.%
Net Operating Income (Loss)	535,337.00	535,337.00	105,077.40	(430,259.60)	1,215,480.54	825,104.80	(390,375.74)	(32.%)
Non Operating Proceeds	1,191,667.00	1,191,667.00		(1,191,667.00)	10,725,003.00		(10,725,003.00)	(100.%)
FRC-Facility Reserve Charge	66,667.00	66,667.00	91,755.00	25,088.00	600,003.00	608,355.00	8,352.00	1.%
Total Non Operating Proceeds	1,258,334.00	1,258,334.00	91,755.00	(1,166,579.00)	11,325,006.00	608,355.00	(10,716,651.00)	(95.%)
Transfers Out(In) to Other Funds								
Debt Principal Payment					5,170,095.00	4,998,368.24	171,726.76	3.%
Net Proceeds (Expenditures)	1,793,671.00	1,793,671.00	196,832.40	(1,596,838.60)	7,370,391.54	(3,564,908.44)	(10,935,299.98)	(148.%)
II. CAPITAL BUDGET								
Capital Projects (See Attached for Details)	2,447,249.00	2,447,249.00	172,319.58	2,274,929.42	34,151,297.98	425,325.25	33,725,972.73	99.%

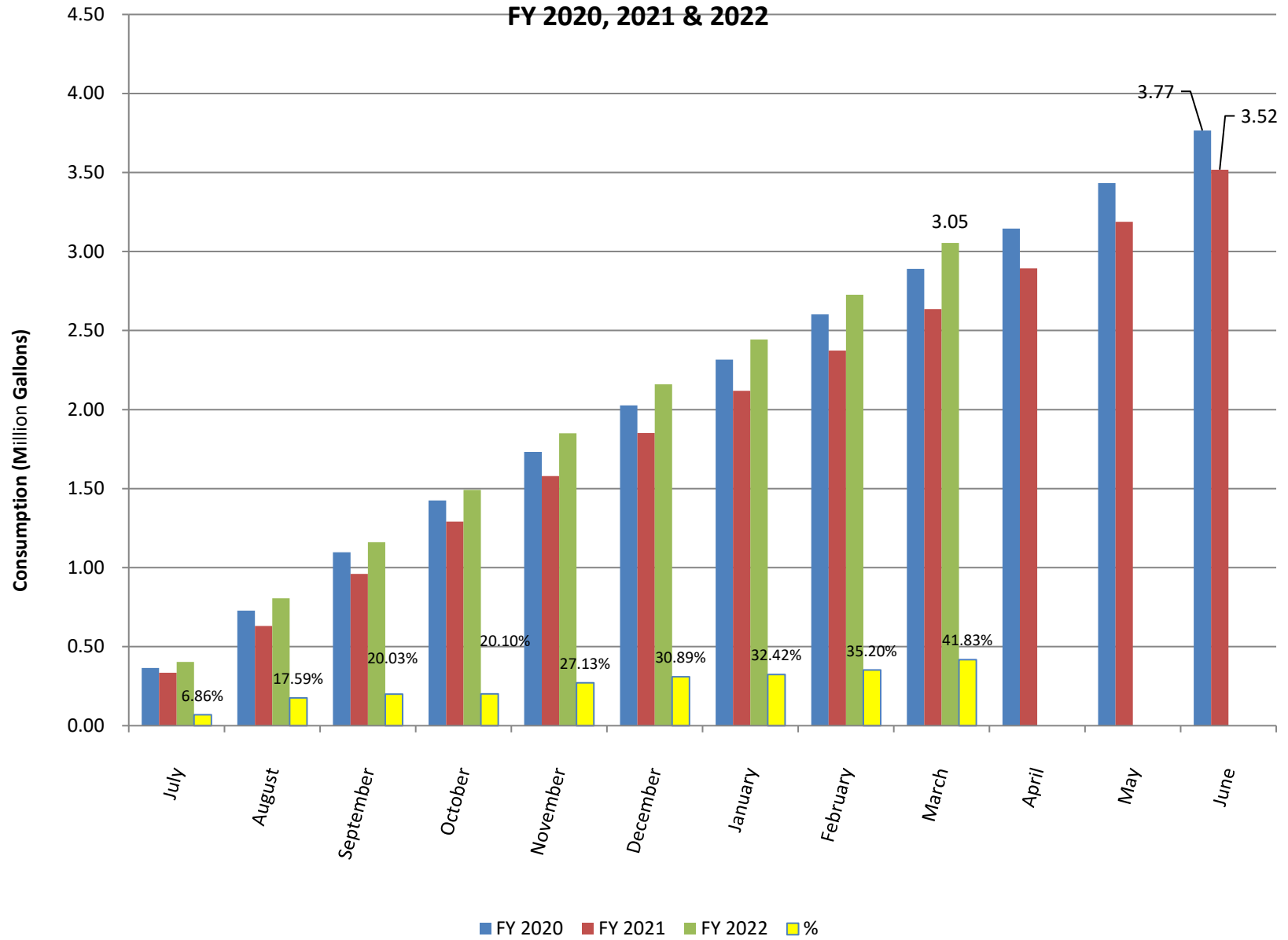
MONTHLY CONSUMPTION FY 2020, 2021 & 2022

Total Through March
 FY 2020 = 2,889,914 kgal
 FY 2021 = 2,635,795 kgal
 FY 2022 = 3,054,115 kgal

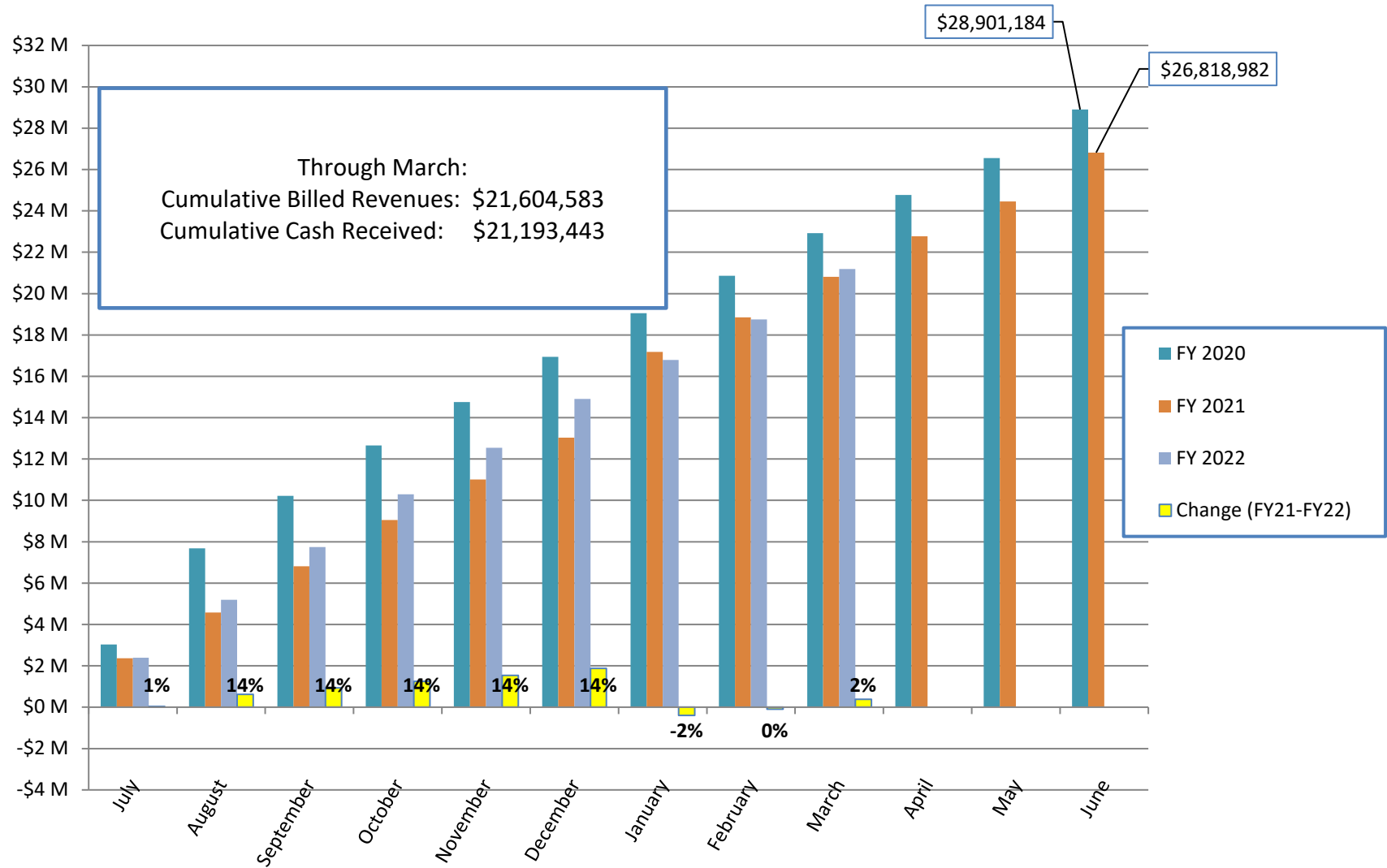


YTD CUMULATIVE WATER CONSUMPTION

FY 2020, 2021 & 2022

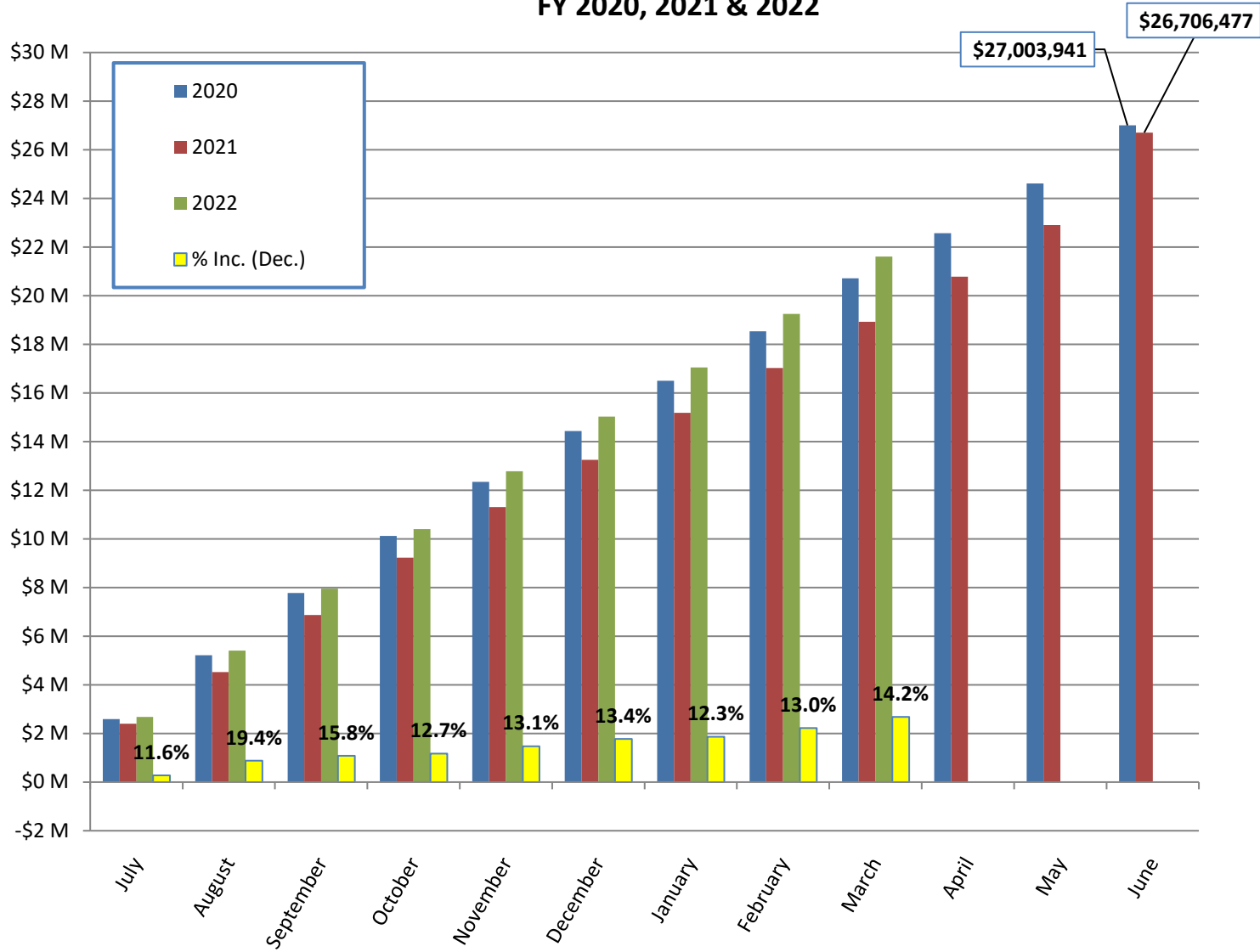


WU CUMULATIVE CASH RECEIPTS FY 2020, 2021 & 2022



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

CUMULATIVE BILLED REVENUES FY 2020, 2021 & 2022



Assets and Deferred Outflows

Current Assets

Cash	\$7,230,705.83
Equity interest in pooled investments	6,832,721.54

Receivables:

Accounts, net of allowance for doubtful accounts	1,457,778.32
Due from other funds	
Unbilled accounts	1,600,825.50
Grants and subsidies	941,108.54
Accrued interest	161,209.36
Total receivables	<u>4,160,921.72</u>

Materials and supplies	1,006,099.32
Prepaid expenses	45,231.85
Total current asset	<u>19,275,680.26</u>

Restricted Assets:

Facility reserve charge funds:

Cash	1,934,010.32
Equity interest in pool investments	
Accounts receivable and other	403,332.20
Total facility reserve charge funds	<u>2,337,342.52</u>

Bond funds:

Cash	1,188,909.22
Equity interest in pooled investments	8,370,751.63
Accrued interest	14,862.71
Total bond funds	<u>9,574,523.56</u>

Total restricted assets	<u>11,911,866.08</u>
--------------------------------	-----------------------------

Equity Interest in Pooled Investment - Noncurrent

Investment - Non-Current	26,563,189.70
Investment - Reserves	9,000,000.00
Investment - Debt Service Reserve	
Total Equity Interest in Pooled Investment - Noncurrent	35,563,189.70

Utility Plant:

In service	349,374,384.90
Accumulated depreciation	(127,702,029.62)
Total utility plant	<u>221,672,355.28</u>

Construction work in progress	19,388,733.28
Total property, plant and equipment	<u>241,061,088.56</u>

Total assets	<u>307,811,824.60</u>
---------------------	------------------------------

Deferred Outflow of Resources - Deferred Refunding Costs, net	7,892,088.84
Total assets and deferred outflows	<u>315,703,913.44</u>

*Allowance for doubtful accounts	(207,424.15)
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Liabilities and Net Position

Current Liabilities:

Accounts payable and accrued liabilities	1,241,895.56
Contracts payable, including retainages	648,332.41
Accrued Vacation And Compensatory Pay, current portion	540,090.26
Due to/Due From Other Funds	
Customer overpayment	226,478.83
Customer deposits and advances	510,503.17
Current portion of long term debt	5,170,094.58
Current portion of capital lease obligation	

Total current liabilities **8,337,606.54**

Long-Term Debt	51,839,089.67
Capital Lease Obligation	
OPEB & Retirement Benefits	29,057,567.52
Accrued Vacation and Compensatory Pay	1,061,073.85
Deferred Inflow of Assets	3,349,684.00

Total liabilities and deferred inflows: **93,645,021.58**

Net Position:

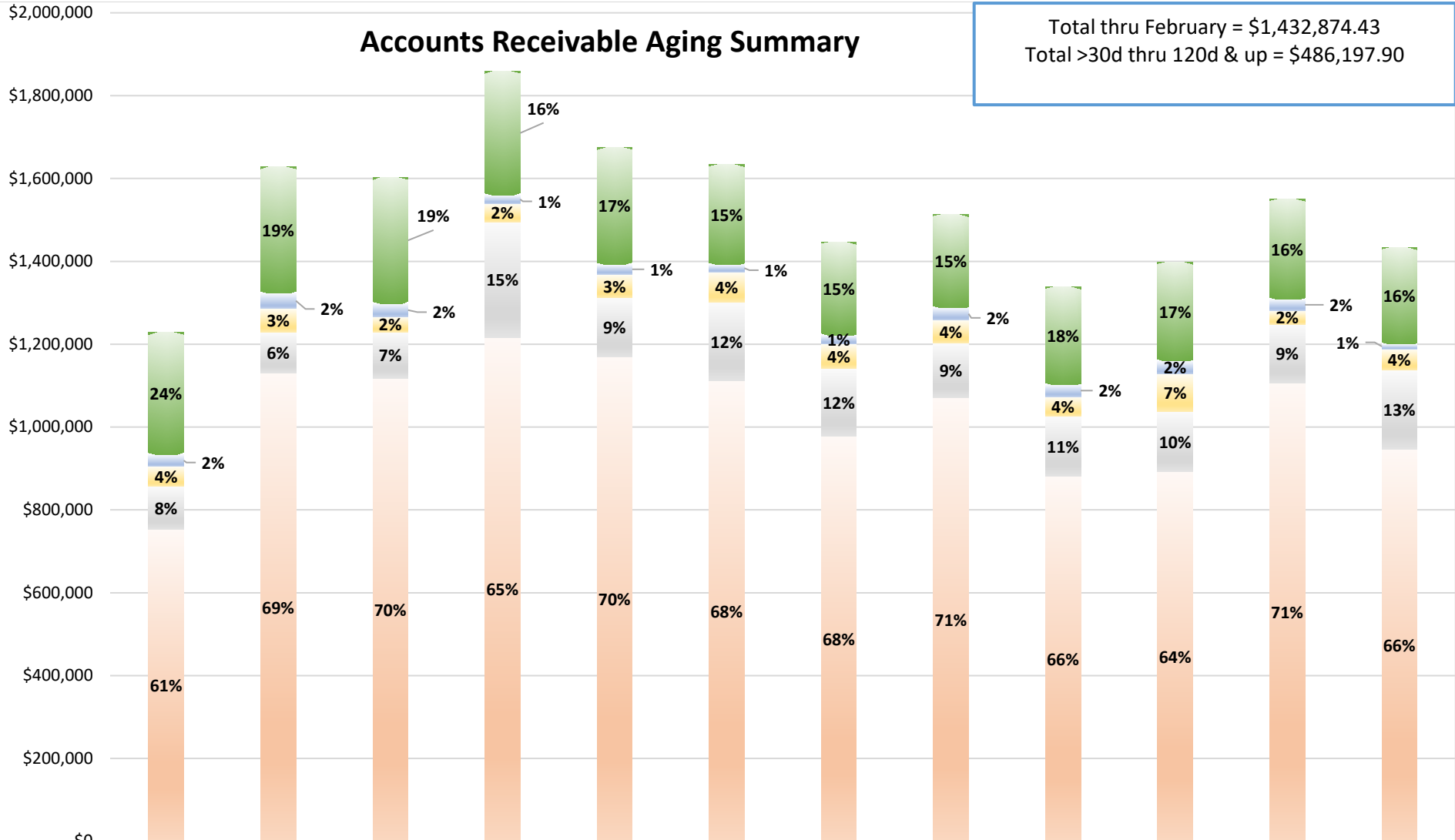
Water Utility Reserves	9,000,000.00
Restricted FRC	2,329,491.76
Restricted Build American Bonds	9,467,490.89
Invested in Capital Assets Net of Related Debt	183,956,874.07
Unrestricted	17,305,035.14

Total net position **222,058,891.86**

Total liabilities, deferred inflows and net position: **315,703,913.44**

Accounts Receivable Aging Summary

Total thru February = \$1,432,874.43
 Total >30d thru 120d & up = \$486,197.90



	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22
121 days and over	\$295,191	\$305,635	\$304,593	\$299,428	\$282,882	\$240,783	\$223,428	\$224,064	\$235,516	\$238,389	\$241,358	\$232,210
91-120 days	\$28,801	\$36,974	\$31,973	\$20,378	\$23,726	\$18,305	\$21,463	\$30,065	\$29,192	\$31,305	\$27,490	\$12,167
61-90 days	\$48,425	\$56,984	\$36,744	\$44,461	\$57,021	\$73,096	\$59,044	\$55,620	\$47,341	\$90,933	\$33,108	\$51,517
31-60 days	\$103,880	\$99,573	\$111,658	\$278,491	\$142,845	\$189,626	\$163,726	\$132,167	\$144,413	\$145,059	\$142,017	\$190,304
0-30 days	\$752,624	\$1,129,799	\$1,117,983	\$1,216,650	\$1,169,088	\$1,111,708	\$977,992	\$1,070,638	\$881,641	\$892,283	\$1,106,268	\$946,677

DEPARTMENT OF WATER

County of Kaua'i

"Water has no Substitute – Conserve it!"

INFORMATION & EDUCATION SPECIALIST REPORT

April 28, 2022

Public Notices and Announcements

All news releases are sent to statewide media partners, published online via the Department's Facebook page and on the County of Kaua'i's website at www.kauai.gov/press-releases. Notices labeled as a Public Service Announcement (PSA) are shared directly with local radio stations, newspaper and posted on the Department's Facebook page. 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>
03/24/2022	n/a	Road closure – portion of Omao Road for road work	March 31 from 8 a.m. to 1 p.m.	
04/06/2022	Kapa'a - Hau'a'ala Road from Moa Road to Keapana Road and includes Keapana Road and Makamaka Street	Overnight water service shutdown for valve relocation work; low water pressure expected	April 13 – 14 from 9 p.m. to 5 a.m.	Blackboard CTY Garden Island Newspaper <i>(Attached)</i>
04/06/2022	n/a	Water partners expand leak detection awareness to more than 1k homes	n/a	Garden Island Newspaper <i>(Attached)</i>
04/12/2022	Anahola – 'Aliomanu Road, Kukuna Road and Pu'u Hale Loop	Emergency water service shutdown due to mainline break	April 12 from 9:30 to 11:30 a.m.	Blackboard CTY KauaiNewsNow.com <i>(Attached)</i>
04/14/2022	Kapa'a - Hau'a'ala Road from Moa Road to Keapana Road, and includes Makamaka Street, Keapana Road, Mailihuna Road, Silva Road, Kolohala Road and a portion of Kawaihau Road between Hau'a'ala Road and Nunu Road	Overnight water service shutdown scheduled for waterline replacement work; low water pressure expected	April 21 – 22 from 9 p.m. to 5 a.m.	Blackboard CTY

Other media:

- The Department of Water (DOW) was featured in the online article regarding "Fix a Leak Week" on www.kauainownews.com entitled, "Leak detection toilet tablets, kits offered during 'Fix a Leak Week' *(Attached)*."
- DOW received a front-page feature in the Garden Island Newspaper on March 11, 2022, for "Fix a leak week" in an article entitled, "Fix that leak" written by Dennis Fujimoto *(Attached)*.

Public Relations Program

Community Outreach & Education

- The Department’s “Wise Water Wednesday” campaign for the month of April includes outdoor water conservation tips, “how to locate your meter”, leak detection reminders and bill payment options. The weekly media campaign is published on the Department’s Facebook page, in radio advertisements and via print banner ad in the Garden Island Newspaper.
- The Department’s participation in the EPA WaterSense, “Fix a Leak Week” campaign was a success resulting in distribution of leak detection awareness kits and toilet tablets to more than 1k homes. An in-store display at Tanaka Hardware Store in Līhu’e and distribution to all Hawai’i Public Housing Authority sites were key partnerships in this year’s campaign. PR continues to receive request for informational brochures and toilet leak detection tablets.
- The Department donated 300 reusable bags and 300 logo pens to the Waimea High School Health Academy’s community health fair event held on April 2, 2022 in Waimea.

Upcoming Community Outreach & Educational Events

- Water Education Presentation at Hawai’i Tech Academy, April 27, 2022
- AWWA National Drinking Water Week – May 1-7, 2022
- Project WET Educator Workshop in Kailua-Kona – May 25, 2022

Project WET Hawaii

- Jonell Kaohelaulii met with Project WET coordinators on April 7, 2022, as part of the Project WET committee meeting to discuss conference details and the upcoming coordinator newsletter improvements. The next newsletter will focus on region 2.
- An online survey was sent out to 5th grade teachers to gauge interest and feedback on attending DOW’s Make a Splash with Project WET Festival next school year. The results will help determine scheduling and coordination for the event.

Attachments: *GardenIsland* (Department of Water offers free leak detection starter kits)
 KauaiNowNews (Leak detection, toilet tablets, kits offered during ‘Fix a Leak Week’)
 GardenIsland (Leak detection awareness expanded)
 GardenIsland (Overnight water shutdown in Kapa’a this week)
 KauaiNewsNow (Emergency water service shutdown for portions of Anahola)

Fix that leak

Department of Water offers free leak detection starter kits



DENNIS FUJIMOTO/THE GARDEN ISLAND

Dennis Fujimoto
THE GARDEN ISLAND

LIHU'E — A toilet leak can use up to 25 gallons of water a day, said Jonell Kaohelauli'i of the Department of Water.

The leak may appear to be small, but at the end of the day, that amounts to 25 gallons of water, 200 gallons of water per month.

Starting March 14 through 18, the Department of Water is inviting people to receive a free leak detection starter kits and toilet tablets at its offices to find and correct the elusive leaks in honor of the U.S. Environmental Protection Agency WaterSense's, National "Fix a Leak Week."

Free toilet tablets are also available at Tanaka Store on Kalena Street, Monday through Friday from 7:30 a.m. to 4 p.m., and Saturdays from 8 a.m. to noon.

Kaohelauli'i said the DOW appreciates the partnership with Tanaka Store where, in addition to finding

Department of Water Manager Joe Tait, and some of the DOW 'ohana are ready to start distributing free Fix-A-Leak kits at the DOW offices in Pua Loke.

SEE WATER, A6

Water

Continued from A1

leaks, the people there have the knowledge of helping customers with information and the right tools and supplies needed to correct the leak.

"Fix a Leak Week" serves as an annual reminder for residents and businesses to take the necessary steps to fix long-standing leaks, no matter how big or small," said DOW Manager and Chief Engineer Joe Tait. "Producing high quality drinking water utilizes vital resources, and together, we can help minimize excessive demand over time, if we all do our part to eliminate leaks."

A leaky toilet is the most common household leak, typically caused by a worn-out toilet flapper (one is included in the fix-a-leak kit). The DOW recommends checking toilets and faucets for leaks, monthly. Undetected leaks can result in an increase in monthly water bill rates if left un-

detected and repaired.

The need for correcting little things like leaky toilets and faucets is wide-ranging as demonstrated by the Board of Water Supply-suggested water-saving practices because of the need to share resources created by the recent tainted water situation from military fuel storage tanks at Red Hill that continues to impact thousands of people who were displaced because of the tainted water.

That situation is compounded by the Tuesday announcement by the Department of Land and Natural Resources that nearly all of the state is starting to experience drought conditions despite Hawai'i being in the time of year when rain is typically plentiful and regular.

The State Commission of Water Resource Management Deputy Kaleo Manuel said, "A significant lack of rainfall across Maui has resulted in a lack of groundwater recharge and surface flow. Normal wet season rainfall has not materialized and

streams that are normally gushing with water are barely flowing. This is deepening our already-grave concerns about the effects of seasonal drought on water supplies."

Data from the U. S. Drought Monitor that includes information from the Pacific Islands and Virgin Islands, the entire island of Kaua'i, like the remainder of the state, is in a D1, or Moderate Drought, condition with the exception of a northwestern tip being in D2, or Severe Drought, condition. The only other section of Hawai'i sharing the D2 designation is on Maui upcountry, central valley, and West Maui where the SCWRM is advising people "to take immediate actions to reduce water use."

To help conserve water, one of our natural resources, the DOW and the EPA is encouraging consumers to visually inspect household plumbing fixtures and outdoor leaks by following three simple steps: Check (for leaks). Twist (and tighten hose and pipe connections). Replace (fixtures, if necessary).

Leak Detection Toilet Tablets, Kits Offered During 'Fix a Leak Week'

Posted March 10, 2022, 6:30 AM HST · Updated March 9, 9:24 PM

11 Shares

Share Tweet Pin Email

Need help determining if your toilet is leaking? The county Department of Water can help.

In honor of the U.S. Environmental Protection Agency's Fix a Leak Week, the Department of Water is offering free leak detection toilet tablets at its Līhu'e office from March 14-18.

"Fix a Leak Week serves as an annual reminder for residents and businesses to take the necessary steps to fix long-standing leaks, no matter how big or small," said DOW Manager and Chief Engineer Joe Tait in a news release. "Producing high-quality drinking water utilizes vital resources and together, we can help minimize excessive demand over time if we all do our part to eliminate leaks."

Along with the tablets, the department is also offering free leak detection starter kits to help customers start leak detection at home. Kits are offered one per household while supplies last.



-continued-

Additionally, free toilet tablets are available at the Tanaka Hardware Store in Līhu‘e.

“We are grateful for the opportunity to partner with Tanaka Hardware Store to offer free toilet tablets in-store, just in time for Fix a Leak Week,” said Jonell Kaohelaui‘i, DOW’s information and education specialist, in the release. “As an added bonus, their friendly associates can help locate the right hardware to fix or replace a leaking toilet or plumbing fixture.”

The most common household leak is a leaky toilet, which is typically caused by a worn-out toilet flapper. DOW recommends checking toilets for leaks monthly. According to the news release, undetected leaks can result in an increase on monthly water bills if not checked and repaired right away.

The DOW and EPA also encourage consumers to visually inspect household plumbing fixtures and outdoor leaks by following three simple steps: Check. Twist. Replace.

- **Check for leaks.** Look for dripping faucets, showerheads, sprinklers and other fixtures. For toilets, put a few drops of food coloring or a toilet tablet into the tank and wait 10 minutes. If any color appears in the bowl, your toilet has a leak. Don’t forget to also check irrigation systems and outdoor spigots. Examine your lawn for wet spots where grass seems greener. This could indicate a broken underground pipe. If you find a leak, have it repaired as soon as possible.
- **Twist and tighten hose and pipe connections.** For additional savings, twist on a low-flow aerator to each faucet to save water without noticing a difference in flow.
- **Replace the fixture if necessary.** Look for WaterSense labeled models, which are independently certified to use reduce water use by 20% and perform as well as or better than standard models.

For more information about Fix a Leak Week and other leak detection tips, click [here](#). Follow the trend online with the hashtags #FixALeakWeek, #LeakDetective and #FALW and visit the DOW on [Facebook](#).

LEAK DETECTION AWARENESS EXPANDED

Water partners look to reach more than 1k homes

THE GARDEN ISLAND

LIHU'E — The county's Department of Water (DOW) expanded its local participation of national "Fix a Leak Week."

The department distributed leak detection tools and information to more than 1,000 households from March 14 to 31, with the support of local groups who joined DOW's efforts to encourage others to check, fix and replace leaky fixtures and avoid wasting valuable drinking water.

"Thanks to our water partners, Tanaka Hardware Store and the Hawai'i Public Housing Authority, we were able to increase awareness in our communities and expand our reach to residents that receive water service as part of their rent, but do not directly receive a water bill,"



CONTRIBUTED

HPHA Supervisor, Gary Gaines picks up free toilet tablets for 352 public housing units.

said DOW's Information and Education Specialist Jonell Kaohelauli'i.

According to the Environmental Protection Agency, a leaking toilet could waste approximately 200 gallons of water per day; or 6,000 gallons of water per month, which is also the estimated monthly average water use of a single-family household.

By providing 323 leak detection starter kits and 756 leak detection toilet tablets to customers at no cost, DOW encouraged residents to check for toilet leaks and encourage repairs.

"If just 500 customers were able to find and fix their leaking toilet as a result of this effort, that's a potential savings of approximately 3 million gallons of water that could be realized within a month," DOW's Manager and Chief Engineer Joseph Tait said in a release.

Tanaka Hardware Store partnered with DOW this year to host an in-store display and distributed 175 toilet tablets during the campaign.

"Our customers were curious and enthusiastic to use the leak detecting tablets," said Lori Koga, manager at Tanaka Hardware Store.

The locally owned hardware store has agreed to continue offering the free toilet tablets throughout the year.

DOW also received interest from the Hawai'i Public Housing Authority (HPHA) and provided leak detection tablets for more than 350 homes from Kilauea to Kekaha.

"Hawai'i Public Housing Authority thanks the Department of Water for assisting our tenants with the tools to detect leaks that can cause excessive water use," said Gary Gaines, Sr., HPHA's Public Housing Supervisor V. "We believe in water conservation and doing our part to help Kaua'i in this effort and look forward to working the Department of Water on future efforts to save water."

DOW's toilet leak detection tablets are available in their main lobby throughout the year. Leak detection starter kits will be available upon request, while supplies last.

For more information, please call the Department of Water at 808-245-5461 or visit www.facebook.com/KauaiDOW.

Overnight water shutdown in Kapa'a this week

KAPA'A — There will be an overnight water service shutdown to allow contractor Grace Pacific, LLC to conduct valve relocation work, according to the county Department of Water.

Water service will be turned off to a portion of Hau'a'ala Road from Moa Road to Keapana Road, and includes Keapana Road and Makamaka Street in Kapa'a on Wednesday, April 13, from 9 p.m. to 5 a.m. April 14, weather permitting.

Additionally, customers located on a portion of Kawaihau Road from Nunu Road to Iwaena Road, including Pelehu Road, Nunu Road, Ijiwi Road, Iwaena Road, Mimilo Road, Iwaena Loop, Kolohala Road, Mailihuna Road and Silva Road can expect to experience low water pressure during the shutdown.

Road work and intermittent lane closures may also be in place.

Customers located within the service area are advised to prepare for the shutdown by taking the following steps:

- ▶ Store water to meet household needs until water service can be restored;
- ▶ Notify neighbors, family and friends of the shutdown;
- ▶ Monitor water service updates online at [facebook.com/KauaiDOW](https://www.facebook.com/KauaiDOW).

Those with faulty water heaters should ensure their water heaters do not empty during the shutdown.

Door to door notices have been delivered to the affected service areas.

For more information, call the Department of Water at 808-245-5461.

•••

The Garden Island

Kauai News

Emergency Water Service Shutdown For Portions of Anahola

Posted April 12, 2022, 10:04 AM HST



An issue with a water main is forcing an emergency shutdown of water service in several areas of Anahola.

The county Department of Water said in a news release that water service will be shut down for about 4-5 hours on 'Aliomanu Road, Kukuna Road and Pu'u Hale Loop because of a recent main line break in the area.

Partial lane closures might be in place near the work site because of excessive flooding and to provide a safe work zone for repairs.

Updates will be posted on the DOW's Facebook page (www.facebook.com/KauaiDOW) if and when new information is received.

Operations Services Dashboard

Month	Leak Repairs	Calls for Service	Meters Installed and Replaced	Temporary Hydrant Meters	Work Orders Issued	Work Orders Closed	One Call Requests	Auto Repair Shop	Hydrants Hit
Jan-22	36	207	171	1	293	265	29	20	2
Feb-22	35	184	45	2	361	171	43	14	1
Mar-22	30	225	24	2	182	156	35	19	1
Apr-21	36	217	76	0	182	174	33		2
May-21	26	229	53	2	167	165	51		2
Jun-21	40	211	74	2	167	162	18		1
Jul-21	33	191	103	0	176	165	13		1
Aug-21	27	220	99	3	187	184	18		6
Sep-21	19	193	106	1	180	175	39		1
Oct-21	32	198	23	0	146	101	25		1
Nov-21	28	189	13	0	126	118	47	12	4
Dec-21	27	193	15	1	131	113	24	18	0*

Operations Contract Dashboard

Open for Bid

Type	Contract Number	Job Number	Title	Contractor/Vendor

Awaiting Board Approval

Type	Contract Number	Job Number	Title	Contractor

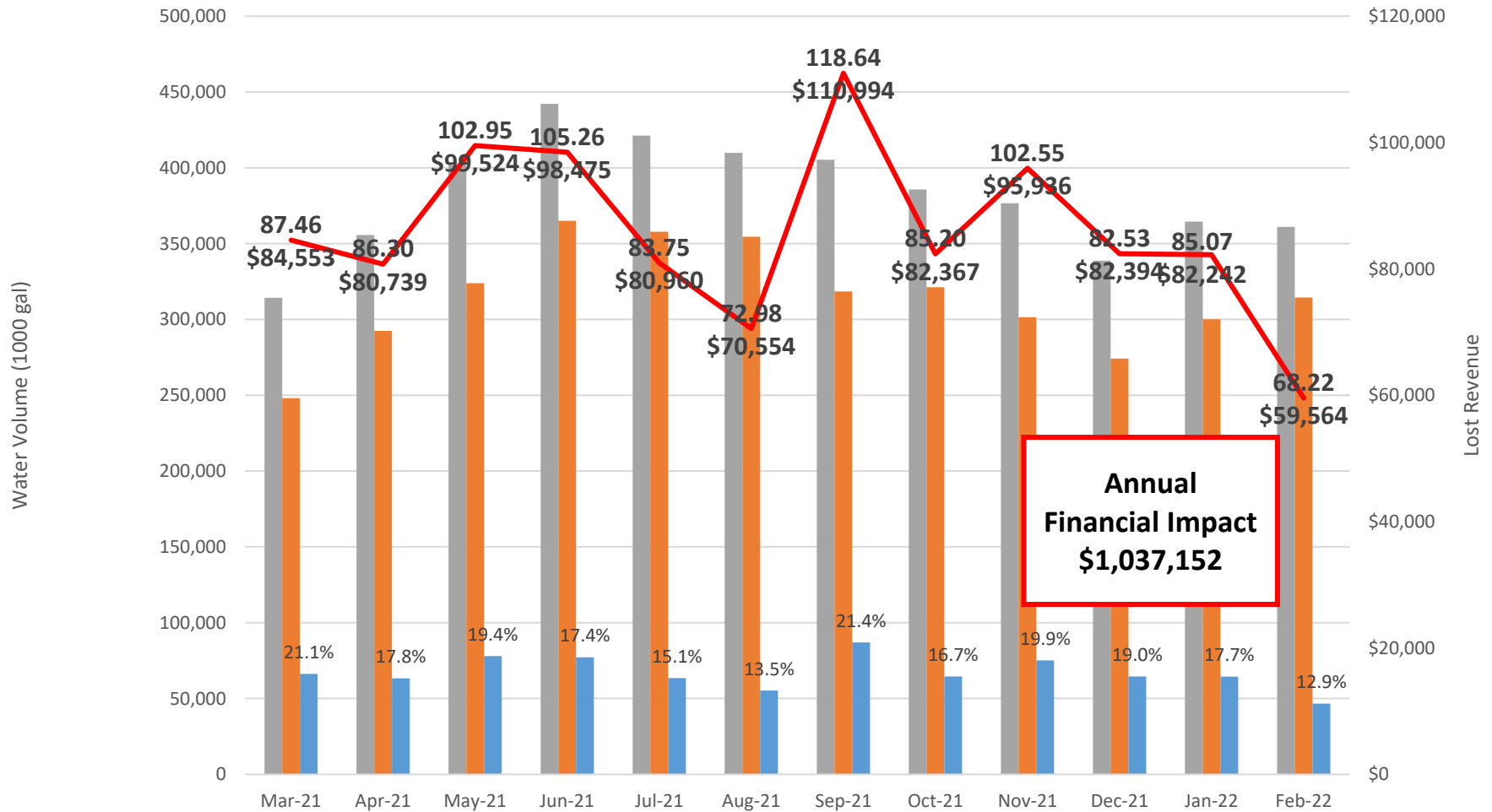
Processing/Notice to Proceed

Type	Contract Number	Job Number	Title	Contractor

Highlights

1. Estimated non-revenue water due to flushing and reported leaks for the month of March is 399,142 gallons
2. Kilohana on-site sodium hypochlorite housing structure design contract pending updated quote from potential consultant.
3. Fuel Master on-going

Monthly Water Audit February 2021 - January 2022



	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22
Produced	314,312	355,704	401,828	442,170	421,226	409,825	405,337	385,707	376,586	338,739	364,525	361,076
Customer Meter Read	248,100	292,478	323,892	365,056	357,828	354,575	318,419	321,207	301,460	274,217	300,122	314,433
Waterloss	66,212	63,226	77,936	77,114	63,398	55,250	86,918	64,500	75,126	64,522	64,403	46,643
Waterloss	\$84,553	\$80,739	\$99,524	\$98,475	\$80,960	\$70,554	\$110,994	\$82,367	\$95,936	\$82,394	\$82,242	\$59,564

DEPARTMENT OF WATER

County of Kaua'i

"Water has no Substitute – Conserve It!"

MANAGER'S UPDATE

April 28, 2022

Pursuant to Board Policy No. 3

CONTRACTS AWARDED/EXTENSION/AMENDMENTS:

- 1 ELEVENTH AMENDMENT TO CONTRACT NO. 535, JOB NO. WRP 01 FY05-06 KAUAI WATER USE AND DEVELOPMENT PLAN UPDATE, LIHU'E, KAUAI, HAWAII WITH FUKUNAGA AND ASSOCIATES, INC. FOR A CONTRACT TIME EXTENSION TO NOVEMBER 9, 2022**

FUNDING:

Account No.	10-22-10-540-010			
Acct Description	WU/Plan/Admin/Professional Services			
Funds Available	<i>Verified by WWC</i>		\$	N/A
Contract No.	535			
Vendor	Fukunaga and Associates, Inc.			
	Contract Amount	\$	513,000.00	
	5% Contingency	\$	1,000.00	
	First Amendment	\$	0.00	
	Second Amendment	\$	0.00	
	Third Amendment	\$	0.00	
	Fourth Amendment	\$	0.00	
	Fifth Amendment	\$	114,400.00	
	Sixth Amendment	\$	0.00	
	Seventh Amendment	\$	0.00	
	Eighth Amendment	\$	0.00	
	Ninth Amendment	\$	0.00	
	Tenth Amendment	\$	0.00	
	Total Funds Certified To Date	\$	628,400.00	
Eleventh Amendment:				
	Contract Time Extension of 180 calendar days	\$	0.00	
	Total Amendment	\$	0.00	
	Contract Amount To Date	\$	627,400.00	
Fund Balance			\$	N/A

BACKGROUND:

Contract NTP Date: July 25, 2011
Original Contract End Date: January 10, 2014
New Contract End Date: November 9, 2022

Notice to proceed for this project was issued on July 25, 2011, with a contract completion date of January 10, 2014. A request for a contract time extension was reviewed, granted and executed on September 10, 2014, to extend the contract completion date to July 2, 2016. An additional contract time extension was reviewed, granted and executed on September 7, 2016, to extend the contract completion date to December 19, 2018.

Due to circumstances beyond the contractor's control, the project has not been able to be completed by the December 19, 2018, contract completion date as several significant policy and water-related issues have caused delays and changes in the original scope of the project. Some of these changes include the coordination of the Kaua'i Water Use and Development Plan (KWUDP) with the Kaua'i General Plan Update, evaluation of the recently completed Līhu'e Community Plan and South Community Plan, coordination with the Commission on Water Resource Management (CWRM) on the update of the Aquifer Section and System sustainable yields (SY) and a request by CWRM regarding the evaluation of traditional and customary practices of the resource.

The project originally evaluated the 2000 Kaua'i General Plan, which has since been updated by the County of Kaua'i Planning Department and approved by the Kaua'i County Council in 2018. The DOW and its consultant coordinated with the Planning Department periodically during the update process to ensure that the impacts of the Kaua'i General Plan Update would be reviewed and addressed in the KWUDP. Additionally, the evaluation of the recently completed Līhu'e Community Plan and South Kaua'i Community Plan were conducted. The evaluation of these recently completed plans, Kaua'i General Plan update, Līhu'e Community Plan and South Kaua'i Community Plan, were not part of the original proposal.

In late 2015, CWRM provided preliminary information of the Aquifer Section and System SY. The information at the time indicated that the new SY for the Hanamā'ulu and Kōloa Aquifer System Areas may have significant impact on the comparison with water demands associated with the full build-out of the County General Plan and Community Development Plans. Discussion and feedback ensued between CWRM, the DOW and the Planning Department regarding the SY values. Subsequent discussion with CWRM indicated that the new SY would not be as low as the 2016 estimates and should not have a significant impact on the comparison with full build-out water demands. It was emphasized that, while CWRM is confident in the new SY values, the SY values may still change and are not final until the Water Resource Protection Plan (WRPP) Update is approved. A public review of the draft WRPP Update was released on November 2, 2018.

In 2016, CWRM also requested that counties incorporate the Ka Pa'akai analysis into the Water Use and Development (WUDP) update to the greatest extent possible and specifically mentioned the Aha Moku Advisory Committee (AMAC). The AMAC is administratively attached to the DLNR and which is utilized as a conduit for identifying valued resources, traditional and customary practices and appropriate mitigation. An AMAC representative has been added to the KWUDP stakeholder advisory group.

These unanticipated changes have caused work to proceed at a pace slower than originally anticipated and have required additional resources and coordination efforts with other agencies, stakeholder groups and the public to verify that information originally obtained at the onset of the project is still accurate and current. Additionally, a higher level of coordination and outreach is required to gather stakeholder and

public advisory group information. Hence, a fifth location for public meetings will be added on top of the four locations originally planned, for greater outreach.

To complete the project with the additional project requirements noted above and provide the necessary time for the approval process, Fukunaga and Associates, Inc. provided a fee proposal of \$114,400.00 and a contract time extension request of 180 days.

The proposal for the additional tasks were requested and received by the Department on December 13, 2018. To review the proposal and prepare a contract amendment for the additional scope and time required to complete the project, the Department issued a Stop Work Order on December 17, 2019, for sixty (60) calendar days ending on February 17, 2019. A Stop Work Order Supplemental Agreement was issued by the Procurement Office on February 7, 2019, to extend the suspension of the Contract an additional ninety (90) calendar days end on May 8, 2019.

A third contract amendment was issued to allow the performance of the Contract to resume at the end of the suspension period, May 8, 2019, and continue pending the anticipated approval and execution of a fourth amendment by the Board at its May 24, 2019, meeting.

The Board at its May 24, 2019, Board meeting, decided to defer the Manager's updates to be heard at a subsequent Board meeting. The Manager's update included the report to manager requesting approval to execute a fourth contract amendment for additional tasks, cost, and time.

A fourth contract amendment was issued to allow the performance of the Contract to continue from May 24, 2019, for one hundred eighty (180) calendar days or less to allow the Board time to review and approve a fifth amendment for additional tasks, time, and cost to this Contract.

A fifth contract amendment was issued on June 28, 2019, to extend the Contract an additional one hundred eighty (180) calendar days to address the changes in scope and provide compensation for the additional tasks, for completion date of December 25, 2019.

A sixth contract amendment was issued on December 20, 2019, to extend the Contract an additional one hundred eighty (180) calendar days to accomplish the additional scope and tasks identified in the fifth contract amendment, with a completion date of June 17, 2020.

A seventh contract amendment was issued on May 28, 2020, to extend the Contract an additional one hundred eighty (180) calendar days to accomplish the additional scope and tasks identified in the fifth contract amendment, with a completion date of November 24, 2020.

A eighth amendment was issued to allow the Contractor additional contract time of one hundred eighty (180) calendar days, ending May 18, 2021 to accomplish the work identified in the fifth amendment.

A ninth amendment was issued to allow the Contractor additional contract time of one hundred eighty (180) calendar days, ending November 14, 2021, to accomplish the work identified in the fifth amendment.

A tenth amendment was issued to allow the Contractor additional contract time of one hundred eighty (180) calendar days, ending May 13, 2022, to accomplish the work identified in the fifth amendment.

This eleventh amendment will allow the Contractor additional contract time of one hundred eighty (180) calendar days, ending November 9, 2022, to accomplish the work identified in the fifth amendment.

2 PROFESSIONAL SERVICES (SPO PUBLIC NOTICE NO. PN-21-014-SW), CONTRACT NO. 724 AWARDED TO N&K CPAS INC. ANNUAL AUDIT FOR FISCAL YEARS ENDING JUNE 30, 2022, JUNE 30, 2023, JUNE 30, 2024, JUNE 30, 2025, AND JUNE 30, 2026 IN THE AMOUNT OF \$107,800.00

FUNDING:

Account No.	10-31-10-540-020			
Acct Description	WU/Acctg/Admin/Accounting and Auditing		\$	106,800.00
Account No.	10-31-10-540-010			
Acct Description	WU/Acctg/Admin/Professional Services - General		\$	1,000.00
Total Funds Available	<i>Verified by WWC</i>		\$	107,800.00
Contract No.	724			
Vendor	N&K CPAs, Inc.			
	Contract Amount (FY 2022)	\$	107,800.00	
	5% Contingency	\$	N/A	
	Total Funds Certified	\$	107,800.00	\$ <107,800.00>
NOTE: FY 2023, FY 2024, FY 2025, & FY 2026 Subject to Availability & Appropriation of Funds				

BACKGROUND:

We have received the following fee proposal from N&K CPAs, Inc. to provide professional financial audit services for the Department of Water for fiscal years ending June 30, 2022, 2023, 2024, 2025 and 2026.

<u>Fiscal Year</u>	<u>Recurring Audit</u>	<u>Single Audit</u>	<u>Total Proposed Fees</u>
2022	\$88,000	\$19,800	\$107,800
2023	\$76,000	\$19,900	\$ 95,900
2024	\$78,000	\$20,000	\$ 98,000
2025	\$80,000	\$20,100	\$100,100
2026	\$82,000	\$20,200	\$102,200

These fees include normal out-of-pocket expenses and are inclusive of Hawaii general excise taxes. The above fee represents the all-inclusive amount that will be charged for the financial and single audits for each year.

We have reviewed the breakdown of the estimated hours, rate of pay and out-of-pocket costs shown by N&K CPAs, Inc. We find the fees to be reasonable and are commensurate with the level of experience and effort required to complete the audit engagement.

3 JOB NO. 16-04, WP2020#WKK-03, MCC, CHLORINATION FACILITIES, KĪLAUEA WELLS NO. 1 AND NO. 2, CONTRACT NO. 722 CONSTRUCTION CONTRACT AWARDED TO KIEWIT INFRASTRUCTURE WEST CO. IN THE AMOUNT OF \$3,124,020.00

FUNDING:

Account No.	10-21-00-604-157			
Acct Description	WU/Capital Outlay-R&R/Capital Projects-CM (MR No. 22-58, Approved 02/24/22)			\$ 520,000.00
Account No.	40-21-00-604-157			
Acct Description	Grant Funds (Capital Projects-R&R-Construction) Per Manager's Report No. 22-58, Approved 02/24/22			\$ 2,600,000.00
Account No.	10-21-00-605-153 (Hā'ena)			
Acct Description	WU/Capital Outlay – Expansion/Capital Projects-CM			\$ 4,020.00
Total Funds Available	Verified by WWC			\$ 3,124,020.00
Contract No.	722			
Vendor	Kiewit Infrastructure West Co.			
	Contract Amount	\$	3,124,020.00	
	5% Contingency (Subject to FY2023 Budget Approval under 10-21-00-604-157)	\$	0.00	
	Total Funds Certified	\$	3,124,020.00	\$ <3,124,020.00>

BACKGROUND:

This project will provide necessary reliability and redundancy improvements for the Kīlauea Wells No. 1 and 2 site. The project will replace the motor control center (MCC), replace a new roof and other hardening features to the existing pump control building and construct a new shelter for the emergency generator.

Pursuant to Board Policy No. 24

CONVEYANCE OF WATER FACILITIES \$39,475.95

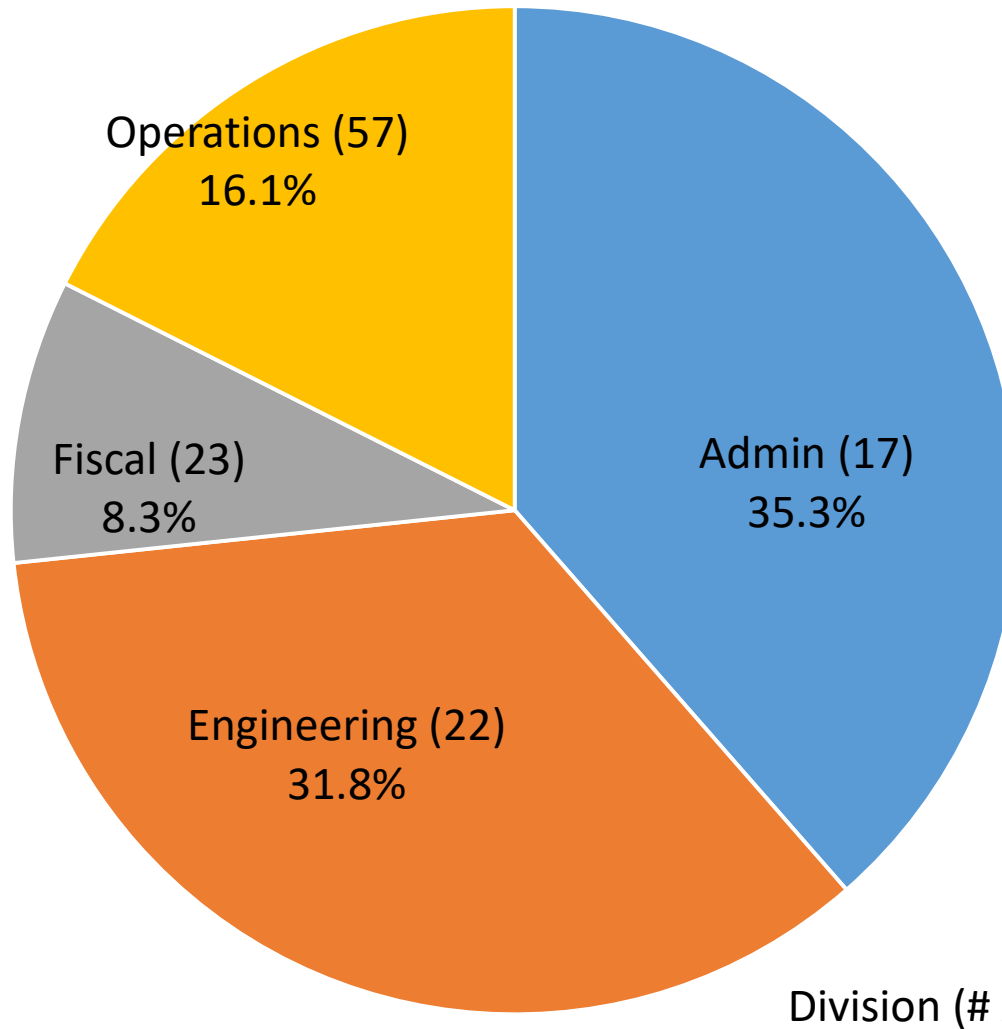
4/28/2022	Puu Land LLC	2-3-13:038	Koloa	\$31,475.95
4/28/2022	Eleele Associates LLC [McDonald's Eleele]	2-1-03:023	Koloa	\$8,000.00

PERSONNEL MATTERS

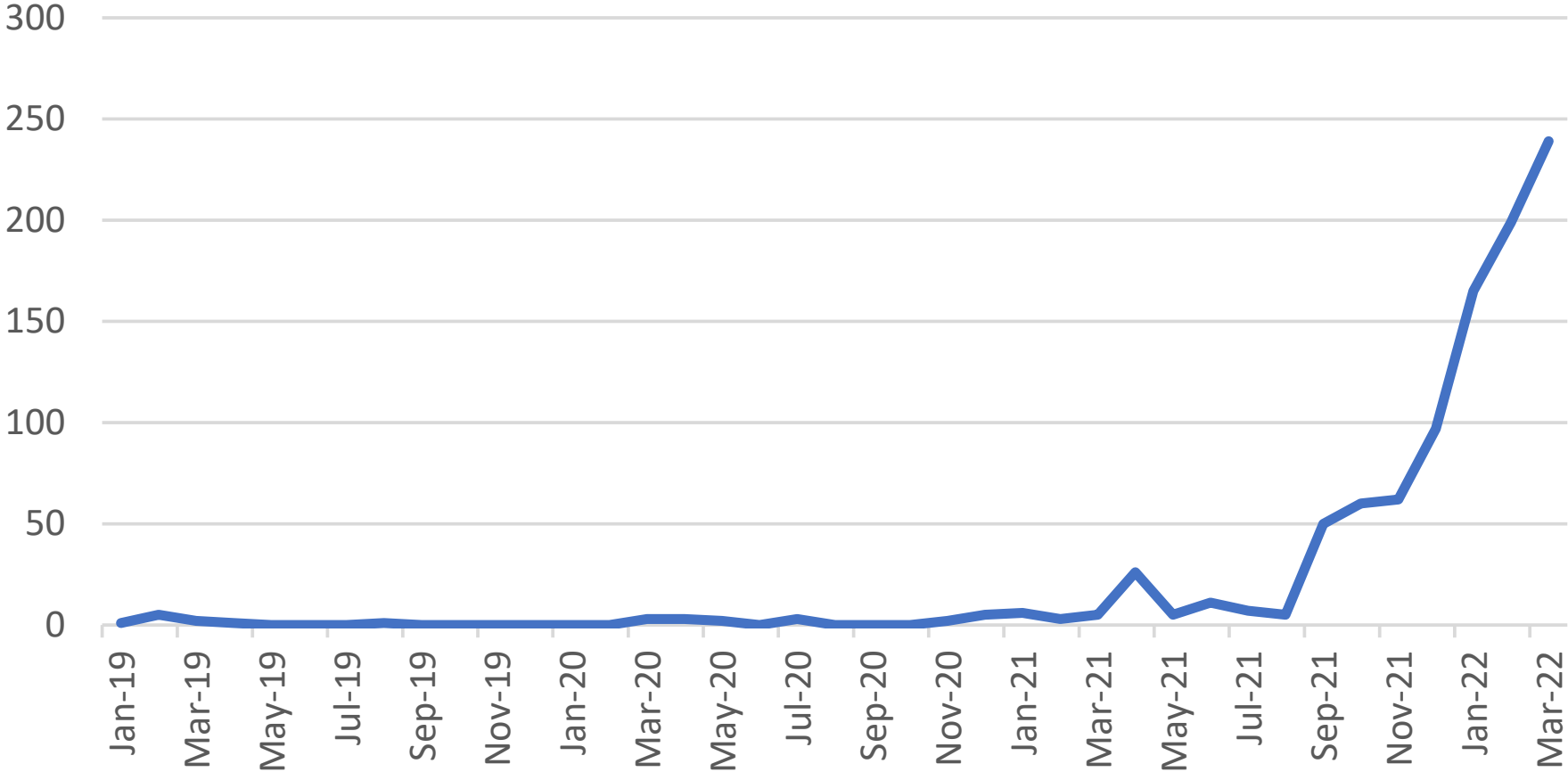
Please reference following pie chart attachment.

- Attachment: Personnel Matters Chart
 Estimated Meter End Point Counts
 Manager's Q1 Goals Report (Permit/Project Response, ERP, Safety, Org Chart)

% Vacancy Within Each Division Level



estimated # meter endpoint failures by month



MANAGER'S REPORT No. 22-55 update

April 28, 2022

Re: Discussion of the Manager and Chief Engineer's Goals – 1st Quarter Update

RECOMMENDATION:

It is recommended that the Board discuss and approve the Manager and Chief Engineer's quarter 1 updates on his goals.

Manager and Chief Engineer's Goals & Benchmarking

Short-term Goals

(Through FY21-22)

1. **Address outstanding issues related to the lack of a strong Information Technology Strategy and Plan** – Major components of an efficiently managed department do not exist or are in need of significant upgrading.

2nd Qtr. 2022

2. **Greatly reduce permit/project response and turnaround time** – this is currently based on estimates and customer calls/complaints – no benchmark exists yet.

1st Qtr. 2022

Update: Attached please find the results of the Department's application and permitting process flows. These are the first new numbers since I became responsible for the performance and turnaround objectives in October 2021. These results reflect a mixture of long-standing through recent permit applications and project submittals seeking approval. Once the carry-over submittals are completed, our numbers will reflect only current submittals approved and waiting approval and will be segregated by the appropriate tracking dates, types of submittals, status, and reasons for any holds.

3. **Complete New Emergency Response Plan** – This document has historically existed and with the department needing to provide County EOC and DOW staff a working document with updated practices and procedures, this is a high priority.

1st Qtr. 2022

Update: This new, 2022 Emergency Response Plan (ERP) has been completed.

4. **Deliver new Organizational Structure** – Present to the Board an updated layout that identifies how the department will function to best deliver services.

1st Qtr. 2022

Update: This 2022 temporary, Manager-level organizational structure is for the Board's information and awareness. Future updates will be provided to the Board as modified for business and efficiency purposes as well as staffing demographics are finalized.

5. **Establish Health & Safety Program** – DOW needs to institute a first-ever robust Safety Program ASAP.

1st Qtr. 2022

Update: This new, 2022 Health and Safety Plan has been completed.

6. **Develop new Financial Strategy & Plan** – Recommend a FY22-23 Financial Strategy that leverages new benchmarks, funding guidelines and a forward-looking roadmap that marries a new Water Infrastructure and Investment Plan (WIIP).

2nd Qtr. 2022

7. **Develop Straightforward Division Dashboards** – the Board needs to know how we are performing, and the Ratepayers need transparency about how we spend their money.

2nd Qtr. 2022

8. **Identify and account for all DOW Assets** – recordkeeping and current management of all DOW property is behind in removing and identifying actual needs for equipment, vehicles, tools, furniture, etc.

2nd Qtr. 2022

9. **Resolve outstanding strategic and legal issues** – Provide the Board with options to resolve current, on-going program and project issues.

2nd Qtr. 2022

10. **Redefine Operations Division Job Descriptions** – Provide County HR options that reflect traditional water system operations job requirements, tasks, and certification levels to improve recruitment efforts.

2nd Qtr. 2022

Again, the aforementioned FY 21-22 Goals only reflect the remaining six months of our current budget – due to my start date and budget numbers having already been set. Presented with the FY 22-23 Annual Budget will be my new annual Goals supported by the next fiscal budget cycle in June.

PROPOSED “MAJOR” BENCHMARK OBJECTIVES

To my knowledge, the department has never established performance benchmarks and Key Performance Indicators (KPI's) to provide a quarterly reporting mechanism available to the Ratepayers, Board, and DOW staff to measure progress throughout any fiscal year. These benchmarks are usually derived for a combination of type of municipality – State, County, City, Special District, etc., and size of the organization – as well as specific service provided – water, power, wastewater, gas, streets, transportation, etc. I usually use a combination of effective KPI's from traditionally accepted water industry standards to customizing benchmarks that are of specific importance to the agency and what types of issues experienced in the past is driving the need to capture our unique trending results. To adequately provide the Board with stretch goals

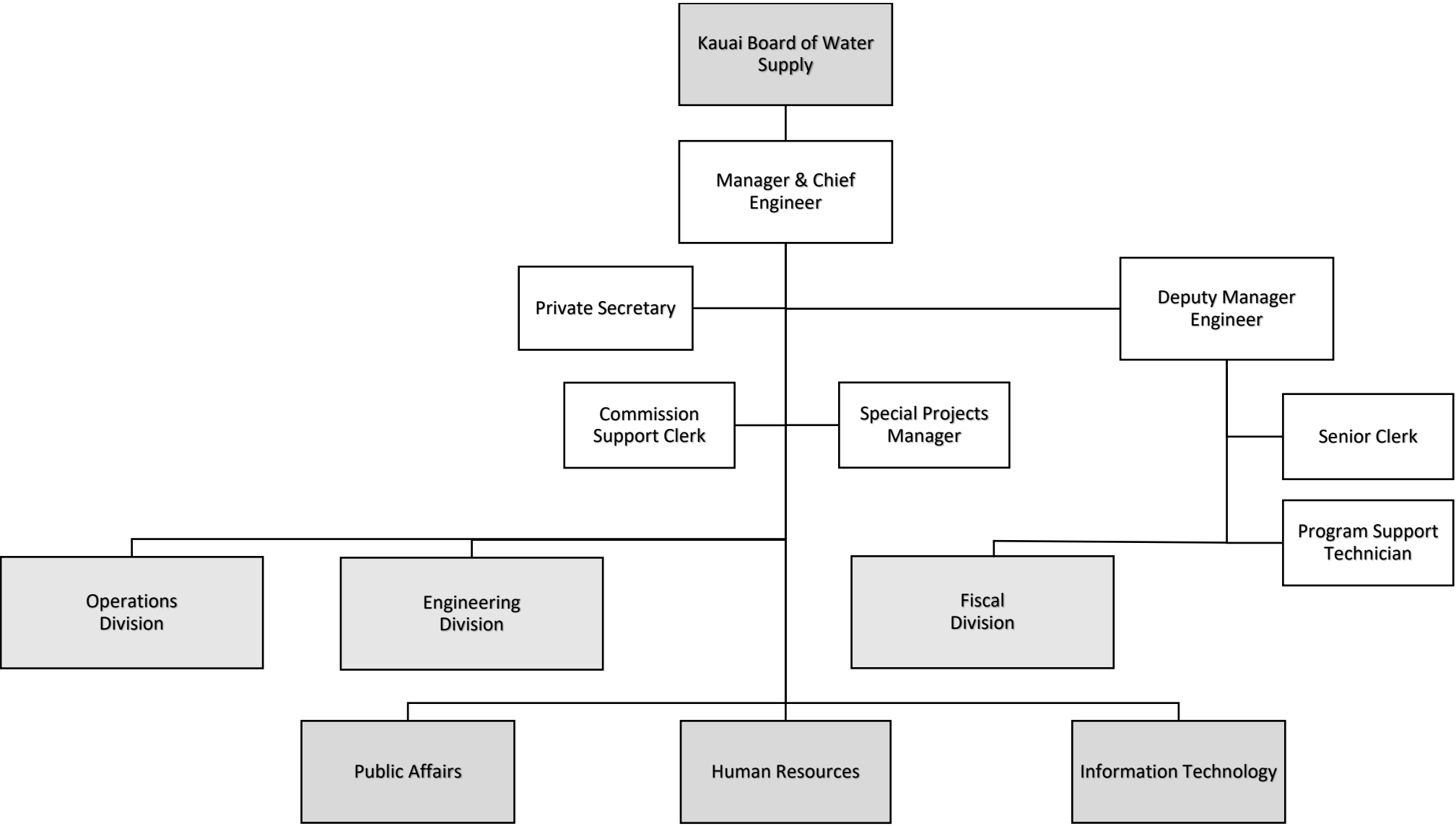
for FY22-23, we need to establish baseline benchmark data, or we'll never be able to document if we're making progress versus prior years as we move forward – if we don't measure it, how then do we define success?

Mgrrp/April 2022/22-55/Discussion and Approval of the Manager and Chief Engineer's Goals Quarter 1 update (04/28/22):

Process Results (6-months)

	October 2021 – March 2022
Subdivision Applications; Zoning / Land Use / Variance Permits; Zoning Amendments; ADU/ARU Clearance Applications	110
Water Service Requests	96
Building Permit Applications	685
Backflow Inspection Program – No. of Tested Devices	2150

Private Projects	October 2021 – March 2022
In Design Review	48
Design Approved	85
Preparing to Enter Construction	23
In Construction	20
Closing	42



A horizontal splash of clear blue water with bubbles, positioned behind the text.

QUARTERLY

REPORTS

BUILD AMERICA BOND FUND

DEPARTMENT OF WATER
County of Kauai FY 2010 - 2012

CASH RECEIPTS	TOTAL	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
BEGINNING CASH BALANCE	\$ 60,000,000.00									\$ -	\$ -	\$ -	\$ -	\$ 60,000,000.00
Bond Proceeds														
Interest Income	\$ 2,160,562.81		\$ 1,406.49	\$ 318,033.00	\$ 239,725.76	\$ 136,213.08	\$ 43,433.92	\$ 62,650.14	\$ 246,093.42	\$ 1,113,007.00				
TOTAL RESOURCES	\$ 62,160,562.81		\$ 1,406.49	\$ 318,033.00	\$ 239,725.76	\$ 136,213.08	\$ 43,433.92	\$ 62,650.14	\$ 246,093.42	\$ 1,113,007.00	\$ -	\$ -	\$ -	\$ 60,000,000.00
201-01 BAB - CIP	\$ -													
Cost of Issurance	\$ 535,838.66													\$ 535,838.66
217 EA-194 Hanalei River & Moelepe Stream Pipeline	\$ 741,141.50													\$ 741,141.50
218 Job 02-18 Pipeline replacement, Kapaa Homesteads	\$ 2,941,979.00											\$ 966,229.51	\$ 1,975,749.49	
219 Job 04-02 Main replacement, Vivian Heights and Apopo Road and Kanahele Road	\$ 2,651,730.99										\$ 105,007.40	\$ 476,365.60	\$ 2,070,357.99	
220 Job 03-02 Anahola 0.15 MG Tank Renovation	\$ 1,571,169.09									\$ 417,459.47	\$ 738,342.29	\$ 348,437.12	\$ 66,930.21	
684 Job 05-01 Waimea Main Replacement	\$ 3,272,975.12											\$ 112,524.38	\$ 3,160,450.74	
687 Job 02-03 Kekaha 12" Main Replacement and Waimea Canyon Drive 12" Main Replacement	\$ 677,234.29											\$ 8,796.00	\$ 668,438.29	
221 Job 10-01 Pipeline replacement, Anini Road	\$ 724,652.00			\$ 320.25		\$ 40,444.75	\$ 99,727.00		\$ 75,360.00	\$ 91,600.00	\$ 331,800.00	\$ 85,400.00		
222 Job 10-02 & 13-03 Kaunualii Hwy widening, Anonoui St to Lihue Mill Bridge	\$ 5,208,503.03									\$ 603,320.00		\$ 4,368,972.73	\$ 236,210.30	
223 Job 05-06 PLH-25, 8" Main Replacement, Eiwa, Umi, Akahi, Elua & Hardy/Alohi Streets	\$ 2,710,970.00										\$ 207,527.45	\$ 1,837,108.24	\$ 666,334.31	
224 Job 02-16 Rehabilitation of Maka Ridge Deepwell Tank, Pipeline and Rdway, Ohana, Anolani & Kuamoo Roads	\$ 1,381,988.40								\$ 70,243.40	\$ 816,129.43	\$ 495,615.57			
227 Waimea Well A Renovation	\$ 639,282.53									\$ 299,937.43	\$ 308,235.45	\$ 31,109.65		
326 Job 02-02 Omao 0.5 MG Tank and connecting Pipeline	\$ 2,519,540.05											\$ 1,105,978.21	\$ 1,413,561.84	
228 Koloa Tank Site Acquisition	\$ 500,991.73												\$ 500,991.73	
230 Job 02-08 Rehabilitation of Eleele Twin 0.4 MG Steel Tanks	\$ 2,018,853.05									\$ 419,657.59	\$ 820,325.86	\$ 654,054.56	\$ 124,815.04	
231 Job 02-19 Waipouli Main Replacement to Akullkuli	\$ 2,229,690.39									\$ 140,809.76	\$ 460,829.74	\$ 1,628,050.89		
232 Job 02-14 Kapaa Homesteads 0.5 MG Tank #2 and Kapahi 1.0 MG Tank	\$ 293,603.56			\$ 28,276.20	\$ 181,031.23	\$ 33,913.47					\$ 4,820.46	\$ 44,327.74	\$ 1,234.46	
233 Job 09-01 K-01, K-12 Kalaheo 1111' & 1222' Water System Improvement	\$ 1,062,603.99	\$ 5,326.25	\$ 30,660.00	\$ 67,910.95	\$ 40,510.00	\$ 252,930.74	\$ 4,084.44	\$ 41,155.98	\$ 29,424.45		\$ 54,561.67	\$ 505,005.23	\$ 31,034.28	

BUILD AMERICA BOND FUND

DEPARTMENT OF WATER
County of Kauai FY 2010 - 2012

CASH RECEIPTS		TOTAL	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
683 Job 04-06	Kekaha Well B Renovation	\$ 627,165.43										\$ 42,828.60	\$ 265,223.57	\$ 319,113.26	
234	Kukuioiono Water Tank Site Acquisition	\$ 302,396.47												\$ 302,396.47	
235 Job 05-05	Nawiliwili, Niumalu and Kupolo 6", 8" and 12" Main replacement	\$ 3,150,226.75										\$ 689,732.75	\$ 2,460,494.00	\$ -	
237 Job 11-02	Replacement Grove Farm Tanks #1 & #2	\$ 201,658.00					\$ 24,767.90	\$ 33,185.10	\$ -	\$ 67,905.00	\$ 44,165.00	\$ -	\$ 31,635.00	\$ -	
692 PLH-39 Lihue Baseyd		\$ 7,755,133.98				\$ 15,035.86	\$ 544,777.77	\$ 575,693.09	\$ 5,951,097.31	\$ 1,510.40	\$ 1,466.25	\$ 382,445.74	\$ 283,107.56	\$ -	
621 Job 02-06	Kilauea 1.0 MG Tank	\$ 250,973.16				\$ 17,438.16	\$ 13,380.00				\$ 73,995.00	\$ 93,310.00	\$ 52,850.00		
238 Job 11-04	Lawai-Omao Water Main Replacement & Service Improvements	\$ 71,737.50								\$ 5,967.45		\$ 30,745.05	\$ 35,025.00		
239 Job 02-17	Maka Ridge Facilities Rehabilitation and Princeville Interconnection Plan	\$ 2,333,850.55								\$ 244,226.89	\$ 276,328.78	\$ 1,813,294.88			
240 Job 11-03	Land and Well Acquisition, Moloaa and Waimea, Kauai	\$ 159,938.00					\$ 3,678.00	\$ 25,300.00	\$ 14,160.00		\$ 23,290.00	\$ 71,730.00	\$ 21,780.00		
242 Job 02-11	Moloaa Land Acquisition	\$ -													
243 Job 11-06	Rehabilitate Moelelpe Tunnel and improve access road	\$ 19,200.00											\$ 19,200.00		
244 K-05A Kukuioiono 0.5 MG 886' Tank		\$ 193,578.95					\$ 67,715.05	\$ 61,552.30			\$ 64,311.60				
610 Job 02-11	Moloaa Land Acquisition	\$ -													
Job 11-10	8" WL Halewili Kaumualii to Hale	\$ 694,331.55						\$ 282,186.78	\$ 412,144.77						
Job 11-07	MCC Chlor KoloaWell16-A,B,E	\$ 3,667,032.67			\$ 44,513.76	\$ 1,623,383.03	\$ 1,999,135.88								
Job 04-08	Kapaa Homesteads Well #4	\$ 1,308,153.06		\$ 43,250.00	\$ 588,360.39	\$ 676,542.67									
TOTAL		\$ 52,418,123.45	\$ 5,326.25	\$ 73,910.00	\$ 700,785.10	\$ 2,401,506.17	\$ 3,087,416.57	\$ 1,056,359.93	\$ 6,518,285.06	\$ 349,034.19	\$ 2,210,406.85	\$ 6,723,168.75	\$ 16,360,816.36	\$ 11,654,128.06	\$ 1,276,980.16
	Cash Balance	\$ 9,742,439.36	\$ (5,326.25)	\$ (72,503.51)	\$ (382,752.10)	\$ (2,161,780.41)	\$ (2,951,203.49)	\$ (1,012,926.01)	\$ (6,455,634.92)	\$ (102,940.77)					

COUNTY ATTORNEY QUARTERLY REPORT

This report is submitted pursuant to Board Policy No. 25.

CLAIMS SETTLED: None.

QUARTERLY UPDATE

Period of January 1, 2022 to March 31, 2022

ENGINEERING DIVISION

Submitted by: Michael K. Hinazumi, P.E.

DEPARTMENT OF WATER

April 28, 2022

Executive Summary

Significant updates for this quarter include:

- **Water Resources and Planning Section**
 - Subdivision-Land Use applications completed => 97 (increase of 646%)
 - Water Service Requests => 60 (increase of 40%)
 - Building Permit applications => 300 (decrease of 22%)
 - Backflow Devices Inspected and Tested => 2150 (increase of 1.75%)
 - Lead and Copper Rule water system sampling conducted
- **Project Management Section**
 - Overseeing 20 ongoing DOW Design project, including several multi-phased projects
 - Private Project Reviews => 74 (increase of 85%)
 - Kapaia Cane Haul Road 18-Inch Waterline (Job No. 16-02) => SHPD approval pending
 - Rehabilitate Paua Valley Tank No. 1 (Job No. 17-10) => Negotiating additional scope

 - Overseeing four (4) DOW projects in various phases of construction
 - Hanapepe-Eleele Waterline (Job No. 15-07) – Construction completed
 - Completed twenty-one (21) private projects

Water Restriction Areas

Water System/Sub-System	Restrictions (5/8-inch water meter or number units per lot)	Inadequate Facilities	Comments
Upper Lawai	2	Storage	Administration Approved
Poipu	300	Storage	Board Approved (50% of new tank allowed for new development; 50% to make up storage deficit)
Wailua Homesteads	5	Storage	Administration Approved
Upper Wailua Homesteads	2	Storage	Administration Approved
Kapaa Homesteads	5	Source	Board Approved
Moloa'a	0	Source and Storage	Water Purchase Agreement
Kilauea-Kalihiwai	5	Source and Storage	Administration Approved
Aliomanu - Kukuna Road	0	Transmission	Administration Approved
Anini	1	Source and Storage	Water Purchase Agreement
Upper Wainiha Valley	1	Storage	Administration Approved
Wainiha - Haena	3	Storage	Administration Approved

Accomplishments

	January 2022 – March 2022
Subdivision Applications; Zoning / Land Use / Variance Permits; Zoning Amendments; ADU/ARU Clearance Applications	97
Water Service Requests	60
Building Permit Applications	300
Backflow Inspection Program – No. of Tested Devices	2150

Private Projects	January 2022 – March 2022
In Design Review	24
Design Approved	74
Preparing to Enter Construction	23
In Construction	20
Completed	21

Water Plan 2020 Construction Project Status

WP 2020 NUMBER	JOB NO	PROJECT TITLE	% COMPLETE MAR 2022	ORIGINAL ESTIMATE TO COMPLETE	CURRENT ESTIMATE TO COMPLETE	CURRENT CONTRACT AMOUNT
HE-01	15-07	Kaumuali'i Highway 16" Main and Emergency Booster Pump Connection	100	Q3 2019	Q4 2021 (2)	\$11,010,599.39
HE-10	15-07	Hanapepe Road 6" Main Replacement				Combined with HE-01
WK-39 & WK-08	02-14	Kapaa Well 4 Drainage line & Kapaa Well 4 Drill & Test	87	Q3 2019	Q2 2022 (2)	\$2,382,043.35
KW-07	17-10	Paua Valley Tank Repairs	4	Q2 2021	Q4 2022 (3)	\$2,264,750.00
PLH-35B	16-02	Kapaia Haul Cane Road 18" Transmission Line	7	Q3 2019	Q4 2024 (1)	\$4,127,545.00
WKK-03	16-04	MCC, Chlorination Facilities, Kilauea Wells No. 1 and No. 2	(4)	(4)	(4)	(4)
K-01 & K-12	09-01	Kalaheo Water System Improvements Package A – 0.5 MG Yamada Reservoir Package B – 0.1 MG Clearwell Reservoir Package C – Water Main Installation	(5)	(5)	(5)	(5)
					TOTAL =	\$19,784,937.74

- (1) Project issued stop work order and is on hold pending SHPD final approval.
- (2) Additional contract time required for re-design and COVID-19 shutdown.
- (3) Project issued stop work order due to redesign and re-evaluation. Negotiating additional scope with contractor.
- (4) Project awarded to Kiewit Infrastructure West Company (\$3,124,020.00) and pending contract execution. (\$2.6M State funding assistance)
- (5) Project preparing to request Invitation for Bids end of March/early April 2022. (\$10.2M State funding assistance)

IDIQ Services

Contract Number	Company	Contract Amount	Number of Projects Assignments
637	RM Towill Inc.	\$1,467,392	1
690	Bowers & Kubota	\$700,000	2
700	Brown & Caldwell	\$150,000	1



Information Technology Quarterly Update

January 2022 – March 2022

Wayne Takabayashi

April 2022



Information Technology Quarterly Update

January 2022 – March 2022

Wayne Takabayashi

April 2022

TECHNOLOGY

- Upgrade/Replace Telephone System, Cross-connect
 - Currently project scoping
- Website Migration
 - Files ported prior to server decommission

BUSINESS PROCESS IMPROVEMENTS

- Consumption Export to DPW-Wastewater
 - Two cycles of happy users, documenting process for review and training
- Risk Mitigation on Hypervisors
 - UPS replacement, DC anti-affinity, dup IP prevention, log roll & filter

IT FOCUS: ISSUES AND TIMELINES

➤ Logical Security

- Oracle CC&B security procedures not followed ✓
- Password security not followed in SOP ✓
- Informal patch management for critical systems -
- Lack of security awareness training -
- Lack of vulnerability assessment -

➤ Physical Security

- Employees have physical access to server rooms with no monitoring ✓

➤ Change Management

- Lack of formal change management policies and procedures for GP