

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, May 26, 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/84905773731>

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: 849 0577 3731

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, June 23, 2022 – 9:30 a.m.

APPROVAL OF AGENDA

APPROVAL OF MEETING MINUTES:

1. Regular Board Meeting – April 28, 2022
2. Executive Session – April 28, 2022
3. Finance Committee Meeting – May 4, 2022
4. Finance Committee Meeting – May 6, 2022

PUBLIC TESTIMONY

BOARD COMMITTEE REPORTS

1. Report of the Finance Committee of the Board of Water Supply, County of Kauai Draft Budget for Fiscal Year 2022-2023
 - a. Draft Operating Budget FY 2022-2023
 - b. Draft Capital Outlay Budget FY 2022-2023

OLD BUSINESS

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

NEW BUSINESS

1. Manager's Report No. MR 22-61 Discussion and Possible Adoption of Budget Resolution No. 22-14 of the Department of Water's Operating and Capital Outlay Budgets for Fiscal Year 2023, effective July 1, 2022 – June 30, 2023
2. Manager's Report No. MR 22-62 Discussion and Possible Action for Right-of-Entry to University of Hawaii, College of Tropical Agriculture and Human Resources (UH CTAR) Property for the Wailua Homesteads 0.25 MG Tank Project
3. Manager's Report No. MR 22-63 Discussion and Possible Action to execute an annual Use and Occupancy Permit No. 847 between the State of Hawai'i and the Board of Water Supply, County of Kaua'i for non-trenching maintenance, inspection and other uses and activities within the State Highway Right of Way, Kaua'i, Hawai'i.
4. Manager's Report No. MR 22-64 Discussion and Possible Action for Job No. 17-10, Water Plan 2020 No. KW-07, Rehabilitate Paua Valley Tank No.1, 0.5 MG Concrete, Kekaha Water System for Additional Construction Funding
5. Manager's Report No. MR 22-65 Discussion and Possible Action of Resolution No. 22-15, Safe Drinking Water State Revolving Fund (DWSRF) for DW434-0012, Water Plan Project K-01, Kalaheo Water System Improvements, Kalaheo-Lawai-Omao Water System, Lihue, Kauai, Hawaii
6. Manager's Report No. MR 22-66 Discussion and Possible Action for Water Plan 2020 Project No. K-01, Kalaheo Water System Improvements, Kalaheo-Lawai-Omao Water System, Kalaheo, Kaua'i, Hawai'i for Additional Project Funding

STAFF REPORTS

1. Fiscal - Statement of Revenues and Expenditures
 - a. April 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

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

TOPICS FOR FUTURE BOARD OF WATER SUPPLY MEETINGS:

1. Recommendation for baseyard improvements
2. Facility Improvement Program/Safety & Security
3. Future organizational changes
4. Supplemental Budget for Fiscal Year 2023

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).

Pursuant to Hawai'i Revised Statutes § 92-4 and § 92-5(a)(4), the purpose of this Executive Session is for the Board to consult with the Board's attorney on questions and issues pertaining to the Board's powers, duties, privileges, immunities, and liabilities as it relates to:

1. Goodfellow Bros.' Request for Reimbursements, Job No. 15-07, Reorganize Water System: Kaunualii Highway 16-Inch Main and Emergency Pump Connection, Hanapēpē Road 6-Inch Main Replacement, Job No. 15-07, Water Plan Project No. HE-01, HE-10, Hanapēpē, Kaua'i, Hawai'i.

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.

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

DRAFT

MINUTES

MINUTES
BOARD OF WATER SUPPLY
Thursday, April 28, 2022

The Board of Water Supply, County of Kaua'i, met in a regular meeting in Līhu'e on Thursday, April 28, 2022. Chair Julie Simonton called the meeting to order at 9:35 a.m. The following Board members were present:

BOARD:

Ms. Julie Simonton, *Chair*
Mr. Greg Kamm, *Vice Chair*
Mr. Kurt Akamine, *Secretary* (remote)
Mr. Lawrence Dill
Mr. Ka'aina Hull
Mr. Troy Tanigawa

EXCUSED:

Quorum was achieved with 6 members present at Roll Call.

STAFF:

Manager & Chief Engineer Joseph Tait	Waterworks Controller Marites Yano
Deputy County Attorney Mahealani M. Krafft	Asst. Waterworks Controller Marcelino Soliz
Deputy County Attorney Hugo Cabrera	Info. and Education Specialist Jonell Kaohelaulii
Commission Support Clerk Cherisse Zaima	Chief of Operations Valentino Reyna
Computer Systems Support Technician Darrel Acob	I.T. Specialist Wayne Takabayashi
Deputy Manager Judith Hayducsko	Private Secretary Mary-jane Akuna
Civil Engineer Michael Hinazumi	

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

Board member Dill moved to approve the minutes of the Regular Meeting and Executive Session of March 24, 2022, seconded by Mr. Kamm; with no objections, motion carried with 6 Ayes.

APPROVAL OF AGENDA

The agenda was approved with no objections.

PUBLIC TESTIMONY

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

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

Chair Simonton stated that historically, the motion has been to refer the draft budget to the Finance Committee for review and recommendation and asked if there was any discussion on the draft budget at this time. Manager Joe Tait explained that as this is his first year with the department, this will be a transitional budget as the department looks at new practices and procedures, which may then lead to new fiscal management policies. The department is still going through that process and will be for the foreseeable future.

Vice Chair Kamm moved to refer the Draft Budget for Fiscal Year 2022-2023 to the Finance Committee for review and recommendation, seconded by Mr. Dill; with no objections, motion carried with 6 Ayes.

STAFF REPORTS

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

Assistant Waterworks Controller Marcelino Soliz provided a summary of the Fiscal Staff Report submitted. In response to Chair Simonton's request for clarification, Manager Tait noted that the third bullet under Section IV of the Summary Report (Page 190) which lists a Notice to Proceed to Raftelis Consultants to commence Water Rate Study is an incorrect statement and clarified that was to commence work on a rate modeling training program that was started years ago but was put on hold due to the pandemic.

Board member Hull asked if he could get an overall breakdown of FRC revenues for the last fiscal year with a comparison between commercial and residential users. Manager Tait suggested that Fiscal provide a breakdown for the last couple of years that show all the different types of accounts for FRC. Mr. Soliz stated he would obtain that information from their staff and provide it to the Commission Clerk to forward to the board.

2. Public Relations Activities – updates on Public Notices & Announcements, Community Outreach & Education, Upcoming Events, and Project WET

Information and Education Specialist Jonell Kaohelaulii provided a summary of the PR Report submitted, highlighting the results of DOW's Fix-A-Leak program, which they have extended for an additional month and a half to emphasize the importance of conservation within our communities. They exceeded their goal and were able to distribute leak detection awareness information to over 1000 homes, which is the most they have ever reached since the campaign started 11 years ago. She noted that the Garden Island newspaper did a front-page feature as well as a secondary follow-up article in the local section of the newspaper. They expect to continue this momentum for next year's events and hope to expand even further with business related opportunities.

Another highlight Ms. Kaohelaulii pointed out were plans to bring back the Make-A-Splash event this year. Online surveys have gone out to some of the teachers that have participated in the past to gauge their interest.

3. Operational Activities – Monthly service dashboard & highlights, Monthly comparison of water produced, customer meter read, and water loss

Chief of Operations Val Reyna provided a summary of the Operations report submitted, highlighting the Kilohana on-site sodium hypochlorite housing structure design contract, noting that negotiations with the number one ranked potential design fell through, and they will have to move on to the second rank and begin the process all over again. Manager Tait added that it was a fairly large discrepancy in numbers, totaling tens of thousands of dollars.

Mr. Reyna pointed out that the graph presentation has been revised which better reflects the overall water loss. In response to Vice Chair Kamm, Mr. Reyna explained that “water loss” includes the following: flushing losses – which includes water quality flushing after repairing a leak or system maintenance hydrant flushing; leak losses; tank overflow losses, which are rare; and fire-fighting losses.

Chair Simonton asked if the department has made any progress on the Anini leak mentioned at the last meeting to which Mr. Reyna explained that they have not been able to locate any leak from the start of the meter at Wylie Road down to the line that crosses under the river. The leak detection crew has gone from hydrant to hydrant but have not been able to locate a leak. Manager Tait mentioned that there are instances where property owners do their own connections and back flow maintenance outside of the Department’s knowledge. Mr. Reyna stated for clarification that DOW’s responsibility is to maintain up to the ball valve after the meter; anything beyond that is the property owner’s responsibility.

Board member Dill referenced the Operations Service Dashboard, noting that the Work Orders Closed are still significantly lower than Work Orders Issued. Mr. Reyna stated that the operations supervisors are diligently updating that information, further explaining that many of those work orders are year-round maintenance orders that are not closed immediately. Additionally, there may be some duplication as three different supervisors may open work orders for the same call-out.

Chair Simonton asked for a status on the meter replacement program which was discussed a few meetings ago. Mr. Reyna stated while they are planning an island-wide meter replacement, they still need to do year-round meter maintenance, repair and replacement. He noted that Operations has an increase in their budget for meter replacement which are to replace the currently failing meters; a separate contract will need to be opened for the island-wide meter replacement program. Chair Simonton asked if DOW has enough meters on-hand for the current replacement needs to which Mr. Reyna stated they still do not have enough. Deputy Manager Hayducsko stated that supply chain issues have caused extended delays, upward of 4 months. They have received a small portion of the order made after the December approval of funding and are still awaiting the rest. Mr. Reyna added that because different manufacturers make different parts that are required for a meter, they often receive only some of the components required and one cannot function without the other. Ms. Hayducsko added that they have identified that new meters going into new subdivisions would fall under Capital Improvement Projects and will now be budgeted as such.

Vice Chair Kamm asked for an update on the hydrant replacement plans to install hydrants that don’t gush when hit. Ms. Hayducsko stated there are plans in place as well as some budget items for possibly modifying the current hydrants to those that have a check valve.

4. Manager and Chief Engineer – update on monthly activities, personnel matters, and required communications to the Board

Manager Tait asked to include Engineering’s Quarterly Report as part of his update.

Engineering Quarterly Report

Civil Engineer Michael Hinazumi provided a summary of the Engineering Quarterly report submitted. Referencing the Hanapepe-Eleele Waterline (Job No. 15-07) under the Executive Summary, he noted that the project is complete; however, they recently had a meeting with Goodfellow Bros. regarding a claim for equitable adjustments as well as outstanding change orders. Chair Simonton requested an executive session at the end of the meeting to discuss any issues or potential settlements.

In response to Board Member Hull referencing “Water Restriction Areas”, Mr. Hinazumi explained that because there was a lot of resort development proposed in that area after the Mahaulepu Tank construction, the Manager at that time worked with the Board to restrict it to 300 per lot of record, which goes back to whatever lots were existing in 2005. They wanted to avoid potentially having a single lot with a 1000-unit development come in and take up the entire 300. Mr. Hull asked if there is a way to get a map of Kauai that includes a breakdown of water meters per region to which Mr. Hinazumi stated it’s probably something that can be developed using the GIS system, though it will take a level of effort. Manager Tait added that Michael’s team has the data, it’s just not geographically laid out in a map format; a list of restrictions by area already exists. Mr. Hull stated that if something like that could be developed over time it would help people in his department understand where the water resources are at, especially when developers come with a larger amount of units. Mr. Hinazumi stated that as they move forward with their GIS mapping, which is part of Water System Investment Plan, the Department will continue to coordinate with Planning as well as Public Works, and hopefully even with the State in sharing information.

In response to Board Member Dill referencing “IDIQ Services” Mr. Hinazumi explained that RM Towill Inc. and Bowers and Kubota are providing CM services, and Brown & Caldwell are providing as-needed design services for tank re-evaluation. Mr. Dill asked if future reports could identify the types of services to which Mr. Hinazumi agreed.

Manager’s Update

Manager Tait provided a summary of his Manager’s update submitted, noting that there are several on-going issues for review both legal and managerial. As discussed in previous meetings, the Department is currently at 25 vacancies. In reference to the graph on estimated meter endpoint failures, it was clarified that many of those reflect batteries and the transponders.

1st Quarter update on Manager’s Goals:

Manager Tait stated that they now have as many complementary calls as complaints which is a great sign as it was one-sided when he first arrived. Referencing the Organizational Chart, he explained that this chart reflects the top level of organization, which is fairly set in stone. The subsequent levels are still being worked on with Manager Tait taking under advisement input from the divisions on their preferred organizational structures and making necessary adjustments. Updates will continue to be provided to the Board as changes are made.

Vice Chair Kamm inquired about a County-wide checklist, including all departments, for the permitting process and possibly improving it. Manager Tait stated that at the Mayor's urging he has been meeting regularly with Mr. Hull at Planning and Mr. Tanigawa at Public Works to discuss coordinating their processes. Mr. Hull added that the checklist, even the one currently in existence, makes the process move quicker in theory. However, there are instances where an applicant may have failed to submit a document such as a zoning permit, which resulted in the permit being outright denied, forcing the applicant to start the process all over again with the correct documents, rather than making a 2-minute phone call to request the necessary document from the applicant. That then extends the applicant's timeframe for obtaining that permit by at least 4 weeks.

QUARTERLY REPORTS

1. Build America Bond – Statement of Expenditures
There was no update on the BAB
2. Claims Settled by Department of Water
There were no claims settled this quarter.
3. Engineering – updates on quarterly accomplishments, Water Plan 2020 Construction Project status, and IDIQ service contracts
The Engineering Quarterly Report was included as part of the Manager's update (see above)
4. Information Technology
I.T. Specialist Wayne Takabayashi provided a summary of the I.T. Quarterly Report submitted. He stated that in consulting with Hawaiian Tel on the demolition of the old Administration building and researching DOW's current phone issues, it was discovered that the cross-connect cable is connected to that building, which means there will have to be some infrastructure work to get the phones working normally again. In response to Vice Chair Kamm on the cost of that, Mr. Takabayashi stated that an informal quote of approximately \$5,000 was given; however, they are still scoping the project.

Mr. Takabayashi reported that DOW I.T. has been working with Mr. Tanigawa's team at Public Works to consolidate their consumption reports, explaining that our meter readers and billing staff consolidate our consumption numbers and provide them to Michelle and Trina at Wastewater. The goal is to develop an automated system. Manager Tait pointed out that Wayne developed a program that will interface from DOW to Wastewater simply by hitting a send button.

Mr. Takabayashi explained that the servers DOW uses are designed to live from 3 to 5 years, and we have pushed it to nearly 8 years. By replacing these, the Department hopes to alleviate many of the regularly occurring problems we've been having.

Referencing what was included in the audit report regarding I.T. deficiencies, Mr. Takabayashi highlighted what issues have been addressed and the status of what they are currently working on. They are working with a contractor who is responsible for the software and security of the SCADA servers, which are isolated in a separate server room and are secure. I.T. is also working with a security advisor to address the lack of security awareness training and vulnerability assessment. In regard to physical security, cyber locks have been installed on the doors to the I.T. rooms so that only the Manager, Deputy Manager and I.T. staff have access to the servers. He has not had a chance to look at the Great Plains software, which is the

accounting and Workplace requisition platform so he will be consulting with Fiscal on that. Mr. Takabayashi noted that the vendor for the Great Plains software was let go last year, so they'll have to work out a plan to get back to the current version of the software.

Mr. Dill asked if all of these changes will be coming out of this year's operating funds, or will some additional requests be made in next year's budget. Mr. Takabayashi explained that the server replacement will definitely be in next year's budget; there are bits and pieces of this year's budget that will be used for some of the software concerns, but the big ticket items will be out of next year's budget.

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

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).

Pursuant to Hawai'i Revised Statutes § 92-4 and § 92-5(a)(4), the purpose of this Executive Session is for the Board to consult with the Board's attorney on questions and issues pertaining to the Board's powers, duties, privileges, immunities, and liabilities as it relates to:

1. Goodfellow Bros.' Request for Reimbursements, Job No. 15-07, Reorganize Water System: Kaumuali'i Highway 16-Inch Main and Emergency Pump Connection, Hanapēpē Road 6-Inch Main Replacement, Job No. 15-07, Water Plan Project No. HE-01, HE-10, Hanapēpē, Kaua'i, Hawai'i

Chair Simonton read the Board into executive session, inviting Manager Joe Tait, Civil Engineer Michael Hinazumi, Special Projects Manager Mark Knoff, and Deputy County Attorney Hugo Cabrera as resources.

The Board entered into executive session at 10:48 a.m.

The Board resumed in open session at 11:18 a.m. *(Board Member Hull exited the Executive Session at 10:56 a.m.)*

Board Member Dill moved to authorize Manager Tait to enter into settlement agreements with Goodfellow Bros. regarding the claim with the parameters discussed in executive session, seconded by Vice Chair Kamm; with no objections, motion carried with 4 Ayes.

ADJOURNMENT

The meeting was adjourned at 11:20 a.m.

Respectfully submitted,

Approved,

Cherisse Zaima
Commission Support Clerk

Julie Simonton
Chair, Board of Water Supply

DRAFT

MINUTES
FINANCE COMMITTEE MEETING
May 4, 2022

The Finance Committee of the Board of Water Supply, County of Kauai commenced its meeting on Wednesday, May 4, 2022. Committee Chair Lawrence Dill called the meeting to order at 1:05 p.m. Quorum was achieved with **3** members present.

COMMITTEE MEMBERS

Lawrence Dill, *Committee Chair*
Ka'aina Hull
Kurt Akamine

STAFF:

Manager & Chief Engineer Joseph Tait	Waterworks Controller Marites Yano
Deputy County Attorney Mahealani M. Krafft	Info. and Education Specialist Jonell Kaohelaulii
Commission Support Clerk Cherisse Zaima	Chief of Operations Valentino Reyna
Deputy Manager Judith Hayducsko	I.T. Specialist Wayne Takabayashi
Civil Engineer VII Michael Hinazumi	

PUBLIC TESTIMONY

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

There were two (2) members of the public who joined in the meeting.

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

GENERAL OVERVIEW

Deputy Manager Judith Hayducsko provided a brief overview of the FY 2022-2023 Draft Budget.

Committee Member Hull questioned the inconsistencies he is seeing in the FRC fund, noting his concern that this fund has been building and building over the last 12 years at roughly \$700,000 a year without expenditures on DOW's side. Yet the Department and the Board have jacked that rate up by \$10,000. His concern is the public imagery of the Department raising that rate up so high giving the impression that we needed it, but it seems that all we've done is squirrel those funds away. Deputy Manager Hayducsko stated that there are plans to spend the FRC funds and the Department is looking at leveraging those funds against State and National grants and loans. They are aware that this is a concern and will be paying attention to it moving forward. Currently, the FRC funds are being spent on annual payments for FRC eligible expansion projects for things such as new wells or tanks rather than existing rehabilitation projects. Manager Tait stated that in the past FRC funds have been used for other projects, but, as Mr. Hull pointed out, the FRC fund is still at this elevated level.

Chair Dill thanked Mr. Hull for bringing up that important point noting that since the FRC funds are collected from our customers for the purpose of expanding our water systems, we need to show that we are receiving these funds responsibly and expending them timely. In looking at Page 12, his understanding is the Department's plan is that the \$4.4 million of New Capital Outlay (CIP) to be funded by the FRC funds, which would then be an overspending of that balance. He noted that he asks the same question every year of how realistic the projections of funding those as well as the rollover projects are.

At the request of Manager Tait, Mr. Hinazumi explained that there is a severe deficiency in the Kilauea Water System and the Department is projecting to have those projects – at least the tank portion – bid out next year with the drill and test for the Kilauea well hopefully being done next fiscal year as well. In response to Mr. Dill, Mr. Hinazumi stated that project would more than likely expend all of the \$4.4 million noting that the tank is estimated at \$5 million and the drill and test at approximately \$1 million.

Mr. Hull stated that as a board member he has always had a problem with the FRC fund and its methodology, adding that that this has been a particular concern of his that he has brought up with the previous administration. He understands that Manager Tait just got here and is still trying to get his arms around this budget but he would like the Department to look into whether the Water Rate study should be done and where the FRC fits into that, and possibly looking into changing up the methodology by which the FRC funds are extracted. As a board member, one of his priorities would be restructuring the FRC program. Manager Tait stated that with the launching of the Water System Investment Plan program, one of the tasks is to weigh the options against the current FRC structure. Mr. Hinazumi added that the board's concerns have not gone unheard and there have been recent discussions on the realistic 5-year CIP projections and what should be included in this rate structure. He is hoping that this structure that will be presented to the Manager and Board is what they are looking for, noting that it will model fixture unit count rather than direct meter sizing.

The meeting recessed at 1:33 p.m. to address technical issues.

The meeting reconvened at 1:38 p.m.

Deputy Manager Hayducsko stated that the Department has tried to identify which projects are FRC eligible when they are evaluating for CIP. On Page 24, the Miscellaneous Capital Outlays have been occurring in the background and include items that become depreciable, items that are listed as assets that receive an asset tag and are tracked. Ms. Hayducsko noted that during this budgeting process, she discovered that there have been a few things that may not have been identified correctly as CIP in the past. They are trying to identify those things more clearly and will try and include those items on the dashboard to show the Board the progression of the annual CIP projects funded out of the Water Utility Fund (WUF). She pointed out the Satellite Operations Facility (Hanalei Baseyard) on Page 25, which was added to the budget last year and which funds were increased for; they will need additional funds for that; it is not the two-hundred or four-hundred thousand dollars originally discussed but is the six-hundred sixty-thousand plus an additional ninety-nine thousand. Other items of note are the AMI Meter Replacement, and Tank Remediation and Repair which is based on the recognition that reservoirs of water systems are able to last longer if they are properly maintained and repaired. This new initiative is to ensure that they are cycling through the various reservoir tanks and repairing them on a regular basis. Ms. Hayducsko reminded the committee that because the Engineering Division has gone

from three divisions down to one, the numbers may not seem consistent. The Training budgets have been moved from Administration back to the respective divisions, and I.T. has additional funds that used to be housed in other divisions, which they are now trying to consolidate into I.T.'s budget.

OPERATIONS

Ms. Hayducsko referenced Page 151 noting that the Department has no idea what the fuel costs are going to be starting July 1; however, they have included contingency funds based on the assumption that the utility companies will push those expenses for fuel out to the Department. Mr. Dill asked what month the YTD actuals are through to which Ms. Hayducsko replied as of the end of February.

On Page 164, Ms. Hayducsko explained that in the past the inventory stock included all the meters; however, they have recently recognized that the meters and hydrants are considered CIP and should be depreciated. They are moving those items from Inventory Stock to the Repair and Replace line of the CIP. Mr. Dill asked how many non-functioning meters the Department currently has to which Ms. Hayducsko replied there are approximately 1,000 transponders that are not functioning. Mr. Dill then stated that seems like a very high number and asked how many meters will be replaced this fiscal year and what the plan is for replacing those meters. Ms. Hayducsko stated she is unsure if there has been a decision on how or what they are replacing them with and that a discussion with staff needs to take place to determine the wisest course of action. She stated as mentioned at the last board meeting, there is a month-long delay on delivery, so what they want versus what they can get first is the discussion that needs to happen. Currently, the meters are still accurate and can be read in a number of different ways such as manually, or a different transponder can be installed and can be read via drive-by readings or via cellular signals being sent to a web page. The meter program is still in flux. Mr. Dill asked to clarify that all 1,000 are still being read and are able to generate accurate bills to which Ms. Hayducsko stated yes, they are being read manually on a monthly basis. Mr. Dill requested updates at the Board level to find out what the plan is to aggressively replace all the non-functioning transponders and meters.

On Page 169, R & R/ Misc. Capital Purchases, line item 10, Ms. Hayducsko explained that there is a pilot study currently in place to see what options are available for frequently hit hydrants. They are looking into wet barrels with check valves, as well as dry barrel installations; staff will be looking at dry barrel installations on the Big Island. Mr. Dill noted several line items for vehicles with no dollar amounts and questioned why that is to which Ms. Hayducsko explained those items were budgeted in either FY 2020 or 2021. Many of those vehicles are taking 700 days to arrive, so if they have been ordered in prior years, they are left in the budget for transparency. She noted that most of them have arrived, but they remain on the budgeting template to keep it balanced. Mr. Dill asked if they have arrived, wouldn't they see where the expense landed to which Ms. Hayducsko stated they do not have the ability to easily see what has been paid toward the various items noting the billing software does not provide data that is advantageous to this budgeting process. They are looking into upgrading that accounting software but is unsure whether it will provide a clearer picture. Mr. Dill stated he is confused as to why these items would show up in this budget if they have already arrived and been paid for. Manager Tait stated that the billing system failures over the past two years will be covered under the I.T. portion of the budget. Many of the items that are technology based are being appropriately moved into the I.T. budget as the accounting software should have been.

Ms. Hayducsko provided an overview of the Expansion Projects on Page 170.

Mr. Dill asked how many positions are in Operations, how many are vacant, and when they are anticipated being filled. Chief of Operations, Val Reyna, stated that there are currently 7 vacancies out of 57 positions in Operations. These 7 vacancies require special skills as they are semi and highly skilled positions, which are not as easy to fill; all of those positions are currently advertised, and some are on continuous recruitment. In response to Mr. Dill, Mr. Reyna stated all those vacancies are fully budgeted for, so theoretically, all those positions could be filled on July 1, 2022. Mr. Dill stated while that is an optimistic outlook, that may not be a very realistic outcome. On the assumption that all other vacancies Department-wide are fully budgeted at 100% and recognizing that they will probably not fill all those vacancies come July 1, 2022, Mr. Dill asked if they should consider budgeting the vacancies at a lower percentage. Manager Tait stated that they did have an internal discussion regarding that and determined that even if they did not fill or staff at 100%, the difference in the budgeted numbers gives them the flexibility to be competitive in their recruitment for some of the more technical positions that command a premium starting wage. Mr. Tait acknowledges that it is unlikely that they will fill all those vacancies by July 1, and even if they did, there would need to be some facility changes in the current building to accommodate new staff. Mr. Dill understands the issue of space, but referencing the funding for vacancies, he stated that if they anticipate filling all the vacancies for 75% of the year and budgeted accordingly, it wouldn't change the rate of pay being offered; he's not following how that would affect recruitment competitiveness. Manager Tait stated his understanding is that in the past the Department has not paid at a fairly high rate coming in from the outside. Ms. Hayducsko stated the other advantages of budgeting for the vacancies at 100% are as follows: For an employee who has maxed out their vacation and comp time retires, if a replacement is hired before that employee leaves, there needs to be additional funds to cover that salary. They did project UPW rates based on the new agreement, and anticipated HGEA raises. However, if there are lump-sum payments, they have budgeted for that. Mr. Dill stated he still does not understand the rationale, noting that the amount the Department budgets would be the amount they've decided they would recruit that position for. He still does not understand the competitiveness issue, because the salary offered is determined by the department that advertises the position up to a certain step. Ms. Hayducsko stated as an example UPW workers who are Water Plant Operators will get the same rate of pay no matter the years of service, if they have an Civil Engineer I, but they get bumped up to a CE II, what amount do they budget for? If they are recruiting externally, do they offer entry level salary, or at a higher level? This gives them the opportunity to recruit experienced accountants and engineers at a level commensurate with their experience. Manager Tait stated he understands Mr. Dill's concerns and offered to take another look at how they can fund those positions responsibly without losing the competitive edge. Mr. Hull stated firstly he does not think they are recruiting all vacancies at entry-level, secondly, he and Mr. Dill understand the intricacies of funding vacancies and potential pay-outs; however, it only becomes a problem if you fill every single one of your vacant positions on July 1 or shortly thereafter, which is unlikely to happen especially considering DOW has a history of having a slew of long-standing vacancies that remain unfilled. Manager Tait stated they are working toward cutting down the long vacancy rates and they do not want the salary to be a hurdle. He agrees that a 75% or 80% number is workable, but he wants to ensure they can remain competitive and have a shorter turnaround time with vacancies.

Mr. Dill asked how overtime is working for the current year versus what is being budgeted for in the upcoming year. Mr. Reyna explained that most of the overtime is related to after-hours call-outs, holidays, and weekends as well as occasionally working to complete a leak repair, etc. There are also SCADA system call-outs for things like pumps not running, or tanks at low levels.

Mr. Dill asked whether the implementation of the Master Plan for the Baseyard falls under Operations or Engineering. Mr. Reyna stated Operations has budgeted \$2 million for the entire design of the baseyard which will be done in 8 or 9 phases over the course of 10 years; they will try and encumber that this fiscal year. Mr. Dill requested a refresher on the Baseyard Master Plan at an upcoming Board meeting to get a better understanding of where that is going. Mr. Hull pointed out that though it was a couple of years ago he was under the impression that the board voted to deny moving forward with the Baseyard Master Plan at that site given the costs as well as prioritization of other areas that needed upgrading. Mr. Dill stated that he doesn't recall whether they killed the whole thing or just scaled it back which is why he would like the Board to have a refresher. Staff will research board actions related to that item.

Mr. Dill asked how the Department intends to use Fuel Master to manage our fleet, noting his concerns with the numbers of vehicles DOW has, using them efficiently and maintaining them efficiently. Mr. Reyna stated the Fuel Master contractor will be there on May 11 to show the mechanics and supervisors how to use the system. Currently there are a little over 50 vehicles they maintain. The GasBoy that the Department currently has is not working anymore, and they found that Fuel Master is compatible with what the County currently has; IT has also recommended they transition to Fuel Master with the AIM system which will allow for vehicle diagnostics while gas is being pumped. Mr. Dill wants to ensure that DOW has the appropriate sized fleet and asked if any analysis has been done on the appropriate number of vehicles in the fleet. Ms. Hayducsko stated in this budget term they are consolidating all vehicles in Operations which include pool cars. They are looking towards more of a fleet management that has been done in the past and will be managed in Operations.

Mr. Dill asked how Operations is planning for retirement turnovers, the passing on of industrial knowledge and experience and succession plans. Mr. Reyna stated there is only so much they can prepare for and is dependent upon the interest and initiative of the upcoming employees. They do offer personnel all the training they need to qualify for the next position up or another position in Operations. Cross-training is also offered to allow staff to qualify for Temporary Assignments to higher positions which provides them actual work hour experience. On-the-job training and internships are also offered within the division.

Mr. Hull asked to go back to the overall budget overview.

GENERAL OVERVIEW (revisited)

Mr. Hull referenced Page 5 under Sources of Funds which total to just over \$100 million and compared it to Page 6 that shows Uses – All Funds which total \$86 million. He asked whether these are supposed to balance out. Ms. Hayducsko stated that she does not think these are supposed to balance out because there are reserves and encumbrances. She also pointed out that it shows a budget of \$46 million for CIP but wanted to clarify that they are encumbering that amount, not spending; they are hoping to spend about half of that. Ms. Yano referenced Page 14 under Adjusted Balance, it shows \$100 million and after the \$86 million they have projected, they have \$31 million allocated. Mr. Hull asked what the \$13 million projected balance reflects to which Ms. Yano explained \$9.2 million of that is for reserves and whatever is leftover can be used for possible projects that are not included in this budget. Mr. Dill further explained that \$9.2 million of the \$13 million projected balance are reserve funds, and the remaining \$3.6 million in the Water Utility General Fund can be used as working capital or buffer money to run the Department. Mr. Hull asked if the Water Utility General Fund contains line items and what would be the Department's capacity to access it to which Mr. Dill stated the Manager would

need to come before the Board to access those funds for something not currently identified in the budget. Mr. Hull referenced Page 5 under Sources of Funds where Water Utility Funds (WUF) are listed at \$65 million, but on Page 9, the Water Utility Fund – Projected Resources show a total of \$33 million. He questioned where the other \$30 million is coming from. Ms. Yano referenced Page 14 explaining that they take the estimated unspent balance of \$44.4 million taken from the March 31, 2022 DOW financial statements and reduce it for encumbrances and contracts that have been extended, which leaves them with the estimated available resources of \$24.5 million at the beginning of the fiscal year. They then add the projected resources and add the \$9.2 million in reserve funds which brings the WUF to \$56.5 million.

Mr. Hull stated a couple of years ago, the Board adjusted the manner in which the Department was budgeting for the retirement program in the amount of approximately twenty or thirty million dollars. The expectation was that the Board would receive a report every year on what that extra \$20 million dollars was used for. He requested a report prior to the end of the Finance Committee sessions on what that money is being used for, or how it is being redirected. Ms. Yano stated the \$24 million dollars he is referencing was not in the budget but was something they were working on to try and establish a reserve fund for future benefits. However, that was not implemented, and they ended up combining their two existing reserves at that time – the emergency reserve fund and debt services reserve fund – to create the current reserve fund of \$9.2 million; the proposal they attempted to establish did not happen. Mr. Hull stated he recalls that the action the Board took back then should have freed up \$24 million. Ms. Yano stated that was true, but they changed the way they prepared the budget; instead of using the net position of the start up balance, they are now using cash investments and other assets that are readily available to liquidate out of accounts receivable. She noted that Page 14 shows that they have changed the estimated beginning balance from the net position; if they had used the net position, it would have been much lower, showing at \$24 million. Mr. Dill stated that though he does not remember the details, he recalls that this issue was addressed by changing the way we adjusted our initial position, which would have been a one-time adjustment that carried through new balances and projections for each years' budgets. He asked to clarify that it made a one-time adjustment to change the way we report, and we have been reporting in that new fashion ever since, to which Ms. Yano replied yes. Mr. Hull stated no matter which way we're reporting, we have to account for that \$20 million in the budget and where we put that money. If we're not required to put that in the retirement program, where is that money going? Ms. Hayducsko asked if Ms. Yano could share an additional document to which Commission Support Clerk stated that she did not have the document to share, and it has not been made available to the public not physically present. Mr. Hull stated he does not need that information right now but would like a report prior to the end of the Finance Committee sessions. Ms. Yano stated she would provide a report at the next Finance Committee session.

OPERATIONS (revisited)

Mr. Dill reiterated his request made at a previous Board meeting for clarification on work orders as far as how they are being created, corrected and closed out which will help him understand the performance of the Operations division.

FISCAL

Ms. Hayducsko provided a brief summary of the billing budget. Mr. Dill asked how customers are billed for malfunctioning meters. Ms. Hayducsko explained those bills are estimated per Administrative Rules. She noted that there have been some bills that were sent out prior to them being corrected and they have begun working on that process. Mr. Dill asked how we are

preventing bills from slipping through uncorrected. Ms. Hayducsko stated she believes there was some staff training that was done, noting that some staff members didn't understand the importance of having the correct bill go out, and instead of making corrections they would just provide a credit. Manager Tait added that there was a need for more understanding of how the system operates. Mr. Dill asked what percentage of customers were on auto-pay versus manual pay to which Ms. Yano stated she would get back to the committee with that information.

Referencing Page 113 under Bill Collection/Billing Costs, Mr. Dill stated the numbers from FY 2019-2020 through FY 2022-2023 jumps from \$117,00 to \$223,790. Ms. Hayducsko stated she believes that is due to the cellular rate for the meter reading data collection. Ms. Hayducsko pointed \$775,000 in Capital Outlay that was budgeted last year for their billing software. Because they did not have a chance to encumber those funds, they have moved that over to I.T. who will continue to assist with implementing a new billing system.

Referencing Page 124, Mr. Dill stated it seems the majority of the increase to this account is due to Line Item 1 and asked for elaboration on what those funds are for. Ms. Hayducsko explained they are for Professional Services listed on Page 125. Mr. Dill asked to confirm what the numbers at the top of the table represented to which Ms. Hayducsko explained those numbers are the actuals and proposed budget numbers for FY 2019-2020 through FY 2022-2023. She noted that Raftelis has already been encumbered but no payments have been made yet which is why it is not showing up on the spreadsheet. Mr. Dill stated that it is unclear to him what line items those numbers at the top are capturing and asked that they be formatted appropriately in the correct boxes to make it easier to understand the information. Mr. Dill asked where Raftelis is listed to which Ms. Hayducsko stated its Line Item 4, but it's mislabeled as New Water Rate Study. Mr. Dill noted it's budgeted at \$100,000, but he does not recall what the Board's latest position on the water rate study is. Ms. Yano stated the Department has an existing contract with Raftelis and they will be providing an updated financial model and training on how to use that financial model. Mr. Dill asked if the Board does not want to proceed with a water rate study at this time, is there a value to having Raftelis continue with updating the model? Ms. Yano stated her recommendation is to have them continue with the financial model, and while she knows the Board is not ready for a water rate study, it would help the Department determine their projections for the future. She added that the Board may not be ready for a rate increase, but it's important for the Department to have that information. Mr. Dill stated he would like to know more definitively the value to the Department in proceeding with this if we don't think a rate increase is justifiable or necessary in the near future. He added that the update to the Water Plan 2040 would also be a determining factor to any considered rate increase. Mr. Hull stated he is in agreement with Mr. Dill and is hesitant on having a water rate increase without better understanding. He does understand where Ms. Yano is coming from in knowing what their financial projections will be though he does not think Joe is able to determine the need for a rate increase without getting a better handle on the budget. Manager Tait agreed, stating that he needs to get a better handle on how the Department is receiving, investing, storing, spending, and planning money; being only 6-months in the Department, he could not support it today. Mr. Dill requested a report to the full Board with justification on whether it is wise and prudent to proceed with this work now or to put it on hold for the time being. Manager Tait stated he would be in support of the modeling training piece of it as the more staff can do would save the Department money. Additionally, if it's the Department's own model, they can tweak and adjust things on their own rather than having consultants come back each time. He believes the current contract includes a couple of training sessions with Raftelis, but he needs to look at whether the

scope of work goes beyond that but noted that making a leap from training to a formal rate study is not something he could support.

Mr. Hull requested feedback on the following three things that he feels are the most contentious issues that have come up during his time on the Board:

1. The \$2 million dollars the previous administration budgeted for the Baseyard Master Plan – there is huge concern about funding baseyard improvements as opposed to other infrastructure projects.
2. The \$100,000 budgeted for a Water Rate Study for a potential water rate increase – why are we considering raising the rates?
3. The \$24 million freed up from the retirement fund – readjusting how this money was put away.

Mr. Dill clarified Mr. Akamine’s comment that he would not be opposed to at least the water rate study and then determine whether or not to raise the rates. Mr. Dill added that his recollection is that the Board had previously agreed to proceed with the financial model, but shelf the rate study until they determined whether a rate increase was required.

Chair Dill recessed the Finance Committee meeting at 3:06 p.m. to reconvene at 1:00 p.m. on May 6, 2022; the May 5, 2022 session was cancelled.

Respectfully submitted,

Approved,

Cherisse Zaima
Commission Support Clerk

Kurt Akamine
Secretary, Board of Water Supply

MINUTES
FINANCE COMMITTEE MEETING
May 6, 2022

The Finance Committee of the Board of Water Supply, County of Kauai resumed its meeting on Wednesday, May 6, 2022. Committee Chair Lawrence Dill called the meeting to order at 1:02 p.m. Quorum was achieved with 3 members present.

COMMITTEE MEMBERS

Lawrence Dill, *Committee Chair*
Ka'aina Hull
Kurt Akamine

STAFF:

Manager & Chief Engineer Joseph Tait	Waterworks Controller Marites Yano
Deputy County Attorney Mahealani M. Krafft	Info. and Education Specialist Jonell Kaohelaulii
Commission Support Clerk Cherisse Zaima	Chief of Operations Valentino Reyna
Deputy Manager Judith Hayducsko	I.T. Specialist Wayne Takabayashi
Civil Engineer VII Michael Hinazumi	

PUBLIC TESTIMONY

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

There were two (2) members of the public who joined in the meeting.

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

FISCAL (cont. from May 6, 2022 session)

Committee Member Dill asked how many positions are in Fiscal and how many of those are vacant to which Ms. Yano replied 22 positions, with 2 vacant which have been vacant for less than a year. Mr. Dill asked how many bills are processed by billing staff to which Ms. Yano replied approximately 271,000 bills were processed last year and there are 13 staff in the billing section. Mr. Dill asked to clarify how many staff actually process the bills and prepare the bills for customers. Ms. Yano explained that the bills are automated. After the meter readings are uploaded into the system it goes into a batch processing system handled by a third-party provider. Any exemptions that are generated within that batch processing period are reviewed by the billing staff. There are other errors that may come up which the billing staff also process. Mr. Dill asked to clarify that the bills for customers with malfunctioning meters are processed based on recent history to which Ms. Yano replied yes. She added that customer service staff review exemptions daily and if it shows high readings, the meter readers are dispatched to check for abnormalities or leaks. The customer are then contacted by billing staff to inform them of excessive usage.

Mr. Dill asked how many vendor invoices are processed each year by billing staff. Ms. Yano stated she does not have the exact amount of vendors, but the number of checks cut last year were approximately 1, 379 payable checks. In response to Mr. Dill, Ms. Yano stated she does not have a count of the number of customers who are served at the counter, but noted that it changed a lot during the pandemic with customers now using the drop-box more frequently and many signing up for auto-pay. She will get back to the committee on the percentage of customer who use auto-pay.

Mr. Dill requested a report on the changes made on how DOW reports their profit and loss and how the OPEB is handled. He asked that since there are a substantial amount of funds in our bank accounts, how does the Department invest and manage those funds. Ms. Yano explained that the Department works with the County Treasurer on the investments, most of which are invested in treasury notes, government securities and certificates of deposits. When investments reach maturity they are reinvested; if there is a need for additional cash, they are not reinvested. Mr. Dill asked if there is a rule of thumb on how much the Department keeps that are liquid and available. Ms. Yano stated that 3-5 short-term maturities and whenever they mature and are not needed, they are reinvested. Mr. Dill asked what the term is to which Ms. Yano replied it is less than a year. Referencing the reserve fund, a portion of which is emergency reserves, Mr. Dill asked if the Department makes it a point to have at least that much liquid cash readily available to deal with an emergency. Ms. Yano stated, no, the \$9.3 million in reserve funds are not dedicated as a short-term investment, it goes into the full amount of the investment. So whatever is readily available to cash out, that is what would be used if there is a need for immediate cash. They also try to maintain six or seven million dollars in their bank account for operating cash.

Mr. Dill requested a written response and short presentation on DOW's fiscal procurement policies for purchasing materials and supplies to understand what sort of controls are in place, who is authorized to make purchases, and what the checks and balances are.

ADMINISTRATION

Ms. Hayducsko stated one of the major changes to Administration costs is to travel and training costs which will be redirected back to their respective divisions. They do want to increase their professional services line item, which was missed during their initial review but will be added as part of the updated draft. Mr. Dill asked to clarify whether that increase would be in addition to the \$190,300 currently listed to which Ms. Hayducsko replied yes. Mr. Dill requested specifics on what those professional services are and the scope of those services.

Ms. Hayducsko noted that under Board funds they did budget for travel and training, but they did not budget for a performance audit at this time. Mr. Dill stated the performance audit is something the Board has been interested in for some time which has not come to fruition. He understands there is a new Administration team and respect that they will need some time. However, he feels that would be of great value to the Department and would like to include a performance audit in the next Fiscal Year.

Mr. Hull referenced the Admin. Insurance which has been significantly reduced in the past two years and is curious as to the reason. Ms. Yano stated that they used to budget \$1 million in the budget as they are a self-insured entity, but they changed the way they budget that item, and now include that \$1 million in their reserve fund policy in the event they need to pay any insurance related claims.

Mr. Dill referenced Page 34, noting the Safety Program has gone from the current year's budget of \$75,000 to a budget of \$5,000 and anytime we're cutting safety it catches his eye. Ms. Hayducsko explained the Department had budgeted for a safety program to be developed by a consultant; however, a staff member returned to the Department who was capable of drafting the safety plan. The \$75,000 has not been expended, but they do want to explore additional options to ensure they are not missing anything major, so the \$5,000 allows additional funds to hire an expert to come in and spot check the plan.

Mr. Dill stated he noticed that funding is being restored for opportunities to attend conferences in various fields, which he is in support of and sees much value in that, but he wants to ensure that those things are managed appropriately and diligently with frugality.

Mr. Hull noted that \$150,000 was budgeted for document scanning in the current budget, and \$100,000 is being budgeted for the upcoming fiscal year. He asked if any document scanning had been done this fiscal year. Ms. Hayducsko stated this is related to scanning of documents from the old Administration Building, which she was spearheading, unfortunately she had other obligations so they have rolled some of those funds over. Mr. Hull asked if that funding is to bring in contractors to do the scanning work to which Ms. Hayducsko stated yes, that is the intent to use the same type of contractor the County has used in the past.

Mr. Dill asked how many positions are in Administration and how many of those are vacant to which Ms. Hayducsko replied 15 positions with 5 vacancies including 2 in IT, 3 of which have been vacant since before she started with the Department. The previous interim manager was trying to be respectful to allow the new manager to decide priorities which resulted in a delay in moving forward with support staff.

Mr. Dill requested an update on where the Department is at in addressing the deficiencies in IT to be presented during the follow up after all division presentations.

Mr. Dill stated he has heard different things about the building the Department occupies and how it is full and not able to accommodate any additional staff. Manager Tait stated he has been meeting with Dustin Moises, who recently returned to the Department and who was involved in the transition from the old building and with the construction of this new building. The original floor plan looks to have 12 or 13 available work spots in this Admin, building and the former Board Room in the old building is still unoccupied which allows for some flexibility. Mr. Dill stated he believes he saw some funding to outfit the old Board room to accommodate Operations employees. He requested a follow up to that.

Referencing Page 53, Ms. Hayducsko stated there will be some impacts on the Department's needs for infrastructure improvement and I.T. They have recognized the need to protect our cybersecurity so there will be increases in proposed funds for professional services, capital improvement products such as additional servers, batteries, additional security cameras, etc. They are looking to replace assets that typically have short-term life which may not have been budgeted for adequately in the past. Mr. Dill referenced Page 59, noting the line item for SCADA System Integrator Consulting and Maintenance Contract, and questioned why he had not seen that appear in the budget in previous years. Ms. Hayducsko stated this was formerly in Operations and has been moved to I.T. Mr. Dill asked how many positions there are and how many vacancies to which I.T. Specialist Wayne Takabayashi stated there are 4 positions with 2 vacancies.

ENGINEERING

Civil Engineer VII Michael Hinazumi provided an overview of the Engineering budget. Mr. Hinazumi clarified that the new Engineering division budget consists of the former Construction Management, former Design Engineering Services, and Water Resources and Planning which includes the micro lab. The Professional Services budget has rolled all of those together which totals approximately \$1.9 million, a good chunk of which is for construction management or project management support services as well as other necessary professional services for design, and contributions to the Water Shed Alliance as well as USGS. Additional funds are being requested for Repairs and Maintenance Other Than Water to repair equipment in the micro lab, much of which is approximately 25 years old. Operating Supplies have increased significantly much of which are related to the daily supplies required to operate the micro lab. Since training and development have moved back into the various divisions, they are budgeting for that as well as Travel and Per Diem and Meeting Expenses.

Mr. Dill asked what the plan is for Water Plan 2020 and is that budgeted for. The planning horizon is approximately 20 years, so 2040 would be the next targeted planning horizon. Mr. Hinazumi stated Water Plan 2020 is now being called the Water Systems Investment Plan kicked off in mid-February with Brown and Caldwell as the consultant. There is an encumbrance of \$1.6 million from the FY 2021-2022 budget; however the actual YTD spending is approximately \$200,000. In response to Mr. Dill, Mr. Hinazumi stated the anticipated completion date is early 2024. The first portion of its development is the creation of the much-needed GIS system for the Department. Another portion is a review of the impact fee by completing a needs assessment to look at how new water customers impact the water systems and apply an appropriate impact fee; this will lead to the proposal to consider a potential change to the rate structure for what is currently the Facilities Reserve Charge.

Mr. Dill asked if the budget for this upcoming fiscal year reflecting an increase in projects to be initiated and delivered. Mr. Hinazumi stated yes, noting that for the last couple of years they have had only 1 construction project, and 2 projects that have been bid, but were put on hold for various reasons. Moving forward, they look to refresh and complete 9 design projects and initiate 8 new design projects. The intent is to move these projects into construction as quickly as possible; 2 of those projects have State funding assistance which requires the project to move to construction award prior to 2023. Mr. Dill asked if they are adequately staffed and resourced for that additional work and increased number of projects to which Mr. Hinazumi stated they will rely heavily on construction management or consultant services to help support the Department.

Mr. Hinazumi provided an overview of the CIP program budget, briefly discussing various notable projects listed. Referencing the Hanalei Well Drill and Test on Page 25, Mr. Dill asked if the site well established. Mr. Hinazumi stated they are working on the land rights to the site. Referencing the BAB projects on Page 26 Mr. Dill asked whether they are all design to which Mr. Hinazumi stated they need to refresh the permits and hope to have that out to bid no later than this time next year. Referencing the AMI Meter Replacement line item on Page 26, Mr. Dill noted there is \$5 million in the current budget and asked if any of that has been spent. Mr. Hinazumi stated that in putting together the budget last year, it was thought they would receive SRF funding for it, but it was never received.

Committee member Akamine asked if the Department received any State funds for the budget. Mr. Hinazumi stated we received \$2 million for Kalaheo A,B, and C package which we are matching \$2,030,000. The Paua Valley Tank received \$1.2 million with a \$240,000 DOW

match, and Kilauea Wells 1 & 2 MCC and Chlorination facilities received \$2.6 million with a \$520,000 DOW match; a total of approximately \$14 million.

Mr. Dill would ideally like to wrap up the Finance Committee sessions before the next main Board meeting and present a recommended budget to the Board on May 26, 2022. At the next scheduled Finance Committee session, he would like to reassess and receive responses to the questions that came up with best case scenarios on those that cannot be resolved at that time. Either during that session or a subsequent session, the Finance Committee can wrap up and have a budget recommendation to present to the Board.

Chair Dill recessed the Finance Committee meeting at 2:12 p.m. to reconvene at 1:00 p.m. on May 16, 2022; the May 12, 2022 and May 13, 2022 sessions were cancelled.

Respectfully submitted,

Approved,

Cherisse Zaima
Commission Support Clerk

Kurt Akamine
Secretary, Board of Water Supply

BOARD

COMMITTEE

REPORTS



BOARD OF WATER SUPPLY – FINANCE COMMITTEE

Lawrence Dill, Chair

Ka'aina Hull, Member

Kurt Akamine, Member

BOARD REPORT

May 18, 2022

Subject: Finance Committee Report
Draft Operating Budget FY 2022-2023
Draft Capital Outlay Budget FY 2022-2023

Report of the Finance Committee of the Kauai County Board of Water Supply:

The Finance Committee met on May 4th, May 6th, and May 18th, 2022 to discuss the proposed Draft Operating and Draft Capital Outlay Budgets for Fiscal Year 2022-2023.

The Finance Committee and Department recommends the approval and adoption of the Department of Water's Proposed Operating and Capital Outlay budget for Fiscal Year 2022-2023 which will include updated fund balance projections to reflect the inadvertent duplication of Professional Engineering Services.

Sincerely,

Lawrence Dill, P.E.
Finance Committee Chair

LD/crz

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OLD BUSINESS

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>
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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	<u>7,892,088.84</u>
Total assets and deferred outflows	<u><u>315,703,913.44</u></u>
*Allowance for doubtful accounts	(207,424.15)

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	<u>8,337,606.54</u>

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	<u>3,349,684.00</u>
Total liabilities and deferred inflows:	<u>93,645,021.58</u>

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	<u>222,058,891.86</u>
Total liabilities, deferred inflows and net position:	<u><u>315,703,913.44</u></u>

MEMORANDUM

TO: Finance Committee, Board of Water Supply

FROM: Manager and Chief Engineer, Department of Water

DATE: May 17, 2022

SUBJECT: Responses to Finance Committee Members and Updates to Proposed Draft Budget for FY22-23

The Department is proposing an operating budget of \$36.7 million (“M”), debt service principal repayment of \$5M and new capital budget of about \$50.8M, with a \$11.5M estimated ending balance. Our fiscal team updated the actuals to end April 30, 2022 and included an encumbered column to reflect additional encumbered funds during the fiscal year.

1) Baseyard Masterplan

What is the Department’s plan for this and where did the Board last leave off? What was spent out of the \$2M?

The Department recognizes the need for facility improvements. Additional engineering and design options will be evaluated. Proposed plans will be presented to the Board prior to any design or contracts.

The Department utilized HDR, Engineering Inc. in FY18-19 for design services to present a baseyard masterplan and have spent \$361,924.40. Last payment was made on March 24, 2022. This contract was initiated from former Manager to relocate Operations personnel to the 2nd floor of the Microlab. The Department has no open contract. The Department was directed by the Board to approve concept B presented to the Board that no DOW funds will be used for the proposed masterplan. The request for \$2M was removed. The Board approved concept B and informed staff that no rate payer funds were to be utilized for the masterplan.

2) Retirement report \$24M

What happened with that extra money and where is it on the budget?

In 2018, Government Accounting Standards Board (GASB) mandated the accounting of the health fund and pension liabilities. The annual required contribution is provided by the state annually. In 2019, the actuarial consultants determined that the DOW’s outstanding future obligations or current liabilities were \$24M. The DOW’s current liability is \$29M and is amortized over 30 years. Our budget includes the actual contribution to the state every year. This future liability continues to be tracked as an accounting entry and is included in our liability statement as “OPEB & Retirement Benefits”.

3) Water Rate Study

The Board did not plan to continue a water rate study, but instead intended to purchase the revenue model and train staff to utilize the model for future water service rate planning. The current contract focuses on modeling projected revenues and involves in person training on these modeling inputs and outputs.

4) Facility Reserve Charge

Provide details of where the FRC was spent during the current FY and plans for the next fiscal year.

In 2010, the DOW obtained \$60M for future construction projects. These bond funds, Build America Bonds (BAB), were allocated for specific projects that could be funded by the Water Utility and FRC fund. During discussions, the Department identified projects that included a 30% expansion within the entire project list. The Department of Water's fiscal plan transfers funds from the FRC fund to the Water Utility fund to be used toward the Department's debt obligation on these funds.

Finance Committee members requested that the Department look into restructuring the FRC program and changing the methodology by which those funds are extracted. What is the Department's plan?

The recently launched Water Systems Investment Plan includes a task order for determining options as compared to the existing FRC structure.

5) Accounting and Billing

The Board has recognized failures in the accounting and billing programs. What are the Department's plans in terms of budgeting and planning?

I.T. has proposed a process to identify corrective measures and secure appropriate billing and accounting software programs for improvements and long-term reliability in the Department's Fiscal software. In addition, the Department's planned capital meter replacement program is included in our overall strategy to correct existing billing deficiencies. Additional staff training will continue to occur.

6) Salaries

The Department should look at all the vacancies to see whether the position is needed based on the work or projects that are falling behind. If the work is piling up and there is a staffing issue, the Department should be aggressively recruiting.

The Department has twenty-five (25) vacancies and is proposing a funding allocation of 60% for vacancies. In addition, the Department included a 5% salary increase for the expected union agreements.

The Department will closely monitor and evaluate required staffing needs aligned with capital and operational demands. We will also weigh the effectiveness of professional services versus additional staffing.

7) Capitalized Items (Budget 999)

The Department should capitalize the asset whose individual acquisition costs are > (greater than) the threshold for an individual asset. For example, if computers are purchased over an aggregate amount of \$150K collectively, 100 for \$1500, the Department should capitalize the computers.

The DOW capitalizes all expenditures that exceeds \$5K with an expected life is > (greater than) 1 year.

8) HR Demographics of DOW staff

The Department should review the demographics of positions to plan for the organizational changes in the future.

The Department will evaluate the positions eligible to retire and necessary for adequate succession planning. The Department will continue to expand the redundancy and cross-train employees.

9) Fleet Management Program

Board requested the Department clarify the current fleet management program.

The Department does not have a formal fleet management program, but is working toward additional fleet control and planning. The Department consolidated all proposed vehicle purchases and management under the Operations portion of the budget.

Although the Department does not have a policy, a draft vehicle management plan on the life and turnover of DOW's vehicle fleet is in process. The Department has updated its inventory listing of all vehicles, including mileage and condition assessment.

Tracking these vehicle or equipment purchases is more difficult due to the long delivery delays. If vehicles or equipment were ordered in a prior fiscal year, those funds were encumbered, but not tracked as paid until they are received in good condition. Therefore, the YTD amounts in the budget will include payments and a new column for encumbered funds has been added for transparency. The encumbered funds, Encumbered POs, will be itemized in the August Supplemental Budget and are typically in GL 604-999 or 605-999.

10) Work Orders

Our Operations Division has been asked to update the dashboard to present the work orders that are ongoing, new, and closed for the month.

The Department's Operation work order counts are from the Maintenance Productivity Enhancement Tool (MPET) system; other divisions also create workorders in this system. Additional efforts in clearing redundant work orders or closing work orders opened by other divisions as they are completed will be addressed.

Moving ahead, the Department plans to evaluate other maintenance management information systems (MMIS) to replace MPET.

11) Auto Paid Water Bills

The numbers below are based on an annual monthly average:

Auto Pay (direct and 3 rd party)	8,015	38%
Lockbox (mailed payments)	5,782	28%
Manual Pay (Drop-box and lobby)	4,555	22%
Credit Card	2,560	12%
	20,911	100%

12) Procurement Policies

Written response and presentation on DOW's fiscal procurement policies for purchasing materials and supplies: what controls are in place, who is authorized to make purchases, and what the checks and balances are.

Board Policy 3, Authorizing the County Attorney to Investigate, Settle & Pay Small Claims Against the Board of Water Supply, County of Kauai, Board Policy 22, Budget & Contract Award Process and the Department's SOP 47 General Purchasing Policies, Procedures, Procurement Thresholds and Requirements for Department of Water.

13) Meter Replacement Program

Update on Department's plan to aggressively replace all the non-functioning transponders and meters.

Staff will return to the Board during the June regular board meeting with an update.

REVISIONS TO THE PROPOSED DRAFT BUDGET

1) Capital Outlay

The Department's proposed capital outlay budget is \$50,230,336 for FY22-23. A new column for the encumbered amounts has been included in the revised draft budget.

2) Bulk Water Purchase/Lease

The Department's bulk water proposed budget is in Operations while the lease of land/rentals/easements are included in Administration's budget.

3) Insurance

The department budgeted \$125K for insurance premium for liabilities in excess of deductibles of \$1M.

4) Professional Services

Administration

- Professional Services for Administration was increased to include \$150K for professional services as needed by the manager.
- HR related services for medical evaluations and confidential investigations is included in the administration professional services budget.
- Leadership Kaua'i was moved to Admin training and development in the amount of \$4K.

Engineering and I.T. have increased its professional services budget for technical design and project management services.

5) Neopost

The Department's postage machine is refilled 2 or 3 times per year at \$2,000 increments. The Department is contacted when postage is running low. The GL for postage is in Administration. The lease portion of this machine and process is included in I.T.'s budget.

The Department also has a line item for postage in Fiscal/Billing to pay for the postage of bills. Bill mailing is contracted out.

6) Recognition Program

Increased from \$2K to \$4500. SOP56 will be in place before this program starts.

This line item includes Employee Recognition (EOY, Service year awards)

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, Investments & Receivables as of 4/30/2022	\$45,224,545	\$9,300,000	\$2,419,249	\$9,501,960	\$0	\$0	\$66,445,755
Prior Year Encumbrances - PO & Contracts (-)	\$12,026,808		\$44,666	\$1,436,037	\$2,575,711		\$16,083,221
Current Fiscal Year - Contracts in Process	\$3,260,221				\$14,000,000		\$17,260,221
Current Liabilities, excluding Debt (-)	\$3,350,085						\$3,350,085
Estimated Available Resources for Budget Appropriation - 7/1/22	\$26,587,432	\$9,300,000	\$2,374,583	\$8,065,923	-\$16,575,711	\$0	\$29,752,228
Revenues	\$60,195,936		\$1,027,843	\$35,000	\$0	\$13,000,000	\$74,258,779
Transfers In	\$100,000			\$0	\$0		\$100,000
Transfers (Out)	-\$26,425,711	-\$100,000		\$0	\$26,425,711	\$0	-\$100,000
Adjusted Balance	\$60,457,658	\$9,200,000	\$3,402,426	\$8,100,923	\$9,850,000	\$13,000,000	\$104,011,007
Operating Expenses	\$36,727,791		\$0	\$0	\$0		\$36,727,791
Short Term Debt - Principal Repayment	\$4,961,483	\$0	\$0	\$0	\$0		\$4,961,483
Miscellaneous Capital Purchases - TFFE	\$6,230,397						\$6,230,397
New Capital Outlay - CIP	\$10,499,938	\$0	\$4,400,000	\$6,850,000	\$9,850,000	\$13,000,000	\$44,599,938
Estimated Available Balance: WURF & CIP Reserve	\$2,038,047	\$9,200,000	-\$997,574	\$1,250,923	\$0	\$0	\$11,491,396

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	\$26,612,049	\$60,195,936
10-00-00-400-000	Water Sales	\$26,672,943	\$25,320,900	\$25,022,600	\$23,935,116	\$30,578,458
10-00-00-405-000	Revenue from Public Fire Protection	\$2,174,298	\$2,201,634	\$2,174,298	\$1,834,695	\$2,201,634
10-00-00-410-000	Other Water Revenue	\$140,291	\$163,083	\$300,000	\$103,598	\$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	\$470,554	\$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	\$232,860	\$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	\$34,894	\$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	\$871,761	\$1,027,843
20-00-00-424-000	Facility Reserve Charge	\$919,445	\$1,288,569	\$800,000	\$670,095	\$800,000
20-00-00-430-000	Federal Grants	\$242,888	\$243,107	\$240,291	\$201,666	\$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	-\$327,910	\$35,000
30-00-00-453-000	Net Increase / Decrease in Fair Value of Investments	\$170,623	-\$149,147	-\$30,000	-\$456,044	-\$30,000
30-00-00-461-000	Investment Income (Net of custodial fees & other investment cost)	\$158,587	\$161,337	\$65,000	\$128,135	\$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 2021 - 2022 Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Proposed Budget
OPERATING EXPENSES							
Water Utility Fund		\$25,837,255	\$27,280,268	\$29,617,792	\$20,316,429	\$7,062,638	\$36,727,791
510-010	Salaries & Wages (Regular & Compensated Leave)	\$5,724,655	\$5,041,605	\$7,278,750	\$5,029,674	\$0	\$7,473,096
510-020	Temporary Assignment	\$88,898	\$69,364	\$60,500	\$47,771	\$0	\$60,500
510-030	Overtime	\$554,465	\$603,710	\$477,000	\$418,146	\$0	\$513,400
510-040	Standby Pay	\$206,280	\$205,795	\$195,000	\$147,905	\$0	\$195,000
520-040	Vacation & Compensatory Time Pay out	\$32,014	\$0	\$100,000	\$0	\$0	\$100,000
530-010	FICA Taxes	\$460,511	\$497,561	\$620,511	\$385,450	\$0	\$638,163
530-020	Retirement Contributions	\$4,136,843	\$3,340,960	\$1,935,900	\$1,146,770	\$0	\$1,978,079
530-030	Life and Health Insurance	\$530,772	\$538,967	\$677,955	\$435,137	\$0	\$689,383
530-040	Workers Compensation	\$0	\$0	\$0	\$0	\$0	\$0
530-050	Unemployment Compensation	\$0	\$0	\$0	\$0	\$0	\$0
530-060	Post Employment Benefits (OPEB)	\$1,041,000	\$998,491	\$1,143,000	\$1,131,851	\$11,149	\$1,058,000
540-010	Professional Services - General	\$2,243,026	\$1,945,728	\$4,087,150	\$1,549,875	\$4,272,371	\$10,203,100
540-020	Professional Services - Accounting and Auditing	\$69,900	\$84,500	\$106,800	\$74,100	\$0	\$120,000
541-010	Other Services - General	\$40,503	\$46,774	\$51,800	\$40,641	\$1,092	\$77,200
541-020	Other Services - Billing Costs	\$117,017	\$134,244	\$214,556	\$124,649	\$0	\$223,790
542-010	Public Relations - General	\$91,950	\$44,688	\$82,900	\$67,746	\$17,711	\$90,950
542-020	Procurement Advertising	\$8,127	\$37,589	\$10,000	\$9,677	\$0	\$5,000
543-000	Communication Services	\$117,611	\$124,875	\$138,780	\$92,486	\$8,550	\$145,312
544-000	Freight and Postage Services	\$2,152	\$3,482	\$4,600	\$154,164	\$1,504,371	\$8,000
545-000	Rentals and Leases	\$65,845	\$73,601	\$134,100	\$84,064	\$11,598	\$153,600
546-000	Insurance	\$99,701	\$96,703	\$5,000	\$2,080	\$0	\$130,000
547-000	County Service Charge	\$2,174,298	\$2,201,634	\$2,174,298	\$1,834,695	\$0	\$2,201,634
551-000	Utility Services	\$2,425,709	\$2,502,528	\$2,863,878	\$2,360,681	\$0	\$3,147,500
560-000	Repairs and Maintenance - Water System	\$308,397	\$45,935	\$211,000	\$177,917	\$237,045	\$360,000
561-000	Repairs and Maintenance - Other than Water System	\$500,203	\$461,944	\$1,077,300	\$339,032	\$228,144	\$1,344,489
562-000	Office Supplies	\$11,901	\$17,869	\$22,000	\$14,283	\$752	\$29,000
563-000	Operating Supplies	\$884,929	\$979,530	\$936,220	\$789,682	\$189,754	\$668,380
564-000	Fuel	\$105,941	\$101,759	\$122,500	\$123,551	\$1,176	\$175,000
565-000	Bulk Water Purchase	\$1,546,547	\$4,054,076	\$1,820,176	\$1,356,684	\$3,082	\$1,918,185
570-010	Books, Publications, Subscriptions, and Memberships	\$21,328	\$33,689	\$27,630	\$18,772	\$3,690	\$29,980
570-020	Books, Publications, Subscriptions, and Memberships - Board	\$300	\$75	\$595	\$227	\$0	\$600
571-010	Training and Development	\$38,964	\$41,147	\$85,650	\$49,821	\$241	\$94,100
572-010	Travel and Per Diem	\$47,076	\$0	\$59,900	\$11,940	\$0	\$215,100
572-020	Travel and Per Diem - Board	\$0	\$0	\$7,280	\$0	\$0	\$13,250
573-010	Meeting Expense	\$13,067	\$1,625	\$22,200	\$6,478	\$0	\$42,170
573-020	Meeting Expense - Board	\$1,037	\$301	\$2,000	\$1,527	\$0	\$6,500
582-000	Interest Expense	\$2,126,288	\$2,949,517	\$2,860,863	\$2,288,951	\$571,912	\$2,619,332

Operating Expense Summary

		FY 2019 - 2020 Actual	FY 2020 - 2021	FY 2021-2022 Budget	FY 2021 - 2022 Expensed Amount as of 4/30/22	Encumbrance Amount	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	\$5,119,727	\$50,367	\$4,961,483
682-000	Debt Principal Repayment	\$5,031,869	\$5,160,541	\$5,170,095	\$5,119,727	\$50,367	\$4,961,483
Water Utility Fund - Non Budgetary Operating Expenses		\$7,232,012	\$7,142,016	\$7,942,735	\$5,877,900	\$0	\$7,425,941
580-000	Depreciation	\$7,000,563	\$6,906,157	\$7,190,082	\$5,739,332	\$0	\$7,190,082
581-000	Amortization	\$231,449	\$235,859	\$752,653	\$138,568	\$0	\$235,859
580-000	Inflows/Outflows	-\$41,932	-\$32,274	-\$41,932	-\$44,078	\$0	-\$75,562

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 Expensed Amount	Encumbered	FY 2022-2023 Proposed Budget
OPERATING EXPENSES (Detail)							
Water Utility Fund Operating Expenses		\$25,837,255	\$27,280,268	\$29,617,792	\$20,316,429	\$7,062,638	\$36,727,791
510-010	Salaries and Wages (includes compensated annual leaves and comp time.)	\$5,724,655	\$5,041,605	\$7,278,750	\$5,029,674	\$0	\$7,473,096
10-01-10-510-010	WU - Admin - Admin - Salaries and Wages	\$670,639	\$610,292	\$844,504	\$668,886		\$918,393
10-02-10-510-010	WU - IT - Admin - Salaries and Wages	\$106,481	\$62,643	\$237,312	\$115,320		\$223,112
10-10-40-510-010	WU - Qual - Purification - Salaries and Wages	\$247,436	\$232,607	\$250,080	\$185,665		\$215,097
10-20-10-510-010	WU - Eng - Admin - Salaries and Wages	\$244,196	\$195,541	\$316,296	\$150,447		\$439,149
10-21-10-510-010	WU - Const - Admin - Salaries and Wages	\$466,552	\$345,381	\$571,188	\$184,564		\$555,575
10-22-10-510-010	WU - Plan - Admin - Salaries and Wages	\$475,072	\$279,905	\$536,952	\$423,758		\$443,008
10-30-20-510-010	WU - Bill - Collection - Salaries and Wages	\$430,675	\$443,803	\$532,668	\$434,046		\$594,568
10-31-10-510-010	WU - Acctg - Admin - Salaries and Wages	\$486,956	\$428,675	\$607,512	\$400,161		\$701,069
10-40-30-510-010	WU - Ops - Source - Salaries and Wages	\$396,387	\$414,549	\$534,696	\$423,161		\$534,968
10-40-40-510-010	WU - Ops - Purification - Salaries and Wages	\$172,497	\$162,836	\$284,034	\$133,209		\$138,235
10-40-50-510-010	WU - Ops - PowerAndPump - Salaries and Wages	\$195,718	\$164,710	\$201,793	\$168,245		\$211,882
10-40-60-510-010	WU - Ops - TandD - Salaries and Wages	\$1,832,047	\$1,700,663	\$2,361,715	\$1,742,214		\$2,498,040
510-020	Temporary Assignment	\$88,898	\$69,364	\$60,500	\$47,771	\$0	\$60,500
10-01-10-510-020	WU - Admin - Admin - Temporary Assignment	\$4,882	\$3,605	\$2,000	\$1,837		\$2,000
10-02-10-510-020	WU - IT - Admin - Temporary Assignment	\$19,423	\$2,257	\$500	\$5,149		\$500
10-10-40-510-020	WU - Qual - Purification - Temporary Assignment	\$1,058	\$19	\$1,500	\$1,801		\$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	\$6,953		\$5,000
10-30-20-510-020	WU - Bill - Collection - Temporary Assignment	\$10,871	\$3,733	\$5,000	\$1,221		\$5,000
10-31-10-510-020	WU - Acctg - Admin - temporary Assignment	\$7,317	\$9,746	\$10,000	\$6,831		\$10,000
10-40-30-510-020	WU - Ops - Source - Temporary Assignment	\$2,899	\$2,165	\$3,000	\$1,575		\$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	\$476		\$4,000
10-40-60-510-020	WU - Ops - TandD -Temporary Assignment	\$27,703	\$30,132	\$25,000	\$21,365		\$25,000
510-030	Overtime	\$554,465	\$603,710	\$477,000	\$418,146	\$0	\$513,400
10-01-10-510-030	WU - Admin - Admin - Overtime	\$29,160	\$17,863	\$30,000	\$14,379		\$20,000
10-02-10-510-030	WU - IT - Admin - Overtime	\$25,170	\$523	\$30,000	\$24,007		\$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	\$668		\$15,000
10-22-10-510-030	WU - Plan - Admin - Overtime	\$71,189	\$107,807	\$15,000	\$63,807		\$30,000
10-30-20-510-030	WU - Bill - Collection - Overtime	\$44,120	\$8,805	\$60,000	\$6,319		\$60,000
10-31-10-510-030	WU - Acctg - Admin - Overtime	\$62,251	\$68,446	\$60,000	\$70,420		\$65,000
10-40-30-510-030	WU - Ops - Source - Overtime	\$4,834	\$17,401	\$6,000	\$10,305		\$6,600
10-40-40-510-030	WU - Ops - Purification - Overtime	\$36,978	\$26,684	\$30,000	\$27,063		\$33,000
10-40-50-510-030	WU - Ops - PowerAndPump - Overtime	\$18,525	\$16,520	\$8,000	\$8,806		\$8,800
10-40-60-510-030	WU - Ops - TandD - Overtime	\$249,530	\$314,542	\$210,000	\$180,347		\$231,000
510-040	Standby Pay	\$206,280	\$205,795	\$195,000	\$147,905	\$0	\$195,000
10-40-30-510-040	WU - Ops - Source - Standby Pay				\$4,796		\$0
10-40-40-510-040	WU - Ops - Purification - Standby Pay	\$8,731	\$10,375	\$10,000	\$5,649		\$10,000

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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	\$137,461		\$185,000
520-010	Compensated Annual Leave (CAL) (*YTD Actual Expenses - CAL were added to YTD Actual Expenses - Salaries & Wages)	\$0	\$0	\$0	\$0		\$0
520-040	Vacation & Compensatory Time Payout	\$32,014	\$0	\$100,000	\$0	\$0	\$100,000
10-01-10-520-040	WU - Admin - Admin - Vacation Payout	\$32,014	\$0	\$90,000	\$0	\$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	\$385,450	\$0	\$638,163
10-01-10-530-010	WU - Admin - Admin - FICA	\$45,581	\$47,677	\$74,703	\$50,069		\$79,590
10-02-10-530-010	WU - IT - Admin - FICA	\$11,791	\$6,228	\$20,488	\$11,033		\$19,401
10-10-40-530-010	WU - Qual - Purification - FICA	\$17,925	\$20,324	\$19,475	\$14,898		\$16,837
10-20-10-530-010	WU - Eng - Admin - FICA	\$18,030	\$18,812	\$25,038	\$13,117		\$34,475
10-21-10-530-010	WU - Const - Admin - FICA	\$32,605	\$31,394	\$44,996	\$13,700		\$43,802
10-22-10-530-010	WU - Plan - Admin - FICA	\$39,807	\$33,211	\$42,607	\$32,586		\$36,568
10-30-20-530-010	WU - Bill - Collection - FICA	\$31,979	\$40,507	\$45,722	\$31,684		\$50,457
10-31-10-530-010	WU - Acctg - Admin - FICA	\$39,100	\$41,208	\$51,830	\$34,910		\$59,369
10-40-30-530-010	WU - Ops - Source - FICA	\$28,196	\$35,983	\$41,593	\$27,285		\$41,659
10-40-40-530-010	WU - Ops - Purification - FICA	\$16,711	\$17,284	\$24,903	\$15,419		\$13,979
10-40-50-530-010	WU - Ops - PowerAndPump - FICA	\$15,718	\$16,106	\$16,355	\$10,457		\$17,188
10-40-60-530-010	WU - Ops - TandD - FICA	\$163,067	\$188,828	\$212,801	\$130,292		\$224,837
530-020	Retirement Contributions	\$4,136,843	\$3,340,960	\$1,935,900	\$1,146,770	\$0	\$1,978,079
10-01-10-530-020	WU - Admin - Admin - Retirement Contributions	\$414,583	\$319,688	\$223,561	\$131,535		\$225,694
10-02-10-530-020	WU - IT - Admin - Retirement Contributions	\$90,215	\$41,353	\$64,275	\$28,913		\$60,867
10-10-40-530-020	WU - Qual - Purification - Retirement Contributions	\$165,329	\$141,284	\$61,099	\$45,844		\$52,823
10-20-10-530-020	WU - Eng - Admin - Retirement Contributions	\$161,832	\$131,513	\$78,551	\$38,095		\$108,156
10-21-10-530-020	WU - Const - Admin - Retirement Contributions	\$304,848	\$221,299	\$141,165	\$43,845		\$137,418
10-22-10-530-020	WU - Plan - Admin - Retirement Contributions	\$366,997	\$241,878	\$133,668	\$118,353		\$114,722
10-30-20-530-020	WU - Bill - Collection - Retirement Contributions	\$307,558	\$288,216	\$143,440	\$106,329		\$158,296
10-31-10-530-020	WU - Acctg - Admin - Retirement Contributions	\$357,868	\$285,216	\$162,603	\$108,883		\$186,257
10-40-30-530-020	WU - Ops - Source - Retirement Contributions	\$270,995	\$259,305	\$130,487	\$86,829		\$130,696
10-40-40-530-020	WU - Ops - Purification - Retirement Contributions	\$153,525	\$112,083	\$78,128	\$30,642		\$43,856
10-40-50-530-020	WU - Ops - PowerAndPump - Retirement Contributions	\$149,447	\$115,572	\$51,310	\$34,477		\$53,924
10-40-60-530-020	WU - Ops - TandD - Retirement Contributions	\$1,393,647	\$1,183,552	\$667,611	\$373,025		\$705,370
530-030	Life and Health Insurance	\$530,772	\$538,967	\$677,955	\$435,137	\$0	\$689,383
10-01-10-530-030	WU - Admin - Admin - Life and Health Insurance	\$50,091	\$43,085	\$55,742	\$47,199		\$77,978
10-02-10-530-030	WU - IT - Admin - Life and Health Insurance	\$14,452	\$6,802	\$16,052	\$9,790		\$20,165
10-10-40-530-030	WU - Qual - Purification - Life and Health Insurance	\$11,099	\$11,377	\$11,232	\$6,169		\$1,227
10-20-10-530-030	WU - Eng - Admin - Life and Health Insurance	\$19,423	\$18,699	\$28,477	\$17,211		\$37,944
10-21-10-530-030	WU - Const - Admin - Life and Health Insurance	\$43,482	\$12,499	\$43,262	\$16,527		\$56,263
10-22-10-530-030	WU - Plan - Admin - Life and Health Insurance	\$53,012	\$44,213	\$64,083	\$46,649		\$35,733
10-30-20-530-030	WU - Bill - Collection - Life and Health Insurance	\$41,308	\$46,380	\$50,161	\$32,519		\$41,543
10-31-10-530-030	WU - Acctg - Admin - Life and Health Insurance	\$42,397	\$49,762	\$61,451	\$50,750		\$76,641
10-40-30-530-030	WU - Ops - Source - Life and Health Insurance	\$31,001	\$45,811	\$48,463	\$38,399		\$58,530
10-40-40-530-030	WU - Ops - Purification - Life and Health Insurance	\$9,346	\$7,805	\$13,890	\$3,150		\$4,627

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OPERATING EXPENSES (Detail)							
10-40-50-530-030	WU - Ops - PowerAndPump - Life and Health Insurance	\$19,354	\$19,877	\$19,694	\$13,774		\$12,323
10-40-60-530-030	WU - Ops - TandD - Life and Health Insurance	\$195,808	\$232,657	\$265,448	\$153,001		\$266,410
530-040	Workers Compensation	\$0	\$0	\$0	\$0		\$0
530-060	Post-Employment Benefits (OPEB)	\$1,041,000	\$998,491	\$1,143,000	\$1,131,851	\$11,149	\$1,058,000
10-01-10-530-060	WU - Admin - Admin - OPEB	\$121,952	\$89,076	\$132,615	\$150,523		\$130,021
10-02-10-530-060	WU - IT - Admin - OPEB	\$19,363	\$9,652	\$37,266	\$25,951		\$31,587
10-10-40-530-060	WU - Qual - Purification - OPEB	\$44,995	\$39,125	\$39,271	\$41,781		\$30,452
10-20-10-530-060	WU - Eng - Admin - OPEB	\$44,406	\$36,740	\$49,669	\$33,856		\$62,172
10-21-10-530-060	WU - Const - Admin - OPEB	\$84,840	\$92,625	\$89,695	\$41,533		\$78,655
10-22-10-530-060	WU - Plan - Admin -OPEB	\$86,389	\$66,118	\$84,319	\$95,360		\$62,719
10-30-20-530-060	WU - Bill - Collection - OPEB	\$78,316	\$81,167	\$83,646	\$97,675		\$84,176
10-31-10-530-060	WU - Acctg - Admin - OPEB	\$88,551	\$81,796	\$95,399	\$90,050		\$99,253
10-40-30-530-060	WU - Ops - Source - OPEB	\$72,081	\$72,037	\$83,965	\$95,226		\$75,738
10-40-40-530-060	WU - Ops - Purification - OPEB	\$31,368	\$33,502	\$44,603	\$29,977		\$19,571
10-40-50-530-060	WU - Ops - PowerAndPump - OPEB	\$35,590	\$32,247	\$31,688	\$37,861		\$29,997
10-40-60-530-060	WU - Ops - TandD - OPEB	\$333,149	\$364,407	\$370,866	\$392,059		\$353,659
540-010	Professional Services - General	\$2,243,026	\$1,945,728	\$4,087,150	\$1,549,875	\$4,272,371	\$10,203,100
10-01-10-540-010	WU - Admin - Admin - Professional Services - General	\$199,852	\$87,917	\$305,300	\$57,843	\$21,362	\$406,500
10-02-10-540-010	WU - IT - Admin - Professional Services - General	\$526,502	\$729,917	\$70,000	\$29,173	\$12,540	\$580,000
10-10-40-540-010	WU - Qual - Purification - Professional Services - General	\$103,957	\$27,736	\$45,250	\$328,968	\$258,447	\$2,925,000
10-20-10-540-010	WU - Eng - Admin - Professional Services - General	\$445,056	\$342,032	\$245,000	\$784,459	\$2,809,241	\$2,925,000
10-21-10-540-010	WU - Const - Admin - Professional Services - General	\$530,630	\$412,726	\$1,000,000	\$34,716	\$19,598	\$2,925,000
10-22-10-540-010	WU - Plan - Admin - Professional Services - General	\$430,041	\$137,480	\$1,635,000	\$269,974	\$1,026,824	\$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	\$124,358	\$41,600
10-40-60-540-010	WU - Ops - TandD - Professional Services - General	\$0	\$0	\$550,000	\$0	\$0	\$400,000
540-020	Professional Services - Accounting and Auditing	\$69,900	\$84,500	\$106,800	\$74,100	\$0	\$120,000
10-31-10-540-020	WU - Acctg - Admin - Professional Services - Accounting and Auditing	\$69,900	\$84,500	\$106,800	\$74,100	\$0	\$120,000
541-010	Other Services	\$40,503	\$46,774	\$51,800	\$40,641	\$1,092	\$77,200
10-01-10-541-010	WU - Admin - Admin - Other Services	\$10,834	\$3,371	\$1,500	\$0	\$0	\$0
10-30-20-541-010	WU - Bill - Collection - Other Services	\$15,083	\$21,280	\$26,700	\$20,943	\$1,092	\$33,200
10-31-10-541-010	WU - Acctg - Admin - Other Services	\$13,924	\$21,806	\$21,600	\$19,190	\$0	\$42,000
10-40-60-541-010	WU - Ops - TandD - Other Services	\$662	\$317	\$2,000	\$508	\$0	\$2,000
541-020	Billing Costs	\$117,017	\$134,244	\$214,556	\$124,649	\$0	\$223,790
10-30-20-541-020	WU - Bill - Collection - Billing Costs	\$117,017	\$134,244	\$214,556	\$124,649	\$0	\$223,790
10-01-10-542-010	WU - Admin - Admin - Public Relations - General	\$91,950	\$44,688	\$82,900	\$67,746	\$17,711	\$90,950
542-020	Procurement Advertising	\$8,127	\$37,589	\$10,000	\$9,677	\$0	\$5,000
10-01-10-542-020	WU - Admin - Admin - Procurement Advertising	\$8,127	\$37,589	\$10,000	\$9,677	\$0	\$5,000
543-000	Communication Services	\$117,611	\$124,875	\$138,780	\$92,486	\$8,550	\$145,312
10-01-50-543-000	WU/Admin/PowerAndPump - Communication Services						\$0
10-02-10-543-000	WU - IT - Admin - Communication Services	\$74,341	\$108,046	\$91,696	\$79,112	\$8,550	\$87,828
10-02-50-543-000	WU - IT - PowerAndPump - Communication Services	\$43,270	\$16,778	\$47,084	\$13,374	\$0	\$57,484
10-40-50-543-000	WU - Ops - PowerAndPump - Communication Services	\$0	\$51	\$0	\$0	\$0	\$0
544-000	Freight and Postage	\$2,152	\$3,482	\$4,600	\$154,164	\$1,504,371	\$8,000

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OPERATING EXPENSES (Detail)							
10-01-10-544-000	WU - Admin - Admin - Freight and Postage	\$1,412	\$2,070	\$3,100	\$2,000	\$0	\$5,000
10-02-10-544-000	WU - IT - Admin - Freight and Postage	\$0	\$1,000	\$0	\$248	\$0	\$0
10-20-10-544-000	WU - Eng - Admin - Freight and Postage	\$0	0.00%	0	150800	1504371.4	0
10-10-40-544-000	WU - Qual - Purification - Freight and Postage	\$740	\$412	\$1,500	\$1,116	\$0	\$3,000
545-000	Rentals and Leases	\$65,845	\$73,601	\$134,100	\$84,064	\$11,598	\$153,600
10-01-10-545-000	WU - Admin - Admin - Rentals and Leases	\$21,171	\$22,230	\$50,900	\$38,889	\$0	\$67,100
10-02-10-545-000	WU - IT - Admin - Rentals and Leases	\$22,380	\$18,376	\$33,200	\$36,446	\$2,908	\$36,500
10-40-60-545-000	WU - Ops - TandD - Rentals and Leases	\$22,294	\$32,995	\$50,000	\$8,729	\$8,690	\$50,000
546-000	Insurance	\$99,701	\$96,703	\$5,000	\$2,080	\$0	\$130,000
10-01-10-546-000	WU - Admin - Admin - Insurance	\$99,701	\$96,703	\$5,000	\$2,080	\$0	\$130,000
547-000	County Service Charge	\$2,174,298	\$2,201,634	\$2,174,298	\$1,834,695	\$0	\$2,201,634
10-00-10-547-000	WU - County Service Charge	\$2,174,298	\$2,201,634	\$2,174,298	\$1,834,695	\$0	\$2,201,634
551-000	Utility Services	\$2,425,709	\$2,502,528	\$2,863,878	\$2,360,681	\$0	\$3,147,500
10-01-10-551-000	WU - Admin - Admin - Utility Services	\$114,165	\$141,797	\$171,500	\$119,114	\$0	\$179,800
10-40-50-551-000	WU - Ops - PowerAndPump - Utility Services	\$2,311,544	\$2,360,731	\$2,700,000	\$2,241,568	\$0	\$2,967,700
560-000	Repairs and Maintenance - Water System	\$308,397	\$45,935	\$211,000	\$177,917	\$237,045	\$360,000
10-40-50-501-000	WU - Ops - Powerand Pump - Emergency Repairs	\$1,641	\$0	\$0	\$0	\$0	\$0
10-40-50-560-000	WU - Ops - Source - Repairs and Maintenance - Water System	\$57,480	\$17,678	\$40,000	\$16,173	\$4,107	\$40,000
10-40-60-560-000	WU - Ops - TandD - Repairs and Maintenance - Water System	\$249,276	\$28,257	\$171,000	\$161,744	\$232,938	\$320,000
561-000	Repairs and Maintenance - Other than Water System	\$500,203	\$461,944	\$1,077,300	\$339,032	\$228,144	\$1,344,489
10-01-10-561-000	WU - Admin - Admin - Repairs and Maintenance - Other than Water System	\$1,641	\$10,550	\$0	\$0	\$0	\$0
10-02-10-561-000	WU - IT - Admin - Repairs and Maintenance - Other than Water System	\$386,466	\$233,733	\$547,100	\$173,349	\$160,530	\$834,489
10-10-40-561-000	WU - Qual - Purification - Repairs and Maintenance - Other than Water System	\$3,624	\$9,144	\$4,000	\$1,116	\$0	\$0
10-20-10-561-000	WU - Eng - Admin - Repairs and Maintenance - Other than Water System	\$0	\$0	\$0	\$0	\$0	\$5,000
10-21-40-561-000	WU - Const - Admin - Repairs and Maintenance - Other than Water System	\$0	\$0	\$0	\$6,091	\$0	\$5,000
10-22-10-561-000	WU - Plan - Admin - Repairs and Maintenance - Other than Water System	\$0	\$0	\$0	\$0	\$0	\$5,000
10-30-20-561-000	WU - Bill-Collection - Repairs and Maintenance - Other than Water System	\$0	\$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	\$0
10-40-60-561-000	WU - Ops - TandD - Repairs and Maintenance - Other than Water System	\$108,472	\$208,517	\$526,200	\$158,475	\$67,615	\$495,000
562-000	Office Supplies	\$11,901	\$17,869	\$22,000	\$14,283	\$752	\$29,000
10-01-10-562-000	WU - Admin - Admin - Office Supplies	\$0	\$0	\$0	\$0	\$0	\$0
10-31-10-562-000	WU - Accounting - Admin - Office Supplies	\$11,901	\$17,869	\$22,000	\$14,283	\$752	\$29,000
563-000	Operating Supplies	\$884,929	\$979,530	\$936,220	\$789,682	\$189,754	\$668,380
10-01-10-563-000	WU - Admin - Admin - Operating Supplies	\$5,905	\$4,493	\$5,000	\$11,842	\$0	\$10,000
10-02-10-563-000	WU - IT - Admin - Operating Supplies	\$32,279	\$78,158	\$58,000	\$30,733	\$21,452	\$53,000
10-10-40-563-000	WU - Qual - Purification - Operating Supplies	\$13,225	\$13,553	\$15,000	\$0	\$0	\$0
10-20-10-563-000	WU - Eng - Admin - Operating Supplies	\$0	\$0	\$300	\$6,091	\$0	\$26,000
10-21-10-563-000	WU - Const - Admin - Operating Supplies	\$1,637	\$31,099	\$4,500	\$0	\$0	\$0
10-22-10-563-000	WU - Plan - Admin - Operating Supplies	\$162	\$2,453	\$1,000	\$13,114	\$3,690	\$26,000
10-30-20-563-000	WU - Bill - Collection - Operating Supplies	\$4,323	\$6,212	\$4,500	\$11,634	\$1,421	\$6,500
10-31-10-563-000	WU - Acctg - Admin - Operating Supplies	\$992	\$1,432	\$3,000	\$4,534	\$107	\$4,000
10-40-30-563-000	WU - Ops - Source - Operating Supplies	\$86,811	\$63,026	\$60,000	\$50,444	\$106	\$60,000
10-40-40-563-000	WU - Ops - Purification - Operating Supplies	\$98,154	\$125,011	\$101,920	\$79,260	\$0	\$152,880
10-40-50-563-000	WU - Ops - PowerAndPump - Operating Supplies	\$69,278	\$90,508	\$35,000	\$30,354	\$6,655	\$35,000

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		FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021-2022 Budget	FY 2021 - 2022 YTD Expensed Amount	Encumbered	FY 2022-2023 Proposed Budget
OPERATING EXPENSES (Detail)							
10-40-60-563-000	WU - Ops - TandD - Operating Supplies	\$560,290	\$563,586	\$255,000	\$241,940	\$34,453	\$275,000
10-40-50-563-010	WU - Ops - PowerAndPump - Operating Supplies - Invty. Stock	\$11,873	\$0	\$15,000	\$81,666	\$14,995	\$20,000
10-40-60-563-010	WU - Ops - TandD - Operating Supplie - Invty. Stock	\$0	\$0	\$378,000	\$228,069	\$106,875	\$0
564-000	Fuel	\$105,941	\$101,759	\$122,500	\$123,551	\$1,176	\$175,000
10-40-60-564-000	WU - Ops - TandD - Fuel	\$105,941	\$101,759	\$122,500	\$123,551	\$1,176	\$175,000
565-000	Bulk Water Purchase	\$1,546,547	\$4,054,076	\$1,820,176	\$1,356,684	\$3,082	\$1,918,185
10-40-30-565-000	WU - Ops - Source - Bulk Water Purchase (Reclass)	\$1,546,547	\$4,054,076	\$1,820,176	\$1,356,684	\$3,082	\$1,918,185
10-40-60-565-000	WU - Ops - TandD - Bulk Water Purchase	\$0	\$0	\$0	\$0	\$0	\$0
570-010	Books, Publications, Subscriptions, and Memberships	\$21,328	\$33,689	\$27,630	\$18,772	\$3,690	\$29,980
10-01-10-570-010	WU - Admin - Admin - Books, Publications, Subscriptions, and Memberships	\$19,441	\$20,676	\$21,270	\$5,692	\$0	\$23,370
10-02-10-570-010	WU - IT - Admin - Books, Publications, Subscriptions, and Memberships	\$962	\$12,178	\$500	\$0	\$0	\$500
10-10-40-570-010	WU - Qual - Purification - Books, Publications, Subscriptions, and Memberships	\$0	\$0	\$0	\$0	\$0	\$0
10-20-10-570-010	WU - Eng - Admin - Books, Publications, Subscriptions, and Memberships	\$0	\$0	\$0	\$169	\$895	\$5,000
10-21-10-570-010	WU - Const - Admin - Books, Publications, Subscriptions, and Memberships	\$775	\$685	\$850	\$10,568	\$2,010	\$0
10-22-10-570-010	WU - WRP - Admin - Books, Publications, Subscriptions, and Memberships	\$0	\$0	\$3,900	\$2,193	\$785	\$0
10-30-20-570-010	WU - Bill - Collection - Books, Publications, Subscriptions, and Memberships	\$0	\$0	\$350	\$0	\$0	\$300
10-31-10-570-010	WU - Acctg - Admin - Books, Publications, Subscriptions, and Memberships	\$150	\$150	\$760	\$150	\$0	\$810
10-40-60-570-010	WU - Ops - TandD - Books, Publications, Subscriptions, and Memberships	\$0	\$0	\$0	\$0	\$0	\$0
570-020	Books, Publications, Subscriptions, and Memberships - Board	\$300	\$75	\$595	\$227	\$0	\$600
10-01-10-570-020	WU - Admin - Admin - Books, Publications, Subscriptions, and Memberships - B	\$300	\$75	\$595	\$227	\$0	\$600
571-010	Training and Development	\$38,964	\$41,147	\$85,650	\$49,821	\$241	\$94,100
10-01-10-571-010	WU - Admin - Admin - Training and Development	\$11,933	\$1,678	\$26,500	\$2,897	\$241	\$15,500
10-02-10-571-010	WU - IT - Admin - Training and Development	\$1,806	\$39	\$2,000	\$626	\$0	\$6,600
10-10-40-571-010	WU - Qual - Purification - Training and Development	\$60	\$0	\$1,600	\$2,278	\$0	\$5,000
10-20-10-571-010	WU - Eng - Admin - Training and Development	\$375	\$0	\$500	\$184	\$0	\$26,000
10-21-10-571-010	WU - Const - Admin - Training and Development	\$1,639	\$0	\$3,300	\$0	\$0	\$5,000
10-22-10-571-010	WU - Plan - Admin - Training and Development	\$1,100	\$18,653	\$18,000	\$987	\$0	\$0
10-30-20-571-010	WU - Bill - Collection - Training and Development	\$0	\$0	\$3,000	\$0	\$0	\$3,000
10-31-10-571-010	WU - Acctg - Admin - Training and Development	\$187	\$3,388	\$5,750	\$1,764	\$0	\$3,000
10-40-60-571-010	WU - Ops - TandD - Training and Development	\$21,864	\$17,389	\$25,000	\$41,085	\$0	\$30,000
572-010	Travel and Per Diem	\$47,076	\$0	\$59,900	\$11,940	\$0	\$215,100
10-01-10-572-010	WU - Admin - Admin - Travel and Per Diem	\$31,341	\$0	\$59,900	\$7,637	\$0	\$53,130
10-02-10-572-010	WU - IT - Admin - Travel and Per Diem	\$0	\$0	\$0	\$0	\$0	\$15,000
10-20-10-572-010	WU - Eng - Admin - Travel and Per Diem	\$225	\$0	\$0	\$1,291	\$0	\$65,250
10-21-10-572-010	WU - Const - Admin - Travel and Per Diem	\$2,195	\$0	\$0	\$1,824	\$0	\$26,000
10-22-10-572-010	WU - Plan - Admin - Travel and Per Diem	\$5,888	\$0	\$0	\$0	\$0	\$26,000
10-30-20-572-010	WU - Bill - Collection - Travel and Per Diem	\$1,809	\$0	\$0	\$0	\$0	\$5,000
10-31-10-572-010	WU - Acc - Admin - Travel and Per Diem	\$212	\$0	\$0	\$214	\$0	\$5,720
10-40-40-572-010	WU - Ops - Purification - Travel and Per Diem						
10-40-50-572-010	WU - Ops - PowerAndPump - Travel and Per Diem						
10-40-60-572-010	WU - Ops - TandD - Travel and Per Diem	\$5,406	\$0	\$0	\$975	\$0	\$19,000
572-020	Travel and Per Diem - Board	\$0	\$0	\$7,280	\$0	\$0	\$13,250
10-01-10-572-020	WU - Admin - Admin - Travel and Per Diem - Board	\$0	\$0	\$7,280	\$0	\$0	\$13,250
573-010	Meeting Expense	\$13,067	\$1,625	\$22,200	\$6,478	\$0	\$42,170

Operating Expense Detail

5/18/2022

Operating Expense Detail

		FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021-2022 Budget	FY 2021 - 2022 YTD Expensed Amount	Encumbered	FY 2022-2023 Proposed Budget
OPERATING EXPENSES (Detail)							
10-01-10-573-010	WU - Admin - Admin - Meeting Expense	\$8,987	\$1,625	\$17,500	\$4,654	\$0	\$16,970
10-02-10-573-010	WU - IT - Admin - Meeting Expense	\$0	\$0	\$0	\$0	\$0	\$8,000
10-20-10-573-010	WU - Eng - Admin - Meeting Expense	\$0	\$0	\$200	\$0	\$0	\$16,000
10-21-10-573-010	WU - Const - Admin - Meeting Expense	\$2,200	\$0	\$0	\$0	\$0	\$0
10-22-10-573-010	WU - WRP - Admin - Meeting Expense	\$880	\$0	\$4,500	\$1,824	\$0	\$0
10-30-20-573-010	WU - Bill - Collection - Meeting Expense	\$0	\$0	\$0	\$0	\$0	\$600
10-31-10-573-010	WU - Acctg - Admin - Meeting Expense	\$0	\$0	\$0	\$0	\$0	\$600
10-40-60-573-010	WU - Ops - TandD - Meeting Expense	\$1,000	\$0	\$0	\$0	\$0	\$0
573-020	Meeting Expense - Board	\$1,037	\$301	\$2,000	\$1,527	\$0	\$6,500
10-01-10-573-020	WU - Admin - Admin - Meeting Expense - Board	\$1,037	\$301	\$2,000	\$1,527	\$0	\$6,500
582-000	Interest Expense	\$2,126,288	\$2,949,517	\$2,860,863	\$2,288,951	\$571,912	\$2,619,332
10-00-00-582-000	WU - Interest Expense	\$2,126,288	\$2,949,517	\$2,860,863	\$2,288,951	\$571,912	\$2,619,332
Water Utility Fund Bond and Loan Repayment		\$5,031,869	\$5,160,541	\$5,170,095	\$5,119,727	\$50,367	\$4,961,483
682-000	Debt Principal Repayment	\$5,031,869	\$5,160,541	\$5,170,095	\$5,119,727	\$50,367	\$4,961,483
10-00-00-682-000	WU - Debt Principal Repayment	\$5,031,869	\$5,160,541	\$5,170,095	\$5,119,727	\$50,367	\$4,961,483
Water Utility Fund - Non Cash Operating Expenses		\$7,190,080	\$7,109,742	\$7,900,803	\$5,833,822	\$0	\$7,350,379
10-00-90-580-000	WU - Depreciation - Depreciation	\$7,000,563	\$6,906,157	\$7,190,082	\$5,739,332	\$0	\$7,190,082
10-00-90-581-000	WU - Depreciation - Amortization	\$231,449	\$235,859	\$752,653	\$138,568	\$0	\$235,859
10-00-90-582-000	WU - Bond Inflows & Outflows	-\$41,932	-\$32,274	-\$41,932	-\$44,078	\$0	-\$75,562

Misc. Capital Outlay

		FY 2019- 2020 Actual	FY 2020- 2021 Actual	FY 2021- 2022 Budget	FYTD Expensed Amount	Encumbered Amount	Proposed Budget FY 2022- 2023
CAPITAL Outlay (New Appropriations)		\$799,458	\$922,327	\$1,648,700	\$400,977	\$641,199	\$6,230,397
Water Utility Fund (Misc. Capital Purchases - Replacement)		\$675,928	\$467,965	\$628,700	\$346,264	\$535,894	\$5,487,897
10-01-00-604-999	WU-Admin-RandR Capital Purchases	\$0	\$0	\$0	\$0	\$0	\$0
10-02-00-604-999	WU-IT-RandR Capital Purchases	\$126,578	\$46,325	\$179,000	\$10,900	\$61,476	\$2,105,000
10-10-40-604-999	WU-Qual-Purification-RandR Capital Purchases	\$35,695	\$0	\$0	\$0	\$0	\$0
10-20-00-604-999	WU-Eng/Admin/Capital Purchases	\$0	\$0	\$0	\$0	\$0	\$0
10-21-00-604-999	WU-Const/Admin/Capital Purchases	\$0	\$1,217	\$200	\$0	\$0	\$16,000
10-30-00-604-999	WU-Fiscal-RandR Capital Purchases	\$0	\$0	\$50,000	\$12,823	\$60,897	\$60,897
10-40-00-604-999	WU-Ops-RandR Capital Purchases	\$513,655	\$420,423	\$399,500	\$322,542	\$413,520	\$3,306,000
Water Utility Fund (Misc. Capital Purchases - New)		\$123,530	\$454,362	\$1,020,000	\$54,713	\$105,305	\$742,500
10-01-00-605-999	WU-Admin-RandR Capital Purchases	\$0	\$0	\$0	\$0	\$0	\$0
10-02-00-605-999	WU-IT-Expansion Capital Purchases	\$32,499	\$50,980	\$120,000	\$41,988	\$3,225	\$72,000
10-10-40-605-999	WU-Qual-Expansion Capital Purchases	\$0	\$0	\$0	\$0	\$0	\$0
10-20-00-605-999	WU-Eng/Admin/Capital Purchases	\$0	\$0	\$0	\$0	\$0	\$0
10-21-00-605-999	WU-Cons/Admin/Capital Purchases	\$0	\$0	\$10,000	\$0	\$0	\$0
10-30-00-605-999	WU-Fiscal-RandR Capital Purchases	\$0	\$0	\$775,000	\$0	\$0	\$0
10-31-00-605-999	WU-Const/Admin/Capital Purchases	\$0	\$0	\$0	\$0	\$0	\$0
10-40-00-605-999	WU-Ops-Expansion Capital Purchases	\$91,031	\$403,382	\$115,000	\$12,725	\$102,080	\$670,500

New Capital Outlay

		FY 2019- 2020 Actual	FY 2020- 2021 Actual	FY 2021- 2022 Budget	FY 2021- 2022 Expensed as of 4/30/22	Encumbrance Amount	Proposed Budget FY 2022- 2023
CAPITAL OUTLAY - CIP (New Appropriations)		\$4,114,217	\$2,861,189	\$46,510,000	\$108,512	\$11,644,011	\$44,599,938
Water Utility Fund (Capital Outlay - Rehabilitation & Replacement- Design)		\$166,636	\$156,271	\$0	\$28,917	\$768,475	\$2,100,000
10-20-00-604-001	WU-Eng-ALLR-KW-07 Paua Valley Tank Repair	\$5,618	\$0	\$0	\$0	\$17,270	\$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	\$28,579	\$108,491	\$100,000
10-20-00-604-149	WU-Eng-Kuhio Hwy (N. Papaloa to Waikaea Canal) Main Replace (RR 56%)	\$0	\$0	\$0	\$0		\$500,000
10-20-00-604-157	WU-Kilauea Wells MCC rehab	\$0	\$0	\$0	\$338	\$66,864	\$0
10-20-00-604-160	WU-Job 18-02 Islandwide Rehabilitation of Tanks	\$66,928	\$0	\$0	\$0	\$346,218	\$0
10-20-00-604-162	WU-Eng-17-13 & 14, Engineering Services for Islandwide Vulnerability and Resiliency Assessment.	\$0	\$130,388	\$0			\$0
10-20-00-604-164	WU-Eng-Job. 18-9 Makaleha Tunnel					\$229,632	
10-20-00-604-169	Baseyard MP Ph 1	\$0	\$17,735	\$0			\$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 (Misc. Capital Purchases - Expansion)		\$0	\$0	\$200,000	\$0	\$125,000	\$0
10-20-00-605-017	18" Cane Haul Road Main						
10-20-00-605-xxx	Kuhio Hwy (Hardy-Oxford) 16" Main replacement (EXP 44% of \$150K)						
10-20-00-605-xxx	Kilauea 1.0 MG tank (EXP 90%)						
10-20-00-605-117	UH Experiment Station Tank			\$200,000			\$0
10-20-00-605-139	WU-Eng-ALLE-02-11 M-02 100K Tank & Pipeline Moloaa					\$125,000	\$0
Water Utility Fund/Const/R&R & Exp		\$860,742	\$2,661,668	\$2,500,000	\$61,988	\$8,956,202	\$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		\$2,546,002	\$0
10-21-00-604-001	Paua Valley Tank Repair	\$0	\$107,541	\$0	\$61,988	\$2,210,848	\$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	Kukuiohono Tank Demo	\$0	\$0	\$1,100,000	\$0	\$400,016	\$0
10-21-00-604-XXX	Manoa Stream WL Emergency Repairs			\$500,000			
10-21-00-604-XXX	Makaleha WL Emergency Repairs			\$500,000			
10-21-00-605-017	Job 16-02 PLH-35B Kapaia Cane Haul Rd 18" Main	\$0	\$0	\$0	\$0	\$3,195,675	\$0
10-21-00-605-118	Job 02-14 WK39 WK08 Kapaa Hmstd Well 4; Pkg A Well	\$0	\$0	\$0	\$0	\$603,661	\$0
Water Utility Fund (Capital Outlay - Rehabilitation & Replacement- Operations)		\$816,226	\$0	\$1,450,000	\$0	\$20,714	\$1,099,938
10-40-00-604-166	SWTP - Water Treatment Delivery Agreement with Grove Farm - R&R	\$816,226	\$0	\$0			
10-40-00-604-171	Replace Submersible Pump			\$150,000		\$20,714	
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

New Capital Outlay

		FY 2019- 2020 Actual	FY 2020- 2021 Actual	FY 2021- 2022 Budget	FY 2021- 2022 Expensed as of 4/30/22	Encumbrance Amount	Proposed Budget FY 2022- 2023
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			\$600,000			\$699,938
10-40-00-605-XXX	DOW Baseyard Phase I						\$0
FRC Fund (Capital Projects - Expansion - Design)		\$31,033	\$0	\$860,000	\$0	\$396,168	\$1,400,000
20-20-00-605-117	UH Experiment Station Tank - land acquisition	\$0	\$0	\$0	\$0	\$26,832	\$300,000
20-20-00-605-118	Develop Kapaa Well No. 4 site improvements (production well)	\$31,033	\$0	\$700,000	\$0	\$56,709	\$700,000
20-20-00-605-120	FRC-Eng-Kilauea 1.0 MG tank (EXP 90%)	\$0	\$0	\$0	\$0	\$7,212	\$0
20-20-00-605-153	FRC-Eng-Haena 0.2 MG tank	\$0	\$0	\$0	\$0	\$8,175	\$0
20-20-00-605-154	FRC-Eng-Drill and Test Kilauea Well #3 (EXP)	\$0	\$0	\$0	\$0	\$297,240	\$0
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
FRC Fund (Capital Projects - Expansion - Construction)		\$0	\$0	\$400,000	\$0	\$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	\$0
30-21-00-604-107	BAB-Cns-ALLR-XX-YY KP-09-MCC Chlor KoloaWell16-A,E	\$44,514	\$0	\$0	\$0		\$0
Bond Fund (Capital Projects: Design) R&R/Expansion		\$67,911	\$0	\$0	\$17,608	\$278,372	\$0
30-20-00-604-105	BAB-Eng-ALLR-09-01 K-01 Kalaheo 1111FT & 1222FT	\$67,911	\$0	\$0	\$5,326	\$42,171	\$0
30-20-00-605-116	BAB-Eng-WK-08-Kapaa Homestead Tank (Ornellas)				\$12,281	\$65,822	
30-20-00-605-120	BAB-Eng-ALLE-02-06WKK15-Kilauea 466 Tank Puu Pane					\$22,649	
30-20-00-605-125	BAB-Eng-98%E-02-01 Land for Kukuiolono Tank Site					\$53,508	
30-20-00-605-139	BAB-Eng-ALLE-Moloaa Tank Site Acquisition	\$0	\$0	\$0	\$0	\$94,222	\$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	\$0	\$1,099,078	\$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	\$0	\$7,428	\$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	\$1,091,650	\$500,000
Grant Fund (Capital Projects - R&R - Construction)		\$0	\$0	\$2,600,000	\$0	\$0	\$0
40-21-00-604-157	Kilauea 1&2 MCC (Eng. Est. \$4.5M)			\$2,600,000			\$0

New Capital Outlay

		FY 2019- 2020 Actual	FY 2020- 2021 Actual	FY 2021- 2022 Budget	FY 2021- 2022 Expensed as of 4/30/22	Encumbrance Amount	Proposed Budget FY 2022- 2023
Grant Fund (Capital Projects - Expansion - Construction)		\$0	\$0	\$14,700,000	\$0	\$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	\$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	\$ 26,612,049	\$ 60,195,936	\$ 60,010,210	\$ 60,857,271
10-00-00-400-000	WU/Water Sales	\$ 26,672,943	\$ 25,320,900	\$ 25,022,600	\$ 23,935,116	\$ 30,578,458	\$ 30,392,732	\$ 31,239,793
10-00-00-405-000	WU/Revenue from Public Fire Protection	\$ 2,174,298	\$ 2,201,634	\$ 2,174,298	\$ 1,834,695	\$ 2,201,634	\$ 2,201,634	\$ 2,201,634
10-00-00-410-000	WU/Other Water Revenue	\$ 140,291	\$ 163,083	\$ 300,000	\$ 103,598	\$ 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	\$ 470,554	\$ 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	\$ 232,860	\$ 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	\$ 34,894	\$ 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	\$ 871,761	\$ 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	\$ 670,095	\$ 800,000	\$ 800,000	\$ 800,000
20-00-00-440-000	WU/Capital Contributions - Cash Receipts (BAB Subsidy)	\$ 242,888	\$ 243,107	\$ 240,291	\$ 201,666	\$ 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	\$ (327,910)	\$ 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)	\$ (456,044)	\$ (30,000)	\$ (30,000)	\$ (30,000)
30-00-00-461-000	BAB/Investment Income	\$ 158,587	\$ 161,337	\$ 65,000	\$ 128,135	\$ 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 4/30/2022

FY 2022 - 2023 Water Sales Projection

WU/Water Sales

Estimated Water Sales - FY 2022- 2023 (see Sch. 1)		29,122,341
Estimated Water Sales Increase (growth projection)	5%	1,456,117
Estimated Power Cost Adjustment (\$0.0 pending approved water rate study)	-	-
Projected Water Sales FY 2022-2023	0	30,578,458

Sch. 1

Year To Date Water Sales (7months)

July, 2021 to April, 2022 (Actual)	82%	\$	23,935,116
May to June, 2022	18%		5,187,225
Estimated Annual	100%	\$	29,122,341
			29,122,341

Metered Consumption - in million gallons (MG)	FY 2019	FY 2020	FY 2021	FY 2022		MG	
						Increase/ (Decrease)	% Increase/ (Decrease)
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	328.025		66	25.3%
April	327.707	255.907	257.424	341.536	82%	84	32.7%
May	339.334	287.749	294.870	347.202		52	17.7%
June	322.526	378.527	330.224	388.830	18%	59	17.7%
Note: May to June , 2022 were estimated using the average % of increase/decrease.							
	3,865.433	3,812.097	3,518.313	4,132.264	100%		
Annual Increase (decrease)		(53.336)	(293.784)	613.951		46	17.7%
Equivalent rate increase (decrease)		-1.4%	-7.7%	17.5%			
Ave mo. Usage		317.675	293.193	344.355			

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	\$	2,353,168	\$ 460,031	24.3%	
April	\$	1,860,315	\$	1,839,632	\$	2,460,888	\$ 621,256	33.8%	16.72%
May	\$	2,045,570	\$	2,104,150	\$	2,412,122	\$ 307,972	14.6%	
June	\$	2,384,480	\$	2,582,137	\$	2,412,122	\$ (170,016)	-6.6%	
	\$	27,003,941	\$	25,449,354	\$	28,945,459	\$ 3,496,105	175%	

Ave. mo. billed revenues	\$	2,250,328	\$	2,120,780	\$	2,412,122	
Estimated twelve-month revenues, using the monthly average					\$	28,945,459	
Add 5% estimated increase					\$	1,447,273	
Estimated Water Sales					\$	30,392,732	Option 2

Actual Receipts, July to April, 2022	\$	24,121,216	
Estimated two-month revenues, assumed 16.7% increase based on the 10 month average increase.	\$	5,630,968	
Add 5% estimated increase	\$	1,487,609	
Estimated 12 Month Revenues, using the average % of billed revenues decrease	\$	31,239,793	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	Fun d	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
					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: DAGS - ACCOUNTING DIVISION
 BUDGET & FINANCE/BPMD

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

Account	Description	2019-2020 Actuals	2020-2021 Actual	2021-2022 Budget	2021-2022 YTD Expensed Amount	Encumbered Amount	2022-2023 Budget
Water Utility Fund							
10-01-10-540-010	WU/Admin/Admin/Professional Services - General	\$ 199,852	\$ 87,917	\$ 305,300	\$ 57,843	\$ 21,362	\$ 406,500
10-01-10-542-010	WU/Admin/Admin/Public Relations	\$ 91,950	\$ 44,688	\$ 82,900	\$ 67,746	\$ 17,711	\$ 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	\$ 2,000	\$ -	\$ 5,000
10-01-10-545-000	WU/Admin/Admin/Rentals and Leases	\$ 21,171	\$ 22,230	\$ 50,900	\$ 38,889	\$ -	\$ 67,100
10-01-10-546-000	WU/Admin/Admin/Insurance	\$ 99,701	\$ 96,703	\$ 5,000	\$ 2,080	\$ -	\$ 130,000
10-01-10-551-000	WU/Admin/Admin/Utility Services	\$ 114,165	\$ 141,797	\$ 171,500	\$ 119,114	\$ -	\$ 179,800
10-01-10-563-000	WU/Admin/Admin/Operating Supplies	\$ 5,905	\$ 4,493	\$ 5,000	\$ 11,842	\$ -	\$ 10,000
10-01-10-570-010	WU/Admin/Admin/Books, Publications, Subscriptions, and Memberships	\$ 19,441	\$ 20,676	\$ 21,270	\$ 5,692	\$ -	\$ 23,370
10-01-10-570-020	WU/Admin/Admin/Books, Publications, Subscriptions, and Memberships - Bo	\$ 300	\$ 75	\$ 595	\$ 227	\$ -	\$ 600
10-01-10-571-010	WU/Admin/Admin/Training and Development	\$ 11,933	\$ 1,678	\$ 26,500	\$ 2,897	\$ 241	\$ 15,500
10-01-10-572-010	WU/Admin/Admin/Travel and Per Diem	\$ 31,341	\$ -	\$ 59,900	\$ 7,637	\$ -	\$ 53,130
10-01-10-572-020	WU/Admin/Admin/Travel and Per Diem - Board	\$ -	\$ -	\$ 7,280	\$ -	\$ -	\$ 13,250
10-01-10-573-010	WU/Admin/Admin/Registration and Meeting Expense	\$ 8,987	\$ 1,625	\$ 17,500	\$ 4,654	\$ -	\$ 16,970
10-01-10-573-020	WU/Admin/Admin/Registration and Meeting Expense - Board	\$ 1,037	\$ 301	\$ 2,000	\$ 1,527	\$ -	\$ 6,500
	OPERATING EXPENSES	\$ 627,797	\$ 475,764	\$ 770,245	\$ 331,825	\$ 39,313	\$ 1,023,670
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	\$ 331,825	\$ 39,313	\$ 1,023,670
	SUMMARY OF CAPITAL PURCHASES	\$ 57,789	\$ -	\$ -	\$ -	\$ -	\$ -
	OPERATING EXPENSES PLUS CAPITAL OUTLAY	\$ 685,586	\$ 475,764	\$ 770,245	\$ 331,825	\$ 39,313	\$ 1,023,670

TOTAL:		WU/Admin/Admin/Professional Services - General	\$ 135,925	\$ 87,917	\$ 305,300	\$ 57,843	\$ 21,362	\$ 406,500
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY2022-2023 Proposed Budget	
Special Counsel				\$ 25,000	..		\$ 25,000	
Legislative Liaison	Pursue Federal/State Funding Opportunities			\$ 40,000			\$ 40,000	
Leadership Kaua'i Training	moved to training & development			\$ 4,000			\$ -	
Professional Interpreter & Facilitator	for Public meetings			\$ 500			\$ -	
Financial Strategy & Planning	To assist DOW develop Financial Policies on Financial Planning, Capital Improvement Planning and Prioritization, Debt Issuance and Development of a Capital & Operating Expenditures Budget			\$ -			\$ 150,000	
HR Related Services	Drug & Alcohol Medical Testing			\$ 800			\$ 1,500	
Safety Program	Professional review			\$ 75,000			\$ 5,000	
Arbitration	Arbitrator's fees			\$ 10,000			\$ 10,000	
Litigation Costs	Pending matters			\$ -			\$ -	
Document Scanning	Document scanning			\$ 150,000			\$ 100,000	
Investigative Services	Personnel related tasks						\$ 75,000	

General Expenses - Admin

TOTAL:	WU/Admin/Admin/Other Services - General	\$ 1,966	\$ 3,371	\$ 1,500	\$ -	\$ -	\$ -
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY2022-2023 Proposed Budget
Alarm Service	moved to ops			\$ 1,500			\$ -
Solid Waste Disposal Services	Garden Island Disposal			\$ -			\$ -

TOTAL:	WU/Admin/Admin/Public Relations	\$78,061	\$44,688	\$82,900	\$ 67,746	\$17,711	\$90,950
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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			\$ -

General Expenses - Admin

TOTAL:	WU/Admin/Admin/Procurement Advertising	\$ -	\$ 37,589	\$ 10,000	\$ 9,677	\$ -	\$ 5,000
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY2022-2023 Proposed Budget
Publications	All Divisions - Legal Ads for Solicitation, Public Notices for Projects, Proposals for all Divisions including Board Notices			\$ 10,000			\$ 5,000

General Expenses - Admin

TOTAL: WU/Admin/Admin/Freight and Postage Services		\$ 2,113	\$ 2,070	\$ 3,100	\$ 2,000	\$ -	\$ 5,000
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY2022-2023 Proposed Budget
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	\$ 2,000		\$ 5,000
Bureau Copy Request				\$ 100			

General Expenses - Admin

TOTAL:		WU/Admin/Admin/Rentals and Leases	\$ 20,595	\$ 22,230	\$ 50,900	\$ 38,889	\$ -	\$ 67,100
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY2022-2023 Proposed Budget	
License Fee Agreement McBryde Trust	Kalaheo/Koloa Water System			\$ 20,000			\$ 20,200	
Lease Agreement with Grove Farm	Kōloa Wells 16 A, B, & E			\$ 30,900			\$ 30,900	
Grant of Easement - Na Aina Kai Botanical	Annual Lease - Easement for booster pump station on Wailapa						\$ 1,000	
Lease agreement storage units							\$ 15,000	

TOTAL: WU/Admin/Admin/Insurance		\$62,466	\$96,703	\$ 5,000	\$ 2,080	\$ -	\$130,000
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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			\$ 5,000
Insurance and Bonds	DOW's portion of the County's annual insurance premium for coverage in excess of \$1M deductible			\$ -			\$ 125,000
Workers Compensation Settlements	Workers Comp, etc			\$ -			\$ -

TOTAL:	WU/Admin/Admin/Utility Services	\$ 174,681	\$ 141,797	\$ 171,500	\$ 119,114	\$ -	\$ 179,800
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY2022-2023 Proposed Budget
Electricity	Front/Back Office & Microlab Building			\$ 160,000			\$ 168,000
Waste water	Puhi sewer & waste water			\$ 10,000			\$ 10,300
Solid Waste	Solid Waste Disposal			\$ 1,500			\$ 1,500

TOTAL:	WU/Admin/Admin/Repairs and Maintenance - Other than Water System	\$ 6,803		\$ -		\$ -
Line Item	Notes	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022-2023 Proposed Budget
Air Conditioning	Maintenance & Service Calls					
Elevator	Maintenance and Saftey Test Fees					

General Expenses - Admin

TOTAL:	WU/Admin/Admin/Operating Supplies	\$ 3,651	\$ 4,493	\$ 5,000	\$ 11,842	\$ -	\$ 10,000
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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			\$ 10,000

TOTAL:		WU/Admin/Admin/Books, Publications, Subscriptions, and Memberships	\$ 9,237	\$ 25,240	\$ 20,676	\$ 21,270	\$ 5,692	\$ -	\$ 23,370
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY2022-2023 Proposed Budget	
AWWA Membership	Annual Membership Dues for the DOW		\$ 3,700		\$ 3,900			\$ 4,000	
Books and Subscriptions	Books for ALL DIVISIONS - Library, Subscriptions for TGI, STAR, ENR, Pacific Business News, HR, Manuals, Guide books, etc.		\$ 4,000		\$ 2,000			\$ 2,000	
Water Research Foundation	Annual Membership Dues for the DOW		\$ 10,000		\$ 8,000			\$ 8,000	
Hawaii State Bar Association	Annual Association Dues		\$ 550		\$ 550			\$ 550	
Hawaii Rural Water Association	Annual Membership Dues for the DOW		\$ 6,500		\$ 6,500			\$ 6,750	
SHRM	Society for Human Resource Management Membership Dues		\$ 270		\$ 100			\$ 360	
IPMA-HR	International Public Management Association for HR Membership Dues		\$ 220		\$ 220			\$ 160	
Contractor's Association of Kauai Membership	For 2 staff							\$ 1,550	

TOTAL:	WU/Admin/Admin/Books, Publications, Subscriptions, and Memberships - Board	\$ 450	\$ 75	\$ 595	\$ 227	\$ -	\$ 600
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY2022-2023 Proposed Budget
AWWA Membership	Individual Membership Dues for Board Members (7)			\$ 595			\$ 600

General Expenses - Admin

TOTAL:	WU/Admin/Admin/Training and Development	\$ 33,039	\$ 1,678	\$ 26,500	\$ 2,897	\$ 241	\$ 15,500
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY2022-2023 Proposed Budget
Seminars & Workshops	Training & educational workshops			\$ 20,000			\$ 5,000
Recognition Program	Service recognition, employee of the year & SOP 56			\$ 6,500			\$ 6,500
Leadership Training	the budget was moved from 540-010						\$ 4,000

TOTAL:		WU/Admin/Admin/Travel and Per Diem	\$ 26,873	\$ -	\$ 59,900	\$ 7,637	\$ -	\$ 53,130
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY2022-2023 Proposed Budget	
Legislature	Testimonies and Legislature Opening			\$ 2,500			\$ 1,160	
Water Security Advisory Group Act 172 Section 5	Manager & Chief Engineer or Designee			\$ 800			\$ -	
Fresh Water Council	Manager & Chief Engineer or Designee			\$ 800			\$ 1,160	
Water Loss Control Committee Act 169, SB2645	Manager & Chief Engineer or Designee			\$ 800			\$ -	
HRWA Quarterly Meetings	Manager & Chief Engineer or Designee						\$ 1,160	
AWWA Water Infrastructure Conference & Exposition	September 11-14, 2022 (Portland, OR) x 1						\$ 3,460	
AWWA Water Quality Technology Conference & Exposition	November 13-17, 2022 (Cincinnati, OH) x 1						\$ -	
AWWA North American Water Loss Conference & Exposition	December TBA, 2022 (TBA) x 1						\$ -	
AWWA/WEF Utility Management Conference	February TBA, 2023 (TBA) x 1						\$ 3,100	
HWWA Hawai'i Section Conference	All DOW - 2022 (Maui, HI) x 4 (postponed)						\$ -	
AWWA Hawaii HWEA Pacific Water Conference	All DOW - February TBA, 2023 (Honolulu, HI) x 4						\$ 2,350	
AWWA National Conference	All DOW - June 11-14 2023 (Toronto, Canada) x 2						\$ 6,920	
HRWA Conference	All DOW - May TBA 2023 (Hawai'i Island) x 6						\$ 6,360	
Project WET Conference	PR - August 8-11, 2022 (Spokane, Washington) x 1						\$ 3,400	
WaterSmart Innovations Conference & Expo	PR -October 2022 (Location TBA) x 1						\$ 2,380	
Government Social Media	PR - March 2023 (Location TBA) x 1						\$ 3,000	
Wahine Forum Conference	All DOW						\$ 2,100	
Administrative Conference	x 4						\$ 6,920	
IMLA Conference	CA - October 19-23 2022 (Portland, OR) x 1						\$ 2,020	
AWWA-DC Fly in	Legislative visits x2						\$ 7,640	
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				

TOTAL: WU/Admin/Admin/Travel and Per Diem - Board		\$ 6,139	\$ -	\$ 7,280	\$ -	\$ -	\$ 13,250
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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			\$ 3,800			\$ 11,310
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			\$ 1,740			\$ 1,940
HWWA Hawai'i Section Conference	Postponed - 2023 (Maui, HI) x 2 Personnel Anticipated travel (Date November TBA) 3 days & 2 nights w/ 2 rooms			\$ 1,740			\$ -

General Expenses - Admin

TOTAL:		WU/Admin/Admin/Meeting Expense	\$ 4,158	\$ 1,625	\$ 17,500	\$ 4,654	\$ -	\$ 16,970
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY2022-2023 Proposed Budget	
Board Meeting	Lunch for Board Meeting X 18 Mtgs			\$ 3,500			\$ -	
Seminars & Workshops	Meeting materials/Supplies			\$ 1,000			\$ 500	
Annual meeting	Meeting materials/Supplies			\$ 3,000			\$ -	
Meeting Expense	Departmental budget -Meeting Expense			\$ 10,000			\$ -	
Administrative Conference	Registration x 2						\$ 2,800	
AWWA Water Infrastructure Conference & Exposition	Registration September 11-14, 2022 (Portland, OR) x 1						\$ 1,400	
AWWA Water Quality Technology Conference & Exposition	Registration November 13-17, 2022 (Cincinnati, OH) x 1						\$ -	
AWWA North American Water Loss Conference & Exposition	Registration December TBA, 2022 (TBA) x 1						\$ -	
AWWA/WEF Utility Management Conference	Registration February TBA, 2023 (TBA) x 1						\$ 1,400	
HWWA Hawai'i Section Conference	Date TBA 2022 (Maui, HI) x 4						\$ -	
AWWA Hawaii HWEA Pacific Water Conference	Registration February TBA, 2023 (Honolulu, HI) x 4						\$ 2,400	
AWWA National Conference	Registration June 11-14 2023 (Toronto, Canada) x 2						\$ 2,800	
HRWA Conference	May TBA 2023 (Hawaii Island) x 6						\$ 2,400	
Project WET Conference	PR - Registration - August 8-11, 2022 (Spokane, WA) x 1						\$ 475	
WaterSmart Innovations Conference & Expo	PR - Registration Oct, 2022 (dates/location tba) x 1						\$ 400	
Gov't Social Media Conference	PR - Registration - March 2023 (dates/location tba) x 1						\$ 895	
Wahine Forum Conference	October 26-27, 2022 (Honolulu, HI) x 4						\$ 1,000	
IMLA Conference	October 19-23 2022 (Portland, OR) x 1						\$ 500	

General Expenses - Admin

TOTAL:		WU/Admin/Admin/Registration and Meeting Expense - Board	\$ 7,609	\$ 301	\$ 2,000	\$ 1,527	\$ -	\$ 6,500
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY2022-2023 Proposed Budget	
AWWA National Conference	Registration & Course Materials X 3 Toronto, Canada) (June 11-14, 2023) (\$1400 X3)						\$ 4,200	
AWWA Hawaii HWEA Pacific Water Conference	Registration & Course Materials X 4 (Honolulu, HI) (Date TBA Feb 2022) (\$550 X 2)						\$ 1,100	
HWWA Hawai'i Section Conference	Registration & Course Materials (Maui, HI) (Date TBA Nov 2021) (\$500 X 2)						\$ -	
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	\$ -	\$ -	\$ -		\$ -
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY2022-2023 Proposed Budget
Air Conditioning	Microlab Server Room (replace)						
SUV 4DR 4Wh Dr	Replace CK 2478, assigned vehicles for the Manager Chief Engineer						\$ -

Account	Description	FY 2019- 2020 YTD Actual	FY 2020- 2021 Actual	FY 2021-2022 Budget	FY 2021- 2022 YTD Expensed Amount	Encumbered Amount	FY 2022-2023 Proposed Budget
Water Utility Fund							
10-02-10-540-010	WU/IT/Admin/ Professional Services	\$ 526,502	\$ 729,917	70,000	29,173	12,540	580,000
10-02-10-543-000	WU/IT/Admin/Communication Services	\$ 74,341	\$ 108,046	\$ 91,696	\$ 79,112	\$ 8,550	\$ 87,828
10-02-50-543-000	WU/IT/Power/Pump/Communication Services	\$ 43,270	\$ 16,727	\$ 47,084	\$ 13,374	\$ -	\$ 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	\$ 36,446	\$ 2,908	\$ 36,500
10-02-10-561-000	WU/IT/Admin/Repairs and Maintenance - Other than Water System	\$ 386,466	\$ 233,733	\$ 547,100	\$ 173,349	\$ 160,530	\$ 834,489
10-02-10-563-000	WU/IT/Admin/Operating Supplies	\$ 32,279	\$ 78,158	\$ 58,000	\$ 30,733	\$ 21,452	\$ 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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,000
10-02-10-573-010	WU/IT/Admin/Meeting Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,000
	OPERATING EXPENSES	\$ 1,088,005	\$ 1,198,174	\$ 849,580	\$ 363,061	\$ 205,980	\$ 1,679,401
10-02-00-604-999	WU/IT/Capital Outlay - Rehabilitation and Replacement/Misc. Capital Purchases	\$ 126,578	\$ 46,325	\$ 179,000	\$ 10,900	\$ 61,476	\$ 2,105,000
10-02-00-605-999	WU/IT/Capital Outlay - Expansion/Misc. Capital Purchases	\$ 32,499	\$ 50,980	\$ 120,000	\$ 41,988	\$ 3,225	\$ 72,000
	SUMMARY OF CAPITAL PURCHASES	\$ 159,078	\$ 97,305	\$ 299,000	\$ 52,888	\$ 64,701	\$ 2,177,000
	SUMMARY OF OPERATING EXPENSES	\$ 1,088,005	\$ 1,198,174	\$ 849,580	\$ 363,061	\$ 205,980	\$ 1,671,401
	SUMMARY OF CAPITAL PURCHASES	\$ 159,078	\$ 97,305	\$ 299,000	\$ 52,888	\$ 64,701	\$ 2,177,000
	OPERATING EXPENSES PLUS CAPITAL OUTLAY	\$ 1,247,083	\$ 1,295,479	\$ 1,148,580	\$ 415,949	\$ 270,681	\$ 3,848,401

TOTAL: WU/IT/Admin/ Professional Services \$ 526,502 \$ 729,917 \$ 70,000 \$ 29,173 \$ 12,540 \$ 580,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 -2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 -2023 Budget
As-Needed Technical Support				\$ 30,000			\$ 150,000
IT Strategic Plan - Project Management				\$ 25,000			
Network Security Maintenance				\$ 15,000			\$ 75,000
IT Strategic Plan - Financial System Upgrade	Upgrade of Microsoft GP 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 Maintenance Management Information System (MMIS)	Evaluate/Select Software, i.e. MPET						\$ 25,000
Website Replacement	Develop DOW website						\$ 30,000

TOTAL: WU/IT/Admin/Communication Services \$ 74,341 \$ 108,046 \$ 91,696 \$ 79,112 \$ 8,550 \$ 87,828

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 -2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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 front office building	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			

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

\$ 43,270 \$ 16,778 \$ 47,084 \$ 13,374 \$ - \$ 57,484

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 -2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 -2023 Budget
Frame Relay (56K) R065	Monthly charge of 130 x 12			\$ 1,560			\$ 1,560
SCADA Room	Monthly charge of 50 x 12			\$ 600			\$ 600
Haena Connection	Monthly charge of 50 x 12			\$ 600			\$ 600
Hanalei Connection	Monthly charge of 50 x 12			\$ 600			\$ 600
SCADA Alarm	Monthly charge of 50 x 12			\$ 600			\$ 600
Auto Dialer - Lihue	Monthly charge of 50 x 12			\$ 600			\$ 600
Lawai #2	Monthly charge of 50 x 12			\$ 600			\$ 600
Kekaha - Paua	Monthly charge of 50 x 12			\$ 600			\$ 600
Auto Dialer - Kilauea	Monthly charge of 50 x 12			\$ 600			\$ 600
SCADA Submaster - Kilauea	Monthly charge of 50 x 12			\$ 600			\$ 600
Hanamaulu Tank Circuit	Monthly charge of 30 x 12			\$ 360			\$ 360
Frame Relay (56K) Ornellas	Monthly charge of 115 x 12			\$ 1,380			\$ 1,380
Frame Relay (56K) Kalaheo	Monthly charge of 130 x 12			\$ 1,560			\$ 1,560
Frame Relay (56K) Koloa	Monthly charge of 130 x 12			\$ 1,560			\$ 1,560
Frame Relay (56K) Nonou	Monthly charge of 130 x 12			\$ 1,560			\$ 1,560
Frame Relay (56K) Eleele	Monthly charge of 130 x 12			\$ 1,560			\$ 1,560
Frame Relay (56K) Kekaha/Waimea	Monthly charge of 130 x 12			\$ 1,500			\$ 1,500
Frame Relay (56K) Kilauea	Monthly charge of 130 x 12			\$ 1,560			\$ 1,560
Haena Well Connection	Monthly charge of 500 x 12			\$ 600			\$ 600
Waipao/Kekaha Connection	Monthly charge of 30 x 12			\$ 360			\$ 360
Paua/Kekaha Connection	Monthly charge of 30 x 12			\$ 360			\$ 360
Hanamaulu Booster	Monthly charge of 50 x 12			\$ 600			\$ 600
Cell phones for standby personnel	Cell Phone for Operations Personnel (23 personnel, 3 for alarm surges); 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			\$ 25,200
	phone upgrades 40 @ \$200						\$ 8,000
	phone protection 40 @ \$30						\$ 1,200
DSL Service for employee to access SCADA from home	2 DSL Services \$97 x 12			\$ 1,164			\$ 1,164
Unanticipated Costs	increased costs in surcharges & taxes			\$ 2,000			\$ 2,000
	<i>MOVED FROM OPERATIONS BUDGET TO IT FOR BETTER ACCOUNTABILITY</i>						

TOTAL: WU/IT/Admin/Rentals and Leases

\$ 22,380 \$ 18,376 \$ 33,200 \$ 36,446 \$ 2,908 \$ 36,500

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 -2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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 \$ 386,466 \$ 233,773 \$ 547,100 \$ 173,349 \$ 160,530 \$ 834,489
 - Other than Water System

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 -2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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			\$ -
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	Hawaiian 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	Engineering- 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
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						\$ 15,000
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
Miscellaneous software	Other unaccounted software						\$ 45,000

TOTAL: WU/IT/Admin/Operating Supplies \$ 32,279 \$ 78,158 \$ 58,000 \$ 30,733 \$ 21,452 \$ 53,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 -2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 -2023 Budget
Computer Supplies	Batteries, storage devices, toner, etc			\$ 40,000			\$ 5,000
Computer Hardware	Printers, external hard drives, etc			\$ 10,000			\$ -
Paper & Toner	Paper for Large Format Printers			\$ 3,000			\$ 3,000
Replacement of cell phone equipment	Hardware and Accessories			\$ 5,000			\$ 5,000
SCADA Replacement Parts Inventory	Inventory parts						\$ 40,000

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

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 -2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 -2023 Budget
Books/Magazines/Subscriptions	Computer Books and Magazines			\$ 500			\$ 500

TOTAL: WU/IT/Admin/Training and Development **\$ 1,806** **\$ 39** **\$ 2,000** **\$ 626** **\$ -** **\$ 6,600**

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 -2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 -2023 Budget
IT Training	Training for IT Personnel (formal training, including and not limited to: Great Plains, SQL Server, and SharePoint.) In person training opportunities.			\$ 2,000			\$ 5,000
Online Courses	online informal (KB Nuggets, Coursera) 4 @ 400						\$ 1,600

TOTAL: WU/IT/Admin/Meeting Expense

\$ - \$ - \$ 8,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 -2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 -2023 Budget
Training - Various	As needed on-island and/or off-island training registration to assist with the professional development of the Information Technology Division's staff. (i.e. Law, Legislation, Regulation updates & changes, ESRI, GIS & GPS Concepts, Microsoft Training, Networking, Server Systems, Business Writing, etc).			\$ -			\$ 8,000

TOTAL: WU/IT/Capital Outlay - Rehabilitation and Replacement/Misc. Capital Purchases \$ 126,578 \$ 46,325 \$ 179,000 \$ 10,900 \$ 61,476 \$ 2,105,000

Line Item	Notes	FY 2019 - 2020 YTD Actual	FY 2020 - 2021 Actual	FY 2021-2022 Proposed Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 -2023 Budget
Purchase of a Replacement Maintenance Management Information System (MMIS)	Purchase MMIS software, inc. 1st year service contract			\$ 15,000			\$ 650,000
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.			\$ -			\$ -
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			\$ 60,000
Security Camera Replacment	baseyard replacement x 12, server for 45 cam			\$ 4,000			\$ 200,000
	Admin employee safety: consult, cameras, mount						\$ 70,000
New Billing System	Implementation of a New Customer Information System (CIS) for Billing & Collection.						\$ 750,000
Computer Purchase	replacement computers						

TOTAL: WU/IT/Capital Outlay - Expansion/Misc. Capital Purchases \$ **32,499** \$ **50,980** \$ **120,000** \$ **41,988** \$ **3,225** \$ **72,000**

Line Item	Notes	FY 2019 - 2020 YTD Actual	FY 2020 - 2021 Actual	FY 2021-2022 Proposed Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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			\$ -
Trimble	Handheld device for Meter Readers						\$ 7,000

General Expenses - Engineering

Account	Description	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 YTD Actual	Encumbered Amount	FY 2022-2023 Proposed Budget
Engineering	Operating Expenses						
10-20-10-540-010	WU/Eng/Admin/Professional Services (Consolidated)	\$ 1,509,684	\$ 537,479	\$ 2,925,250	\$ 784,459	\$ 2,809,241	\$ 2,925,000
10-20-10-540-010	WU/Eng/Admin/Professional Services	\$ 445,056	\$ 240,789	\$ 245,000	\$ 328,968	\$ 258,447	\$ 2,925,000
10-10-40-540-010	WU/Qual/Purification/Professional Services - General	\$ 103,957	\$ 27,271	\$ 45,250	\$ 34,716	\$ 19,598	\$ -
10-21-10-540-010	WU/Const/Admin/Professional Services - General	\$ 530,630	\$ 263,179	\$ 1,000,000	\$ 269,974	\$ 1,026,824	\$ -
10-22-10-540-010	WU/Plan/Admin/Professional Services	\$ 430,041	\$ 6,240	\$ 1,635,000	\$ 150,800	\$ 1,504,371	\$ -
10-20-10-544-000	WU/Eng/Admin/Freight and Postage Services (Consolidated)	\$ 740	\$ 412	\$ 1,500	\$ 1,116	\$ -	\$ 3,000
10-20-10-544-000	WU/Eng/Admin/Freight and Postage Services			\$ -	\$ -	\$ -	\$ 3,000
10-10-40-544-000	WU/Qual/Purification/Freight and Postage Services	\$ 740	\$ 412	\$ 1,500	\$ 1,116	\$ -	\$ -
10-20-10-561-000	WU/Eng/Admin/R & R - Other than Water System (Consolidated)	\$ 3,624	\$ 36,192	\$ 4,000	\$ 6,091	\$ -	\$ 5,000
10-20-10-561-000	WU/Eng/Admin/Repairs & Maintenance - Other than Water System			\$ -	\$ -	\$ -	\$ 5,000
10-10-40-561-000	WU/Qual/Purification/Repairs and Maintenance - Other than Water System	\$ 3,624	\$ 6,792	\$ 4,000	\$ 6,091	\$ -	\$ -
10-21-10-561-000	WU/Const/Admin/Repairs & Maintenance - Other than Water System	\$ -	\$ 29,400	\$ -	\$ -	\$ -	\$ -
10-20-10-563-000	WU/Eng/Admin/Operating Supplies (Consolidated)	\$ 15,025	\$ 7,425	\$ 20,800	\$ 13,114	\$ 3,690	\$ 26,000
10-20-10-563-000	WU/Eng/Admin/Operating Supplies	\$ -	\$ -	\$ 300	\$ 169	\$ 895	\$ 26,000
10-10-40-563-000	WU/Qual/Purification/Operating Supplies	\$ 13,225	\$ 4,779	\$ 15,000	\$ 10,568	\$ 2,010	\$ -
10-21-10-563-000	WU/Const/Admin/Operating Supplies	\$ 1,637	\$ 1,529	\$ 4,500	\$ 2,193	\$ 785	\$ -
10-22-10-563-000	WU/Plan/Admin/Operating Supplies	\$ 162	\$ 1,117	\$ 1,000	\$ 184	\$ -	\$ -
10-20-10-570-010	WU/Eng/Admin/Books, Publications, Subscriptions, and Memberships (Consolidated)	\$ 775	\$ 685	\$ 5,250	\$ 2,278	\$ -	\$ 5,000
10-20-10-570-010	WU/Eng/Admin/Books, Publications, Subscriptions, and Memberships	\$ -	\$ -	\$ 500	\$ -	\$ -	\$ 5,000
10-21-10-570-010	WU/Const/Admin/Books, Publications, Subscriptions, and Memberships	\$ 775	\$ 685	\$ 850	\$ 987	\$ -	\$ -
10-22-10-570-010	WU/Plan/Admin/Books, Publications, Subscriptions, and Memberships (N	\$ -	\$ -	\$ 3,900	\$ 1,291	\$ -	\$ -
10-20-10-571-010	WU/Eng/Admin/Training and Development (Consolidated)	\$ 3,174	\$ -	\$ 23,400	\$ 1,824	\$ -	\$ 26,000
10-20-10-571-010	WU/Eng/Admin/Training and Development	\$ 375	\$ -	\$ 500	\$ -	\$ -	\$ 26,000
10-10-40-571-010	WU/Qual/Purification/Training and Development	\$ 60	\$ -	\$ 1,600	\$ -	\$ -	\$ -
10-21-10-571-010	WU/Const/Admin/Training and Development	\$ 1,639	\$ -	\$ 3,300	\$ -	\$ -	\$ -
10-22-10-571-010	WU/Plan/Admin/Training and Development	\$ 1,100	\$ -	\$ 18,000	\$ 1,824	\$ -	\$ -
10-20-10-572-010	WU/Eng/Admin/Travel and Per Diem (Consolidated)	\$ 8,083	\$ -	\$ -	\$ -	\$ -	\$ 65,250
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 (Consolidated)	\$ 3,080	\$ -	\$ 4,700	\$ -	\$ -	\$ 16,000
10-20-10-573-010	WU/Eng/Admin/Meeting Expense	\$ -	\$ -	\$ 200	\$ -	\$ -	\$ 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	\$ 1,544,184.39	\$ 582,193.55	\$ 2,984,900.00	\$ 808,881.67	\$ 2,812,931.40	\$ 3,071,250.00
Engineering	Miscellaneous Capital Outlay						
10-20-00-604-999	WU/Eng/Admin/Capital Outlay - R & R/Misc. Capital Purchases	\$ -	\$ -	\$ 8,000	\$ 1,097	\$ -	\$ 20,000
10-10-40-604-999	WU/Eng/Qual/Purification/Misc. Capital Outlay - Replacement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10-21-00-604-999	WU/Const/Admin/Misc. Capital Outlay - R & R	\$ -	\$ -	\$ 10,000	\$ -	\$ -	\$ -
10-20-00-605-999	WU/Eng/Admin/Capital Outlay - Exp/Misc. Capital Purchases	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,000
10-21-00-605-999	WU/Const/Admin/Misc. Capital Outlay - Expansion	\$ -	\$ -	\$ 10,000	\$ -	\$ -	\$ -
	Miscellaneous Capital Outlay	\$ -	\$ -	\$ 28,000.00	\$ 1,097.00	\$ -	\$ 55,000.00
	ENGINEERING TOTAL - OPERATING & MISCELLANEOUS CAPITAL OUTLAY	\$ 1,544,184.39	\$ 582,193.55	\$ 3,012,900.00	\$ 809,978.67	\$ 2,812,931.40	\$ 3,126,250.00

General Expenses - Engineering

	WU/Eng/Admin/Professional Services	\$ 445,056	\$ 202,018	\$ 245,000	\$ 328,968	\$ 258,447	\$ 2,925,000
Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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
Technical Design Services	Professional Design Services						\$ 750,000
Specialty Technical Services	Hazardous Material Survey & Specialty Engineering Services						\$ 500,000
Title searches	Title searches, as needed	\$ -	\$ -	\$ 25,000			\$ -
Kukuiolono Tank Site exchange	Site assessment for hazardous materials, demolition of tank; this is a precondition of the land swap needed for ongoing capital project to design a new tank; Title Insurance, Escrow & Appraisals			\$ 50,000			\$ -
PER, EA	Develop Kapaa Well No. 4 site improvements (production well)	**	**	\$ 100,000			\$ -
PER, Soil investigation, EA	UH Experiment Station Tank	^^	^^	\$ 50,000			\$ -
Surveying	As-needed surveying services			\$ 20,000			\$ 50,000
Project Management Services	As-Needed Project Management Services						\$ 1,000,000
SDWA Testing	EPA mandated compliance monitoring, water sample testing services (Contract Lab Services)						\$ 80,000
GIS/Hydraulic Modeling Technical Services	As needed technical GIS & hydraulic services						\$ 250,000
Water System Investment Plan (WSIP)	Updating and Calibrating the existing hydraulic model						\$ -
WSIP	Assist DOW to create WP 2040						\$ -

TOTAL: WU/Qual/Purification/Professional
Services - General

\$ 103,957 \$ 27,271 \$ 45,250 \$ 34,716 \$ 19,598 \$ -

Line Item	Notes	FY 2019 -2020 Actual	FY 2020 -2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022-2023 Budget
Water sample testing services (Contract Lab Services)	EPA-mandated UCMR4			\$ -			
SDWA Testing - Phase 2/5	EPA-mandated compliance monitoring			\$ 37,250			
Misc. SDWA Testing	EPA-mandated compliance monitoring			\$ 2,000			
Long Term 2 ESWTR	EPA-mandated compliance monitoring						
Repaired Well Testing	EPA and DOH mandated			\$ 6,000			

TOTAL: WU/Const/Admin/Professional Services - General \$ 530,630 \$ 263,179 \$ 1,000,000 \$ 269,974 \$ 1,026,824 \$ -

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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	\$ 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	\$ -	\$ -				

TOTAL: WU/Plan/Admin/Professional Services

\$ 430,041 \$ 112,480 \$1,635,000 \$ 150,800 \$1,504,371 \$ -

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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						

****WU/Eng/Admin/Freight and Postage Services** \$ - \$ - \$ - \$ - \$ - \$ 3,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Budget
Water Quality Samples - Shipping	Freight services to ship water quality samples to contract lab for analysis						\$ 3,000

TOTAL: WU/Qual/Purification/Freight and Postage Services \$ 740 \$ 412 \$ 1,500 \$ 1,116 \$ - \$ -

Line Item	Notes	FY 2019 -2020 Actual	FY 2020 -2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022-2023 Budget
Shipping samples	24 shipments of \$100 each (shipping samples to contract lab)			\$ 1,500	\$ 1,116		
Shipping equipment for calibration							

****WU/Eng/Admin/Repairs & Maintenance - Other than Water System** \$ - \$ 29,400 \$ - \$ - \$ - \$ 5,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Budget
Autoclave maintenance and repairs	Annual inspection, maintenance and repair						\$ 5,000

TOTAL: WU/Qual/Purification/Repairs and Maintenance - Other than Water System \$ 3,624 \$ 6,792 \$ 4,000 \$ 6,091 \$ - \$ -

Line Item	Notes	FY 2019 -2020 Actual	FY 2020 -2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022-2023 Budget
Autoclave maintenance and repairs	Annual inspection and contingency for possible repair			\$ 4,000			

General Expenses - Engineering

WU/Eng/Admin/Operating Supplies		\$ -	\$ -	\$ 300	\$ 169	\$ 895	\$ 26,000
Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Budget
Equipment and Supplies	Annual replacement of safety equipment (ear protection, hard hats, safety vests, steel toe shoes and boots); As-needed field equipment (engineering and inspection field tablets, misc tools, traffic cones, etc.); office work area equipment, ergonomics, etc. and engineering supplies.						\$ 6,000
Microlaboratory Supplies	Sample bottles, reagents, media						\$ 20,000

TOTAL: WU/Qual/Purification/Operating Supplies

\$ 13,225 \$ 4,779 \$ 15,000 \$ 10,568 \$ 2,010 \$ -

Line Item	Notes	FY 2019 -2020 Actual	FY 2020 -2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022-2023 Budget
Lab supplies	Sample bottles, reagents, media			\$ 15,000			
Water Quality Reports (CCR's)	Preparation & Mailing of Annual Water Quality Reports Notices						
CMDP	Compliance Monitoring Data Portal - 2x laptops						

TOTAL: WU/Const/Admin/Operating Supplies \$ 1,637 \$ 1,529 \$ 4,500 \$ 2,193 \$ 785 \$ -

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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	\$ 4,500			

TOTAL: WU/Plan/Admin/Operating Supplies

\$ 162 \$ 2,323 \$ 1,000 \$ 184 \$ - \$ -

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022-2023 Budget
Fire Hydrant Testing Kit	Fire Hydrant Flow Testing Tools & Equipment to Calibrate Hydraulic Model						
Equipment and Supplies	Annual replacement of steel toe boots, hard hats, safety vests, ear protection, office workstation ergonomics, etc. As Needed Field Equipment (e.g. traffic cones, misc tools, field tablet, etc.) and supplies.			\$ 500			
Books / Manuals / Reference Materials	Purchase 10th Edition Manual of Cross -Connection Control, Uniform Plumbing Code, AWWA Manuals, etc. This is not a new request, line item is usually included in Admin's budget, however it would be better to have it with WRP for budget and accounting transparency.			\$ 500			

General Expenses - Engineering

TOTAL:		\$ -	\$ -	\$ -	\$ -		\$ 5,000
Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Budget
American Planning Association	Annual membership for Engineering Division representatives to attend and participate in Planning events, training and updates as it relates to the water industry and other stakeholder and utilities.						\$ 2,000
Books/Manuals/Reference Materials	Annual purchase of reference materials as required: ASTM Manuals, AWWA Manuals, Cross-Connection Control Manual, Uniform Building Code, Uniform Plumbing Code, etc. relating to the Engineering Division functional responsibility						\$ 2,000
Contractors Association of Kauai	Annual membership for Engineering Division representative to attend and participate in Contractors Association of Kauai events, training and updates as it relates to the water related construction aspects of the construction industry.						\$ 1,000

TOTAL: WU/Const/Admin/Books, Publications, Subscriptions, and Memberships \$ 775 \$ 685 \$ 850 \$ 987 \$ - \$ -

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Budget
Reference Materials	Annually purchase reference materials as needed such as ACI manuals, Project Management manuals/literature, etc.	\$ -	\$ -		\$ -		
Contractors Association of Kauai (DOW - Dustin is representative)	We have been a member since 2012. This is an annual fee.	\$ 775	\$ 685	\$ 850			
American Waterworks Association (Dustin)	AWWA membership.						

TOTAL: WU/Plan/Admin/Books, Publications, Subscriptions, and Memberships (NEW) \$ - \$ 3,900 \$ 1,291 \$ - \$ -

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022-2023 Budget
American Planning Association	Annual membership fee for Water Resources and Planning Division representatives to attend and participate in Planning events and updates as it relates to the water industry and other stakeholders and utilities.			\$ 1,600			
Books/Manuals/Reference Materials	Annual purchase of reference material as required: Cross-Connection Control Manual, Uniform Plumbing Code, AWWA Manuals, etc. relating to the Water Resources and Planning Division functional responsibility.			\$ 500			
SkillPath Seminars, Inc.	Annual membership for Water Resources and Planning staff to obtain professional development by participation in live hosted seminars, live webinars and on-demand training provided by the SkillPath Seminars, Inc. Additionally, it is a resource to assist and provide professional development of the Water Resources Division staff with on-demand internet training.			\$ 1,800			

TOTAL: **WU/Eng/Admin/Training and Development** \$ **375** \$ **-** \$ **500** \$ **-** \$ **-** \$ **26,000**

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Budget
Professional Development Training - Various	As needed on-island and/or off-island training to assist with the professional development of the Engineering Division's staff. (i.e. EPA/HDOH Rules and Regulations updates, NPDES, NEPA and HEPA - Ch. 343, Law, Legislation and Regulation updates, GIS & GPS Concepts, Microsoft Suite, Business Writing, etc.)						\$ 8,000
ESRI ArcMap/GIS - Innovyze InfoWater Training	On-site and/or off-island training courses for the Engineering Division's staff to work with and update the GIS and hydraulic modeling system.						\$ 18,000

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

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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	\$ -	\$ 2,000			
Misc. Workshops for CM Staff	Annually attend on-island workshops through various agencies as they come up throughout year. T	\$ -	\$ -	\$ 1,300			
Abatement training	Asbestos pipe and lead abatement						

TOTAL: WU/Plan/Admin/Training and Development

\$ 1,100 \$ 18,653 \$ 18,000 \$ 1,824 \$ - \$ -

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022-2023 Budget
ESRI ArcMAP/GIS - Innovyze InfoWater Training Classes	On-site or off-island training courses for the Deaprtment's GIS & hydraulic modeling surpevisors 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			

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

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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
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
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
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
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
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
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
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
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

TOTAL: WU/Const/Admin/Travel and Per Diem \$ 2,195 \$ - \$ - \$ - \$ - \$ -

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Budget
Conference Travel and Per Diem (Non AWWA/HWWA)	Would like to send CM Staff to water related construction project management/inspection trainings off-island should beneficial conferences be available.	\$ 2,195		\$ -			\$ -

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

\$ 5,888

\$ - \$ - \$ - \$ -

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022-2023 Budget
ESRI User Conference	Travel accommodations and per diem for one (1) staff member to attend the annual ESRI User Conference. (Estimate: air fare \$1000, lodging & ground transportation \$2400, per diem \$1350)			\$ -			
ESRI Water Conference	Travel accommodations and per diem for one (1) staff member to attend the annual ESRI Water Utilities Conference. (Estimate: air fare \$1000, lodging & ground transportation \$2400, per diem \$1350)			\$ -			
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)			\$ -			
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)			\$ -			
Conference/Training - Various	Travel accommodations and per diem for seven (7) staff member trips to attend off island training & meetings. (Estimate: air fare \$1550, lodging & ground transportation \$2200, per diem \$1350).			\$ -			
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)			\$ -			\$ -

General Expenses - Engineering

TOTAL:		WU/Eng/Admin/Meeting Expense	\$ -		\$ 200	\$ -	\$ -	\$16,000
Line Item	Notes		FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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

TOTAL: WU/Const/Admin/Meeting Expense \$ 2,200 \$ - \$ - \$ - \$ - \$ -

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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		\$ -			\$ -

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

TOTAL: WU/Eng/Admin/Misc. Capital Outlay - R&R		\$ -	\$ 4,233	\$ 8,000	\$ 1,097	\$ -	\$ 20,000
Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Budget
10-20-00-604-999	Permit fees and project related start-up fees	\$ -	\$ 4,233	\$ 8,000			\$ 20,000

TOTAL: WU/Qual/Purification/Misc. Capital Outlay - Replacement

\$ 35,695 \$ - \$ - \$ - \$ - \$ -

Line Item	Notes	FY 2019 -2020 Actual	FY 2020 -2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022-2023 Budget
Ice Machine	Contract lab is requiring us to ship samples with ice packs because samples have been coming in too warm to be suitable for testing. Planning a 60 pound per day machine (smallest size made)						
Lab Vehicle	Current SUV is 12 years old with almost 90K miles.						
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.			\$ -			\$ -

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

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Budget
10-20-00-605-999	Permit fees and project related start-up fees	\$ -	\$ -	\$ 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

General Expenses - Engineering

Account	Description	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 YTD Actual	FYTD Encumbered Amount	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	\$ 156,271	\$ -	\$ 28,917	\$ 768,475	\$ 2,100,000
10-20-00-605-000	WU/Eng/Admin/Capital Outlay - Expansion/Capital Purchases	\$ -	\$ -	\$ 200,000	\$ -	\$ 125,000	\$ -
10-21-00-604-000	WU/Const/Capital Outlay - R&R/Capital Projects	\$ 860,742	\$ 2,661,668	\$ 2,500,000	\$ 61,988	\$ 5,156,866	\$ 7,300,000
10-21-00-605-000	WU/Cons/Capital Outlay - Expansion/Capital Projects	\$ 2,086,793	\$ -	\$ -	\$ -	\$ 3,799,336	\$ -
	Water Utility Fund - Capital Outlay	\$ 3,114,170	\$ 2,817,939	\$ 2,700,000	\$ 90,905	\$ 9,849,677	\$ 9,400,000
FRC Fund							
20-20-00-605-000	FRC/Eng/Capital Outlay - Expansion	\$ 31,033	\$ -	\$ 860,000	\$ -	\$ 396,168	\$ 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	\$ -	\$ 396,168	\$ 4,400,000
BAB Fund							
30-20-00-604-000	BAB/Eng/Capital Outlay - R&R	\$ 67,911	\$ -	\$ -	\$ 5,326	\$ 42,171	\$ -
30-20-00-605-000	BAB/Eng/Capital Outlay - Expansion	\$ -	\$ -	\$ -	\$ 12,281	\$ 236,202	\$ -
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	\$ -	\$ 1,099,078	\$ 6,850,000
	BAB Fund - Capital Outlay	\$ 700,785	\$ 43,250	\$ 7,000,000	\$ 17,607	\$ 1,377,451	\$ 6,850,000
Grant Fund							
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
SRF Fund							
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	\$ 2,817,939	\$ 2,700,000	\$ 90,905	\$ 9,849,677	\$ 9,400,000
	FRC Fund/Capital Outlay/CIP	\$ 299,261	\$ -	\$ 3,760,000	\$ -	\$ 396,168	\$ 4,400,000
	BAB Fund/Capital Outlay/CIP	\$ 700,785	\$ 43,250	\$ 7,000,000	\$ 17,607	\$ 1,377,451	\$ 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	\$ 2,861,189	\$ 45,060,000	\$ 108,512	\$ 11,623,296	\$ 43,500,000

5-Year Capital Plan (ENGR)

*SAA- State Appropriation Allotment

Project/Vehicle/Equipment	Exp/ 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 Water Sytem Improvements, Packages A, B & C	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. Papaloo - Kawaihau) 16" and 12" Main Replacement (1	R&R	D	WUF	\$500,000	300000			
Kuhio Highway (N. Papaloo - Kawaihau) 16" and 12" Main Replacement (1	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		

General Expenses - Engineering

Project/Vehicle/Equipment	Exp/ 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 (Alaloke Pl - Pilo Rd) 8" Main Replacement (1,700')	R&R	D	WUF		\$150,000	\$200,000			
Koloa Road (Alaloke 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					
Waimēa - 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
~~SYRCIP~~

General Expenses - Engineering

TOTAL:		\$166,636	\$156,271	\$0	\$28,917	\$768,475	\$2,100,000
Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Actual	FYTD Encumbered Amount	FY 2022 - 2023 Budget
	WU/Eng/AdminCapital Outlay - R&R						
10-20-00-604-001	KW-07 Paua Valley Tank Repair	\$ 5,618.10				\$ 17,270.00	
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					
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	\$ 8,148.00		\$ 28,579.00	\$ 108,491.00	\$ 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	\$ 66,864.00	
10-20-00-604-160	Job 18-02 Islandwide Rehabilitation of Tanks	\$ 66,928.20				\$ 346,218.00	
10-20-00-604-162	WU-Eng-17-13 & 14, Engineering Services for Island Wide Vulnerability and Resiliency Assessment		\$ 130,388.00				
10-20-00-604-163	18-8 Limahuli Stream and Mānoa Stream Water Line Repairs	\$ -					
10-20-00-604-164	WU-Eng-Job. 18-9 Makaleha Tunnel		\$ -			\$ 229,632.00	
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	\$61,988	\$5,156,866	\$7,300,000
Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Actual	FYTD Encumbered Amount	FY 2022 - 2023 Budget
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			\$2,546,002	
10-21-00-604-001	Paua Valley Tank Repair	\$0	\$107,541		\$61,988	\$2,210,848	
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	Kukuilono Tank Demo (Eng. Est. \$813K)	\$0	\$0	\$1,100,000	\$0	\$400,016	\$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

General Expenses - Engineering

TOTAL:		\$0	\$0	\$200,000	\$0	\$125,000	\$0
Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Expensed as of 4/30/22	FYTD Encumbered Amount	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			
10-20-00-605-139	WU-Eng-ALLE-02-11 M-02 100K Tank & Pipeline Moloaa					\$ 125,000	
	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** **\$3,799,336** **\$0**

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Expensed as of 4/30/22	FYTD Encumbered Amount	FY 2022 - 2023 Budget
10-21-00-605-118	WU/Const/Capital Outlay/WK-39-Kapaa Homestead Well No. 4 (100% Expansion)	\$ -		\$ -		\$ 603,661	\$ -
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						\$ -
10-21-00-605-017	Kapaia Cane Haul Road 18" Main (98.55% Exp) \$3,241,350					\$3,195,675	
	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

General Expenses - Engineering

TOTAL:		FRC/Eng/Admin/Capital Outlay - Expansion/Capital Purchases	\$31,033	\$0	\$860,000	\$0	\$396,168	\$1,400,000
Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Expensed as of 4/30/22	FYTD Encumbered Amount	FY 2022 - 2023 Budget	
20-20-00-605-117	UH Experiment Station Tank			*		\$ 26,832	\$ 300,000	
20-20-00-605-118	Develop Kapaa Well No. 4 site improvements (production well)	\$ 31,033		\$ 700,000		\$ 56,709	\$ 700,000	
20-20-00-605-153	Haena 0.2 MG tank	\$ -	\$ -	\$ -	\$ -	\$ 8,175		
20-20-00-605-155	Wainiha Well #4 (EXP)			\$ 160,000			\$ 200,000	
20-20-00-605-120	Kilauea 1.0 MG tank (EXP 90%)					\$ 7,212		
20-20-00-605-154	Drill and Test Kilauea Well #3 (EXP)					\$ 297,240		
20-20-00-605-018	H-08, Drill & Test Hanalei Well						\$ 200,000	

General Expenses - Engineering

TOTAL:		\$268,228	\$0	\$2,900,000	\$0	\$0	\$3,000,000
Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Expensed as of 4/30/22	FYTD Encumbered Amount	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							

General Expenses - Engineering

TOTAL:	BAB/Eng/Admin/Capital Outlay - Expansion/Capital Purchases	\$67,911	\$0	\$0	\$5,326	\$42,171	\$0
Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Expensed as of 4/30/22	FYTD Encumbered Amount	FY 2022 - 2023 Budget
30-20-00-604-105	BAB-Eng-ALLR-09-01 K-01 Kalaheo 1111FT & 1222FT	\$ 67,911			\$ 5,326	\$ 42,171	

TOTAL:		\$0	\$0	\$0	\$12,281	\$236,202	\$0
Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Expensed as of 4/30/22	FYTD Encumbered Amount	FY 2022 - 2023 Budget
30-20-00-605-139	Moloaa Tank site acquisition					\$ 94,222	
30-20-00-605-116	BAB-Eng-WK-08-Kapaa Homestead Tank (Ornellas)				\$ 12,281	\$ 65,822	
30-20-00-605-120	BAB-Eng-ALLE-02-06WKK15-Kilauea 466 Tank Puu Pane					\$ 22,649	
30-20-00-605-125	BAB-Eng-98%E-02-01 Land for Kukuioolono Tank Site					\$ 53,508	

TOTAL: BAB/Capital Outlay - Expansion/Capital Projects - CM **\$588,360** **\$43,250** **\$7,000,000** **\$0** **\$1,099,078** **\$6,850,000**

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Expensed as of 4/30/22	FYTD Encumbered Amount	FY 2022 - 2023 Budget
30-21-00-605-102	Bond/Const/Capital Outlay/10-01, Ani-01b- Pipeline Replacement along Anini Road from DOW - Princeville Master Meter (Expansion - 56% of \$4.2M)						
30-21-00-605-106	Bond/Const/Capital Outlay/03-04, K-05a - Kalaheo New Tank, 0.5 MG, 886 Ft (Expansion - 50%)						
30-21-00-605-109	Bond/Const/Capital Outlay/XX-YY, LO-08, LO-10 - Koloa Rd (Alaloke Pl. - Piko Rd) 8 Inch Main Replacement (1,700 Ft) Lawai 6 Inch and 8 Inch Main Replacement (6,400 Ft) (Expansion - 81%)						
30-21-00-605-110	Bond/Const/Capital Outlay/WK-08-Kapaa Homestead 313' 1.0 MG Tank (Ornellas) (100% Expansion)						
30-21-00-605-112	Bond/Const/Capital Outlay/11-02, PLH-01a - Replace Grove Farm Tanks 1 and 2 (Expansion - 60%) of \$2.835M						
30-21-00-605-116	Kapaa Homestead Tank (Ornellas)			\$ 4,500,000			\$ 1,750,000
30-21-00-605-118	Bond/Const/Capital Outlay/WK-39-Kapaa Homestead Well No. 4 (100% Expansion)	\$ 588,360	\$ 43,250			\$ 7,428	\$ 2,600,000
30-21-00-605-120	Bond/Const/Capital Outlay/02-06, WKK-15 - Construct Kilauea 466 Tank, 1.0MG, Puu Pane Well 3 (Expansion - 90%)			\$ 2,500,000			\$ 2,000,000
30-21-00-605-136	Bond/Const/Capital Outlay/XX-YY, H-05, Weke, Anae, and He'e Roads 6" and 8" Main Replacement (Expansion - 89%)						
30-21-00-605-029	Bond/Const/Capital Outlay/09-01, Kalaheo 1111' & 1222' Water System Improvements (Package A: 100% Yamada Tank, Package B: 66% Clearwell, Package C:6% Pipeline) (Total \$19.2M) Cumulative 52% R&R/48% Expansion		0		0		\$0
30-21-00-605-017	Kapaia Cane Haul Road 18" Main (98.55% Exp) \$3,241,350, moved 10 W/U)			\$ -		\$ 1,091,650	\$ 500,000

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

TOTAL: State Appropriation Grant/Capital Outlay - R&R/Capital Projects - CM **\$0 \$0 \$2,600,000 \$0 \$0 \$0**

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Expensed as of 4/30/22	FYTD Encumbered Amount	FY 2022 - 2023 Budget
40-21-00-604-157	Kilauea 1&2 MCC (Eng. Est. \$4.5M)			\$ 2,600,000			encumbered

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

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Expensed as of 4/30/22	FYTD Encumbered Amount	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** **\$0** **\$13,000,000**

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Expensed as of 4/30/22	FYTD Encumbered Amount	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

General Expenses - Billing

Account	Description	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 YTD Expensed Amount	Encumbrance Amount	FY 2022-2023 Proposed
Water Utility Fund		\$ 138,232	\$ 270,936	\$ 249,106	\$ 157,226	\$ 2,513	\$ 271,790
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	\$ 20,943	\$ 1,092	\$ 33,200
10-30-20-541-020	WU/Bill/Collection/Billing Costs	\$ 117,017	\$ 134,244	\$ 214,556	\$ 124,649	\$ -	\$ 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	\$ 11,634	\$ 1,421	\$ 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	\$ -	\$ -	\$ -	\$ -	\$ 5,000
10-30-20-573-010	WU/Bill/Collection/Meeting Expense		\$ -	\$ -	\$ -	\$ -	\$ 600
Miscellaneous Capital Purchases		\$0	\$0	\$825,000	\$12,823	\$60,897	\$0
10-30-00-604-999	WU/Bill/Collection/Capital Outlay - R&R/Misc. Capital Purchases	\$ -	\$ -	\$ 50,000	\$ 12,823	\$ 60,897	\$ -
10-30-00-605-999	WU/Bill/Collection/Capital Outlay - Expansion/Misc. Capital Purchases	\$0	\$0	\$775,000	\$0	\$0	\$0
	SUMMARY OF OPERATING EXPENSES	\$ 138,232	\$ 270,936	\$ 249,106	\$ 157,226	\$ 2,513	\$ 271,790
	SUMMARY OF CAPITAL PURCHASES	\$ -	\$ -	\$ 825,000	\$ 12,823	\$ 60,897	\$ -
	OPERATING EXPENSES PLUS CAPITAL OUTLAY	\$ 138,232	\$ 270,936	\$ 1,074,106	\$ 170,049	\$ 63,410	\$ 271,790

TOTAL: WU/Bill/Collection/Other Services \$ 15,083 \$ 21,280 \$ 26,700 \$ 20,943 \$ 1,092 \$ 33,200

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	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 \$ 124,649 \$ - \$ 223,790

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	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)			\$ 53,400			\$ 53,400

TOTAL: WU/Bill/Collection/Operating Supplies \$ 4,323 \$ 6,212 \$ 4,500 \$ 11,634 \$ 1,421 \$ 6,500

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	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/Books, Publications, Subscriptions, and Memberships **\$ - \$ 350 \$ - \$ - \$ 300**

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Proposed
GFOA - Government Finance Officers Ass'n	Membership for one employee			\$ 350			\$ 300

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

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Proposed
Staff development trainings	Customer Service trainings			\$ 3,000			\$ 3,000

TOTAL: WU/Bill/Collection/Travel and Per Diem \$ 1,809 \$ - \$ - \$ - \$ - \$ 5,000

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Proposed
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 (1X)			\$ -			\$ 5,000

TOTAL: WU/Bill/Collection/Capital Outlay - R&R/Misc. \$ - \$ - \$ 50,000 \$ 12,823 \$ 60,897 \$ -
 Capital Purchases

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Proposed
Lobby	Lobby Assessment (Acoustics & Slippery surface floor)			\$ 50,000			\$ -

TOTAL: WU/Bill/Collection/Capital Outlay - Expansion/Misc. Capital Purchases \$ - \$ 775,000 \$ - \$ - \$ -

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Proposed
New Billing System	Implementation of a New Customer Information System (CIS) for Billing & Collection. (moved to IT budget)			\$ 750,000			\$ -
Kiosk				\$ 25,000			\$ -

General Expenses - Accounting

Account	Description	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 YTD Expensed Amount	Encumbrance Amount	FY 2022-2023 Proposed
Water Utility Fund		\$ 104,254	\$ 227,865	\$ 401,510	\$ 158,978	\$ 125,218	\$ 246,730
10-31-10-540-010	WU/Acctg/Admin/Professional Services - General	\$6,988	\$98,720	\$241,600	\$44,742	\$124,358	\$41,600
10-31-10-540-020	WU/Acctg/Admin/Accounting and Auditing	\$69,900	\$84,500	\$106,800	\$74,100	\$0	\$120,000
10-31-10-541-010	WU/Acctg/Admin/Other Services - General	\$13,924	\$21,806	\$21,600	\$19,190	\$0	\$42,000
10-31-10-561-000	WU/Acctg/Admin/Repairs & Maintenance - Other than Water System			\$0		\$0	\$0
10-31-10-562-000	WU/Acctg/Admin/Office Supplies	\$11,901	\$17,869	\$22,000	\$14,283	\$752	\$29,000
10-31-10-563-000	WU/Acctg/Admin/Operating Supplies	\$992	\$1,432	\$3,000	\$4,534	\$107	\$4,000
10-31-10-570-010	WU/Acctg/Admin/Books, Publications, Subscriptions, and Memberships	\$150	\$150	\$760	\$150	\$0	\$810
10-31-10-571-010	WU/Acctg/Admin/Training and Development	\$187	\$3,388	\$5,750	\$1,764	\$0	\$3,000
10-31-10-572-010	WU/Acctg/Admin/Travel & Per Diem	\$212	\$0	\$0	\$214	\$0	\$5,720
10-31-10-573-010	WU/Acctg/Admin/Meeting Expense	\$0	\$0	\$0	\$0	\$0	\$600
Capital Purchases		\$0	\$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	\$ 158,978	\$ 125,218	\$ 246,730
	SUMMARY OF CAPITAL OUTLAY/ MISC. CAPITAL PURCHASES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	OPERATING EXPENSES PLUS CAPITAL OUTLAY	\$ 104,254	\$ 227,865	\$ 401,510	\$ 158,978	\$ 125,218	\$ 246,730

TOTAL: WU/Acctg/Admin/Professional Services - General \$ 6,988 \$ 98,720 \$ 241,600 \$ 44,742 \$ 124,358 \$ 41,600

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	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
Rate Modeling & Training	In person training			\$ 100,000			\$ -
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 (moved to Admin)			\$ 100,000			\$ -

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	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Proposed
Auditor	Annual Financial Audit (FY 2022).		\$ 72,000	\$ 86,800			\$ 100,000
Consultant	Consulting services as needed.			\$ 20,000			\$ 20,000

TOTAL: WU/Acctg/Admin/Other Services - General \$ 13,924 \$ 21,806 \$ 21,600 \$ 19,190 \$ - \$ 42,000

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Proposed
Bank Service Fees	Analysis Charge (Average \$3500 per month)		\$ 14,222	\$ 21,600			\$ 42,000

TOTAL: WU/Acctg/Admin/Office Supplies \$ 11,901 \$ 17,869 \$ 22,000 \$ 14,283 \$ 752 \$ 29,000

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Proposed
Copy Paper	Supplies for all DOW			\$ 5,000			\$ 6,000
Office Supplies	Supplies for all DOW - Pens, Pencils, Writing Pads, Binders, Storage Boxes, Folders, Note Pads, Etc			\$ 5,000			\$ 6,000
Freight (Office Supplies)				\$ 1,000			\$ 1,000
Miscellaneous Forms	Supplies for Letterheads, envelopes, booklet covers			\$ 2,000			\$ 2,000
Janitorial Supplies				\$ 7,000			\$ 9,000
First Aid Kit	Admin Building			\$ 2,000			\$ 5,000

TOTAL: WU/Acctg/Admin/Operating Supplies \$ 992 \$ 1,432 \$ 3,000 \$ 4,534 \$ 107 \$ 4,000

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Proposed
Miscellaneous supplies	Binders and other specialty items not included in the Admin office supply budget		\$ 712	\$ 1,500			\$ 2,000
Office and Desk Accessories	Ergonomic/ADA workspace fittings			\$ 1,500			\$ 2,000

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	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Proposed
GFOA	Membership (to secure lower rates on conference fees)		\$ 150	\$ 350	\$ 150		\$ 400
Subscriptions	GFOA subscriptions			\$ 410			\$ 410

TOTAL: WU/Acctg/Admin/Training and Development \$ 187 \$ 3,388 \$ 5,750 \$ 1,764 \$ - \$ 3,000

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Proposed
Trainings	Staff training		\$ 1,790	\$ 2,000			\$ 3,000
	Leadership training			\$ 3,750			\$ -

TOTAL: WU/Acctg/Admin/Travel & Per Diem \$ 212 \$ - \$ - \$ 214 \$ - \$ 5,720

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Proposed
Travel & Per Diem	GFOA Conference - Continuing Education for GAAP and GASB updates			\$ -			\$ 5,000
Interisland meetings	Interisland travels (240 * 3)			\$ -			\$ 720

Account	Description	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Expensed Amount	Encumbrance Amount	FY 2022-2023 Proposed
Water Utility Fund		17,574,713	18,430,709	26,161,059	16,216,367	633,429	18,202,828
10-01-10-530-060	WU/Admin/Admin/Post-Employment Benefits (OPEB)	\$1,041,000	\$998,491	\$1,143,000	\$1,131,851	\$11,149	\$1,058,000
10-00-10-547-000	WU/Acctg/Admin/County Service Charge	\$2,174,298	\$2,201,634	\$2,174,298	\$1,834,695	\$0	\$2,201,634
10-00-90-580-000	WU/Depreciation/Depreciation**	\$7,000,563	\$6,906,157	\$7,190,082	\$5,739,332	\$0	\$7,190,082
10-00-90-581-000	WU/Depreciation/Amortization**	\$231,449	\$235,859	\$752,653	\$138,568	\$0	\$235,859
10-00-90-582-000	WU/Inflows/Outflows**	-\$41,932	-\$32,274	-\$41,932	-\$44,078	\$0	-\$75,562
10-00-00-582-000	WU/Interest Expense	\$2,126,288	\$2,949,517	\$2,860,863	\$2,288,951	\$571,912	\$2,619,332
10-00-00-590-000	WU/Transfers to/from Other Funds	\$0	\$0	\$0	-\$2,000,000	\$0	\$0
10-00-00-590-001	WU/Transfers to Other Funds (DSR)	\$0	\$0	\$0	\$0	\$0	\$0
10-00-00-590-002	WU/Transfers to Other Funds (ER)	\$0	\$0	\$0	\$0	\$0	\$0
10-00-00-602-000	WU/Loan Proceeds	\$0	\$0	\$4,900,000	\$0	\$0	\$0
10-00-00-682-000	WU/Debt Principal Expense	\$5,031,869	\$5,160,541	\$5,170,095	\$5,119,727	\$50,367	\$4,961,483
20-00-00-590-000	FRC/Transfers to Other Funds	\$0	\$0	\$2,000,000	\$2,000,000	\$0	\$0
30-31-10-541-010	Bond/Transfers to Other Funds	\$11,177	\$10,783	\$12,000	\$7,321	\$0	\$12,000
60-00-00-590-000	SRF/Transfers to Other Funds	\$0	\$0	\$0	\$0	\$0	\$0

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

TOTAL: WU/Admin/Admin/Post-Employment Benefits (OPEB) \$ 1,041,000 \$ 998,491 \$ 1,143,000 \$ 1,131,851 \$ 11,149 \$ 1,058,000

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	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	\$ 1,131,851	\$ 11,149	\$ 1,058,000

TOTAL: WU/Acctg/Admin/County Service Charge \$ 2,174,298 \$ 2,201,634 \$ 2,174,298 \$ 1,834,695 \$ - \$ 2,201,634

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	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/Depreciation/Depreciation**

\$ 7,000,563 \$ 6,906,157 \$ 7,190,082 \$ 5,739,332 \$ - \$ 7,190,082

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Budget
Depreciation	Depreciation based on DOW financials			\$ 7,190,082			\$ 7,190,082

TOTAL: WU/Depreciation/Amortization**

\$ 231,449 \$ 235,859 \$ 752,653 \$ 138,568 \$ - \$ 235,859

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Budget
Amortization	Amortization based on FY 2021 financials	\$ 231,449	\$ 235,859	\$ 752,653	\$ 138,568		\$ 235,859

TOTAL: WU/Inflows/Outflows**

\$ (41,932) \$ (32,274) \$ (41,932) \$ (44,078) \$ - \$ (75,562)

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Budget
Amortization	Amortization based on financials	\$ (41,932)	\$ (32,274)	\$ (41,932)	\$ (44,078)		\$ (75,562)

TOTAL: WU/Interest Expense

\$3,440,092 \$ 2,126,288 \$ 2,949,517 \$ 2,860,863 \$ 2,288,951 \$ 571,912 \$ 2,619,332

Line Item	Notes	FY 2016-2017 Actual	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Budget
10-00-00-582-02	Kauai GOB 2011 A Series (97.1)				\$ 70,138			\$ -
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			\$ -
10-00-00-582-07	2021A Water Bonds				\$ -			\$ 66,750
10-00-00-582-08	2021B Water Bonds				\$ -			\$ 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			\$ -
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			\$ -
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

\$ - \$ (2,000,000) \$ - \$ -

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	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 \$ - \$ - \$ -

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Budget
SRF Loan Proceeds	SRF Loan Proceeds			\$ 4,900,000			\$ -

TOTAL: WU/Debt Principal Expense

\$4,717,296 \$ 5,031,869 \$ 5,160,541 \$ 5,170,095 \$ 5,119,727 \$ 50,367 \$ 4,961,483

Line Item	Notes	FY 2016-2017 Actual	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Budget
01-00-00-682-02	Kauai GOB 2011 A Series (97.1)				\$ 370,000			\$ -
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			\$ -
10-00-00-582-07	2021A Water Bonds							\$ 350,000
10-00-00-582-08	2021B Water Bonds							\$ -
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			\$ -
01-00-00-682-17	DW406-0003 - Kapilimao 0.5 MG Tank (94)				\$ 199,047			\$ 199,884
01-00-00-682-15	DW406-0005 - Kaumualii 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			\$ -
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

TOTAL: FRC/Transfers to Other Funds

\$0

\$ 2,000,000

\$ 2,000,000

\$

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\$

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Line Item	Notes	FY 2016-2017 Actual	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Budget
Transfer to W/U	Proportionate FRC Debt Service							
	(FY 2016 = 2,500,668)							
	**recorded \$1,933,657 in FY 2017							
	** Bal of FY 2016 of 567,011 will be transferred as of 6/30/18.							
	**recorded \$600,668 in FY 2018							
	**recorded \$500,000 in FY 2019							
	**recorded \$2,000,000 in FY 2021-22							

TOTAL: Bond/Transfers to Other Funds

\$ 11,177 \$ 10,783 \$ 12,000 \$ 7,321 \$ - \$ 12,000

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Budget
Custodial fee	BAB custodial fee & other investment costs		\$ 10,783	\$ 12,000	\$ 7,321		\$ 12,000

General Expenses - Operations

Account	Description	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 YTD Expended Amount	Encumbered Amount	FY 2022-2023 Proposed
10-40-60-540-010	WU/Ops/TandD/Professional Services - General	\$0	\$0	\$550,000	\$0	\$0	\$400,000
10-40-60-541-010	WU/Ops/TandD/Other Services	\$662	\$317	\$2,000	\$508	\$0	\$2,000
10-40-60-545-000	WU/Ops/TandD/Rentals and Leases	\$22,294	\$32,995	\$50,000	\$8,729	\$8,690	\$50,000
10-40-50-551-000	WU/Ops/Power/Pump/Utility Services	\$2,311,544	\$2,360,731	\$2,700,000	\$2,241,568	\$0	\$2,967,700
10-40-50-560-000	WU/Ops/PandP/Repairs and Maintenance - Water System	\$57,480	\$17,678	\$40,000	\$16,173	\$4,107	\$40,000
10-40-60-560-000	WU/Ops/TandD/Repairs and Maintenance - Water System	\$249,276	\$28,257	\$171,000	\$161,744	\$232,938	\$320,000
10-40-60-561-000	WU/Ops/TandD/Repairs and Maintenance - Other than Water System	\$108,472	\$208,517	\$526,200	\$158,475	\$67,615	\$495,000
10-40-30-563-000	WU/Ops/Source/Operating Supplies	\$86,811	\$63,026	\$60,000	\$50,444	\$106	\$60,000
10-40-40-563-000	WU/Ops/Purification/Operating Supplies	\$98,154	\$125,011	\$101,920	\$79,260	\$0	\$152,880
10-40-50-563-000	WU/Ops/PandP/Operating Supplies	\$69,278	\$90,508	\$35,000	\$30,354	\$6,655	\$35,000
10-40-60-563-000	WU/Ops/TandD/Operating Supplies	\$560,290	\$563,586	\$255,000	\$241,940	\$34,453	\$275,000
10-40-50-563-010	WU/Ops/PandP/Operating Supplies/Invty. Stock	\$11,873	\$0	\$15,000	\$81,666	\$14,995	\$20,000
10-40-60-563-010	WU/Ops/TandD/Operating Supplies/Invty. Stock	\$0	\$0	\$378,000	\$228,069	\$106,875	\$0
10-40-60-564-000	WU/Ops/TandD/Fuel	\$105,941	\$101,759	\$122,500	\$123,551	\$1,176	\$175,000
10-40-30-565-000	WU/Ops/Source/Bulk Water Purchase	\$1,546,547	\$4,054,076	\$1,820,176	\$1,356,684	\$3,082	\$1,918,185
10-40-60-571-010	WU/Ops/TandD/Training & Development	\$21,864	\$17,389	\$25,000	\$41,085	\$0	\$30,000
10-40-60-572-010	WU/Ops/TandD/Travel & Per Diem	\$5,406	\$0	\$0	\$975	\$0	\$19,000
10-40-60-573-010	WU/Ops/TandD/Meeting Expense	\$1,000	\$0	\$0	\$0	\$0	\$0
Operating Expenses		\$5,256,892	\$7,663,900	\$6,851,796	\$4,821,225	\$480,690	\$6,959,765
10-40-00-604-999	WU/Ops/Capital Outlay - R&R/Misc. Capital Purchases	\$513,655	\$420,423	\$399,500	\$322,542	\$413,520	\$3,306,000
10-40-00-605-999	WU/Ops/Capital Outlay - Expansion/Misc. Capital Purchases	\$91,031	\$403,382	\$115,000	\$12,725	\$102,080	\$670,500
Miscellaneous Capital Purchases		\$604,686	\$823,805	\$514,500	\$335,267	\$515,600	\$3,976,500
10-40-00-604-000	WU/Ops/Capital Outlay - R&R	\$816,226	\$2,673,422	\$800,000	\$0	\$20,714	\$400,000
10-40-00-605-000	WU/Ops/Capital Outlay - Expansion	\$0	\$2,673,422	\$650,000	\$0	\$0	\$699,938
New Capital Outlay		\$816,226	\$5,346,844	\$1,450,000	\$0	\$20,714	\$1,099,938
SUMMARY OF OPERATING EXPENSES		<u>\$5,256,892</u>	<u>\$7,663,900</u>	<u>\$6,851,796</u>	<u>\$4,821,225</u>	<u>\$480,690</u>	<u>\$6,959,765</u>
SUMMARY OF CAPITAL PURCHASES		<u>\$604,686</u>	<u>\$823,805</u>	<u>\$514,500</u>	<u>\$335,267</u>	<u>\$515,600</u>	<u>\$3,976,500</u>
SUMMARY OF CAPITAL OUTLAY		<u>\$816,226</u>	<u>\$5,346,844</u>	<u>\$1,450,000</u>	<u>\$0</u>	<u>\$20,714</u>	<u>\$1,099,938</u>
OPERATING EXPENSES PLUS CAPITAL OUTLAY		<u>\$6,677,803</u>	<u>\$13,834,549</u>	<u>\$8,816,296</u>	<u>\$5,156,491</u>	<u>\$1,017,005</u>	<u>\$12,036,203</u>

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

\$ - \$ 550,000 \$ - \$ - \$ 400,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Proposed
EA, Design & Permitting	Design for Kilohana Sodium Hypochlorite OSG Housing			\$ 250,000			\$ 200,000
Demolition	Old Admin Building Demolition (moved to 604-000)			\$ 300,000			\$ -
EA, Design & Permitting	Design for Kilauea NaOCL On-site generation						\$ 200,000

TOTAL: WU/Ops/TandD/Rentals and Leases \$ 22,294 \$ 32,995 \$ 50,000 \$ 8,729 \$ 8,690 \$ 50,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Proposed
Construction equipment rentals.	Equipment rental. (e.g. excavator, roller, loader, scissor lift, boom lift, etc.)			\$ 50,000			\$ 50,000
License Fee Agreement McBryde Trust	Kalaheo/Koloa Water System						\$ -

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

\$ 2,311,544 \$ 2,360,731 \$ 2,700,000 \$ 2,241,568 \$ - \$ 2,967,700

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Proposed
Pumping facility electricity	63 accounts			\$ 2,654,000			\$ 2,786,700
Tank sites and Garage Building electricity	25 Tank sites and one garage building.			\$ 46,000			\$ 46,000
	Contingency - price increases						\$ 135,000

TOTAL: WU/Ops/PandP/Repairs and Maintenance - Water System \$ 57,480 \$ 17,678 \$ 40,000 \$ 16,173 \$ 4,107 \$ 40,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Proposed
Pump replacement program	Including emergency pump replacement and repairs, ongoing program.		\$ 10,867	\$ 40,000			\$ 40,000

TOTAL: WU/Ops/TandD/Repairs and Maintenance - Water System **\$ 249,276** **\$ 28,257** **\$ 171,000** **\$ 161,744** **\$ 232,938** **\$ 320,000**

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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			\$ -
Easement 5-1-5:23	Annual Lease - Easement for booster pump station on Wailapa			\$ 1,000			\$ -
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 \$ 158,475 \$ 67,615 \$ 495,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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			\$ -			\$ -
Cyberlock	Cloud Hosting			\$ 1,200			\$ -
Demolition of Old building	Demolition of Old building			\$ 300,000			\$ 300,000

TOTAL: WU/Ops/Source/Operating Supplies \$ 86,811 \$ 63,026 \$ 60,000 \$ 50,444 \$ 106 \$ 60,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Proposed
Miscellaneous Rehab Projects	construction, maintenance and rehabilitation projects.			\$ 60,000			\$ 60,000
Sodium Hypochlorite On-Stite Generation	Kilohana OSG			\$ -			\$ -

TOTAL: WU/Ops/Purification/Operating Supplies \$ 98,154 \$ 125,011 \$ 101,920 \$ 79,260 \$ - \$ 152,880

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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 \$ 30,354 \$ 6,655 \$ 35,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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 \$ 241,940 \$ 34,453 \$ 275,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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/PandP/Operating Supplies/Invty. Stock \$ 11,873 \$ - \$ 15,000 \$ 81,666 \$ 14,995 \$ 20,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Proposed
Electrical parts and materials	inventory Stock for repair parts for plant electricians to maintain, repair, and operate electrical pumping plants, booster stations, buildings, and structures.			\$ 15,000			\$ 20,000

TOTAL: WU/Ops/TandD/Operating Supplies/Invty. Stock \$ - \$ 378,000 \$ 228,069 \$ 106,875 \$ -

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	
Small pipeline and service line replacement parts	Pipe and valves			\$ 37,000			
Large inventory items	Large diameter pipe, valves, and other items in inventory			\$ 14,000			
R&R - 5/8" & 3/4" meters	2500 ea @ \$315			\$ 60,000			
Replacement meters, all other sizes	65 others @ \$600			\$ 39,000			
Replacement meter boxes and covers	500 ea @ \$115			\$ 3,000			
Hydrant replacement	Ongoing hydrant replacement program, as needed.			\$ 85,000			
Stock Inventory Items	Warehouse inventory parts and materials. (\$150K budget under 102)			\$ 100,000			
SCADA Replacement Parts Inventory	Inventory parts			\$ 40,000			\$ -

TOTAL: WU/Ops/TandD/Fuel \$ 105,941 \$ 101,759 \$ 122,500 \$ 123,551 \$ 1,176 \$ 175,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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 \$ 1,356,684 \$ 3,082 \$ 1,918,185

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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
Molooa	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/Travel & Per Diem \$ 5,406 \$ - \$ 975 \$ - \$ 19,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Proposed
Operations Certification	AWWA, HWWA, HRWA, Pacific Water Conference and other conferences			\$ -			
	Neighbor Island						\$ 9,000
	Mainland						\$ 10,000

TOTAL: WU/Ops/Capital Outlay - R&R/Misc. Capital Purchases \$ 513,655 \$ 420,423 \$ 399,500 \$ 322,542 \$ 413,520 \$ 3,306,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Proposed
Excavator	Replace Takeuchi TB175 mini excavator (prior budget was tranferred to fuel master & SCADA)						\$ -
Excavator	Replace and upsize Takeuchi TB175						\$ 225,000
Riding Mower and Trailer	Replace riding mower and trailer for riding mower						\$ 45,000
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
1-Ford F450 Utility Trucks	Replace CK2237						\$ 120,000
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
Pump Replacement	Pump Replacement - Paua Valley (pump & MCC)						\$ 1,000,000
Replace Valves	Replace ARV island-wide						\$ 100,000
GAC Replacement	Charcoal (GAC) Replacement - Wailua Homesteads Well						\$ 230,000
Infrastructure Inventory	Transferred from budget acct. No. 10-40-60-563-010						\$ 1,186,000

TOTAL: WU/Ops/Capital Outlay - Expansion/Misc. Capital Purchases \$ 91,031 \$ 403,382 \$ 115,000 \$ 12,725 \$ 102,080 \$ 670,500

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Proposed
Sodium Hypochlorite On-Site Generation	Kilohana OSG			\$ -			\$ 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)			\$ -			\$ 220,500
Facility Improvements	Security & Hardening						\$ 300,000
Pipe Locator	Pipe locating equipment for new Water Service Investigator			\$ 15,000			

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

\$ 816,226 \$ 2,673,422 \$ 700,000 \$ - \$ 20,714 \$ 400,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Proposed
Storage Tanks	Tank Cleaning, Painting, Minor Repairs						\$ -
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		\$ -			
Submersible pump and refurbish Wainiha Well #1	Replace submersible pump and refurbish Wainiha Well #1			\$ 150,000		\$ 20,714	
Offices -Microlab building	Offices on the second floor Microlab building			\$ 75,000			
Work stations	Work stations Operations Building			\$ 50,000			
Wet barrel hydrants with dry barrel hydrants	Replace wet barrel hydrants with dry barrel hydrants			\$ 25,000			

TOTAL: WU/Ops/Capital Outlay - Expansion

\$ - \$ 2,673,422 \$ 600,000

\$ 699,938

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Proposed
Storage Tanks	Tank Cleaning, Painting, Minor Repairs						\$ -
Satellite Operations Facility	Satellite Operations Facility			\$ 600,000			\$ 699,938
DOW Baseyard	Baseyard Phase 1						\$ -

**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 4/30/22</u>	<u>FY 2022-2023 Proposed Budget</u>
Water Utility Fund					
ADMIN					
		\$ 1,042,210.00	\$ 1,330,509.52	\$ 913,905.08	\$ 1,423,654.80
10-01-10-510-010	WU/Admin/Admin/Salaries and Wages	\$ 610,292.00	\$ 799,504.00	\$ 668,886.22	\$ 918,392.80
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	\$ 1,837.00	\$ 2,000.00
10-01-10-510-030	WU/Admin/Admin/Overtime	\$ 17,863.00	\$ 30,000.00	\$ 14,379.14	\$ 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	\$ 50,068.89	\$ 79,590.05
10-01-10-530-020	WU/Admin/Admin/Retirement Contributions	\$ 319,688.00	\$ 223,560.96	\$ 131,535.17	\$ 225,694.27
10-01-10-530-030	WU/Admin/Admin/Life and Health Insurance	\$ 43,085.00	\$ 55,742.00	\$ 47,198.66	\$ 77,977.68
I.T.					
		\$ 119,806.00	\$ 368,626.50	\$ 194,208.22	\$ 354,045.48
10-02-10-510-010	WU/IT/Admin/Salaries and Wages	\$ 62,643.00	\$ 237,312.00	\$ 115,320.00	\$ 223,112.00
10-02-10-510-020	WU/IT/Admin/Temporary Assignment	\$ 2,257.00	\$ 500.00	\$ 5,149.05	\$ 500.00
10-02-10-510-030	WU/IT/Admin/Overtime	\$ 523.00	\$ 30,000.00	\$ 24,004.17	\$ 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	\$ 11,032.81	\$ 19,401.32
10-02-10-530-020	WU/IT/Admin/Retirement Contributions	\$ 41,353.00	\$ 64,274.88	\$ 28,912.59	\$ 60,866.88
10-02-10-530-030	WU/IT/Admin/Life and Health Insurance	\$ 6,802.00	\$ 16,052.00	\$ 9,789.60	\$ 20,165.28
ENGINEERING - WATER QUALITY					
		\$ 415,849.49	\$ 346,386.57	\$ 257,944.99	\$ 290,984.32
10-10-40-510-010	WU/QualPurif/Admin/Salaries and Wages	\$ 232,607.00	\$ 250,080.00	\$ 185,664.68	\$ 215,096.80
10-10-40-510-020	WU/QualPurif/Admin/Temporary Assignment	\$ 19.49	\$ 1,500.00	\$ 1,801.14	\$ 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	\$ 14,897.51	\$ 16,837.41
10-10-40-530-020	WU/QualPurif/Admin/Retirement Contributions	\$ 141,284.00	\$ 61,099.20	\$ 45,844.31	\$ 52,823.23
10-10-40-530-030	WU/QualPurif/Admin/Life and Health Insurance	\$ 11,377.00	\$ 11,232.00	\$ 6,169.18	\$ 1,226.88
ENGINEERING - ENVIRONMENTAL					
		\$ 379,077.00	\$ 459,362.18	\$ 227,327.28	\$ 631,222.67
10-20-10-510-010	WU/Eng/Admin/Salaries and Wages	\$ 195,541.00	\$ 316,296.00	\$ 150,447.00	\$ 439,148.80
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	\$ 13,117.00	\$ 34,474.63
10-20-10-530-020	WU/Eng/Admin/Retirement Contributions	\$ 131,513.00	\$ 78,551.04	\$ 38,094.93	\$ 108,155.71
10-20-10-530-030	WU/Eng/Admin/Life and Health Insurance	\$ 18,699.00	\$ 28,477.00	\$ 17,210.59	\$ 37,943.52

Account	Description	<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>4/30/22</u>	<u>FY 2022-2023</u> <u>Proposed</u> <u>Budget</u>
CONSTRUCTION MANAGEMENT					
		\$ 612,909.00	\$ 817,611.50	\$ 259,303.11	\$ 810,058.45
10-21-10-510-010	WU/Const/Admin/Salaries and Wages	\$ 345,381.00	\$ 571,188.00	\$ 184,563.68	\$ 555,575.20
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	\$ 667.75	\$ 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	\$ 13,700.35	\$ 43,802.00
10-21-10-530-020	WU/Cons/Admin/Retirement Contributions	\$ 221,299.00	\$ 141,165.12	\$ 43,844.55	\$ 137,418.05
10-21-10-530-030	WU/Cons/Admin/Life and Health Insurance	\$ 12,499.00	\$ 43,262.00	\$ 16,526.78	\$ 56,263.20
ENGINEERING -WRP					
		\$ 716,679.00	\$ 797,310.31	\$ 692,105.01	\$ 665,030.70
10-22-10-510-010	WU/Wrp/Admin/Salaries and Wages	\$ 279,905.00	\$ 536,952.00	\$ 423,757.50	\$ 443,008.40
10-22-10-510-020	WU/Wrp/Admin/Temporary Assignment	\$ 9,665.00	\$ 5,000.00	\$ 6,952.90	\$ 5,000.00
10-22-10-510-030	WU/Wrp/Admin/Overtime	\$ 107,807.00	\$ 15,000.00	\$ 63,806.80	\$ 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	\$ 32,585.69	\$ 36,567.64
10-22-10-530-020	WU/Wrp/Admin/Retirement Contributions	\$ 241,878.00	\$ 133,668.48	\$ 118,353.38	\$ 114,722.02
10-22-10-530-030	WU/Wrp/Admin/Life and Health Insurance	\$ 44,213.00	\$ 64,083.00	\$ 46,648.74	\$ 35,732.64
FISCAL-BILLING					
		\$ 340,523.95	\$ 836,990.92	\$ 340,523.95	\$ 909,864.07
10-30-20-510-010	WU/Bill/Colln/Salaries and Wages	\$ 443,803.00	\$ 532,668.00	\$ 434,045.76	\$ 594,568.00
10-30-20-510-020	WU/Bill/Colln/Temporary Assignment	\$ 3,733.00	\$ 5,000.00	\$ 1,220.87	\$ 5,000.00
10-30-20-510-030	WU/Bill/Colln/Overtime	\$ 8,805.00	\$ 60,000.00	\$ 6,319.29	\$ 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	\$ 31,684.38	\$ 50,456.95
10-30-20-530-020	WU/Bill/Colln/Retirement Contributions	\$ 286,216.00	\$ 143,440.32	\$ 106,329.01	\$ 158,296.32
10-30-20-530-030	WU/Bill/Colln/Life and Health Insurance	\$ 46,380.00	\$ 50,161.00	\$ 32,518.79	\$ 41,542.80
FISCAL - ACCOUNTING					
		\$ 886,053.00	\$ 953,395.55	\$ 671,955.02	\$ 1,098,335.70
10-31-10-510-010	WU/Acctg/Admin/Salaries and Wages	\$ 428,675.00	\$ 607,512.00	\$ 400,160.82	\$ 701,068.80
10-31-10-510-020	WU/Acctg/Admin/Temporary Assignment	\$ 9,746.00	\$ 10,000.00	\$ 6,831.33	\$ 10,000.00
10-31-10-510-030	WU/Acctg/Admin/Overtime	\$ 68,446.00	\$ 60,000.00	\$ 70,419.62	\$ 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	\$ 34,910.05	\$ 59,369.26
10-31-10-530-020	WU/Acctg/Admin/Retirement Contributions	\$ 288,216.00	\$ 162,602.88	\$ 108,883.12	\$ 186,256.51
10-31-10-530-030	WU/Acctg/Admin/Life and Health Insurance	\$ 49,762.00	\$ 61,451.00	\$ 50,750.08	\$ 76,641.12
OPS - PLANT - SOURCE					
		\$ 775,214.00	\$ 764,238.78	\$ 592,349.27	\$ 775,453.75
10-40-30-510-010	WU//Ops/Source/Salaries and Wages	\$ 414,549.00	\$ 534,696.00	\$ 423,160.91	\$ 534,967.80
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	\$ 41,659.44
10-40-30-530-020	WU//Ops/Source/Retirement Contributions	\$ 259,305.00	\$ 130,487.04	\$ 86,828.90	\$ 130,696.27
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>4/30/22</u>	<u>FY 2022-2023</u> <u>Proposed</u> <u>Budget</u>
OPS - PLANT - PURIFICATION					
		\$ 337,358.00	\$ 442,455.51	\$ 215,694.70	\$ 245,198.07
10-40-40-510-010	WU/Ops/Purification/Salaries and Wages	\$ 162,836.00	\$ 284,034.00	\$ 133,208.58	\$ 138,235.00
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	\$ 13,979.23
10-40-40-530-020	WU/Ops/Purification/Retirement Contributions	\$ 112,083.00	\$ 78,128.16	\$ 30,642.36	\$ 43,856.40
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	\$ 236,234.90	\$ 308,116.65
10-40-50-510-010	WU/Ops/PnP/Salaries and Wages	\$ 164,710.00	\$ 201,793.00	\$ 168,244.91	\$ 211,882.00
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	\$ 17,188.17
10-40-50-530-020	WU/Ops/PnP/Retirement Contributions	\$ 115,572.00	\$ 51,310.32	\$ 34,477.14	\$ 53,923.68
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	\$ 2,737,705.00	\$ 4,135,655.76
10-40-60-510-010	WU/Ops/TnD/Salaries and Wages	\$ 1,700,663.00	\$ 2,361,715.00	\$ 1,742,213.95	\$ 2,498,040.00
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	\$ 224,836.56
10-40-60-530-020	WU/Ops/TnD/Retirement Contributions	\$ 1,183,552.00	\$ 667,611.60	\$ 373,024.59	\$ 705,369.60
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	7,610,850.68	11,647,620.41
10-01-10-510-010	WU/Admin/Admin/Salaries and Wages	\$ 5,041,605.00	\$ 7,278,750.00	\$ 5,029,674.01	\$ 7,473,095.60
10-01-10-510-020	WU/Admin/Admin/Temporary Assignment	\$ 69,364.49	\$ 60,500.00	\$ 47,770.86	\$ 60,500.00
10-01-10-510-030	WU/Admin/Admin/Overtime	\$ 603,709.00	\$ 477,000.00	\$ 418,143.46	\$ 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	\$ 385,449.63	\$ 638,162.66
10-01-10-530-020	WU/Admin/Admin/Retirement Contributions	\$ 3,341,959.00	\$ 1,935,900.00	\$ 1,146,770.05	\$ 1,978,078.94
10-01-10-530-030	WU/Admin/Admin/Life and Health Insurance	\$ 538,967.00	\$ 677,955.00	\$ 435,137.24	\$ 689,383.20
Budget Increase					\$ 302,004.78

List of Vacant Positions	Count of Employee		Sum of FY23	
	Name		Sum of Annual Salary	Proposed Salary
Admin	12	\$	575,983	\$ 345,590
Business Administrator	1	\$	159,340	\$ 95,604
Computer Systems Support Technician I	1	\$	56,316	\$ 33,790
Information Specialist I	1	\$	70,560	\$ 42,336
Intern 1	1	\$	7,500	\$ 4,500
Intern 2	1	\$	7,500	\$ 4,500
Intern 3	1	\$	7,500	\$ 4,500
Intern 4	1	\$	7,500	\$ 4,500
Intern 5	1	\$	7,500	\$ 4,500
Intern 6	1	\$	7,500	\$ 4,500
Program Support Technician I	1	\$	54,646	\$ 32,788
Senior Clerk	1	\$	52,517	\$ 31,510
Waterworks Information Technology Manager	1	\$	137,604	\$ 82,562
Eng	8	\$	689,034	\$ 413,419
Advisor to the Board of Water Supply (reallocate to CE IV)	1	\$	92,887	\$ 55,732
Civil Engineer III	1	\$	83,198	\$ 49,919
Civil Engineer III (reallocate to CE I eff 4/1/22)	1	\$	71,786	\$ 43,072
Civil Engineer V	2	\$	223,031	\$ 133,818
Engineering Support Technician IV (reallocate to EST I eff 4/1/22)	1	\$	54,646	\$ 32,788
Water Microbiologist IV (reallocate to Water Microbiologist III)	1	\$	82,543	\$ 49,526
Waterworks Inspector III	1	\$	80,942	\$ 48,565
Fiscal	2	\$	146,878	\$ 88,127
Accountant I	1	\$	70,560	\$ 42,336
Accountant II	1	\$	76,318	\$ 45,791
Ops	9	\$	555,496	\$ 333,299
Assistant Water Plant Operator	1	\$	51,723	\$ 31,034
Automotive Mechanic I	1	\$	64,714	\$ 38,828
Maintenance Worker II	1	\$	66,163	\$ 39,698
Pipefitter (E)	1	\$	62,345	\$ 37,407
Pipefitter (W)	1	\$	62,345	\$ 37,407
Pipefitter Helper (E)	1	\$	51,723	\$ 31,034
Plant Electrician (currently reallocated to Fiscal-Janitor II)	1	\$	67,070	\$ 40,242
Water Meter Mechanic	1	\$	62,345	\$ 37,407
Water Plant Operator I	1	\$	67,070	\$ 40,242
Grand Total	31	\$	1,967,391	\$ 1,130,435

YEAR	VEHICLE/EQUIPMENT DESCRIPTION	LICENSE #	COST NEW	MILES/HOURS	CONDITION	OWNER
2003	FORD ESCAPE 4D MPVH 4X4	CK1759	\$23,426	130,589 mi	Usable	Auto Shop
2003	FORD ESCAPE 4D MPVH 4X4	CK1769	\$22,595	36,813 mi	Usable	Eng: WRP
2003	FORD ESCAPE 4D MPVH 4X4	CK1770	\$22,595	51,942 mi	Usable	Eng
2004	FORD F477 TRUCK 4X4	CK1785	\$70,798	111,428 mi	Usable	Auto Mech
2007	FORD RANGER 4X2 REG CAB	CK1961	\$21,311	59,566 mi	Good	Auto Mech
2007	FORD F450 TRUCK W/UTILITY BODY 4X2	CK1964	\$76,298	111,994 mi	Usable	Eng: PM
2008	FORD F450 TRUCK W/UTILITY BODY 4X2	CK1965	\$72,283	107,482 mi	Usable	Maintenance Crew
2008	GMC C5500 DUMP TRUCK	CK2020	\$72,659	109,898 mi	Usable	Field Dump
2008	FORD x464 TRUCK (Utility)	CK2047	\$74,689	136,562 mi	Usable	Ops Pool
2009	FORD RANGER REG CAB 4X2	CK2067	\$16,191	184,811 mi	Usable	Ops Pool
2010	JEEP PATRIOT (MPVH)	CK2122	\$22,995	37,937 mi	Good	Eng: PM
2010	TOYOTA MPVH T5522/4WD	CK2134	\$40,004	97,379 mi	Good	Eng: WRP: Lab
2011	INTERNATIONAL DUMP TRUCK	CK2128	\$96,983	73,798 mi	Good	East Dump
2011	DODGE -DR1500	CK2143	\$30,541	117,177 mi	Usable	WPO I
2011	NISSAN LEAF 4DSD	CK2153	\$37,986	9,038 mi	Very Good	Admin: Deputy
2012	TOYOTA RAV4 2WD V-6	CK2160	\$26,687	178,209 mi	Usable	Meter Reader Sup
2012	TOYOTA RAV4 4WD V-6	CK2161	\$28,094	89,406 mi	Good	Plants Sup
2012	TOYOTA RAV4 2WD V-6	CK2162	\$26,687	190,230 mi	Usable	Meter Reader
2012	TOYOTA RAV4 4WD V-6	CK2163	\$28,094	76,683 mi	Good	Leak Investigator
2012	FORD VAN	CK2166	\$52,804	109,975 mi	Usable	Electrician
2012	DODGE PICKUP - DR1500 -QUAD CAB -4X4	CK2188	\$28,547	81,176 mi	Good	Chief of Ops
2012	DODGE PICKUP - DR1500 -CREW CAB -4X4	CK2189	\$27,361	65,179 mi	Good	Eng: PM
2013	FORD F450 TRUCK (Utility)	CK2237	\$99,161	114,312 mi	Usable	Lead PF
2014	FORD EXPLORER	CK2264	\$36,365	19,698 mi	Good	Eng: PM
2014	FORD F150	CK2265	\$41,818	55,782 mi	Good	Eng: PM
2014	FORD F150	CK2266	\$41,818	16,382 mi	Good	Eng: PM
2014	PETERBILT DUMP TRUCK	CK2304	\$183,197	36,192 mi	Very Good	Plant Dump
2015	FORD F250 TRUCK	CK2310	\$37,278	91,950 mi	Good	WPO I
2016	NISSAN FRONTIER PICKUP	CK2345	\$27,714	135,450 mi	Good	Meter Reader
2016	FORD F-450 PICKUP	CK2350	\$122,626	67,639 mi	Good	Lead PF
2016	FORD F-450 SUPER DUTY PICKUP	CK2351	\$95,836	77,309 mi	Good	Lead PF
2016	FORD F-250 SUPER DUTY PICKUP	CK2352	\$65,415	52,626 mi	Good	West Sup
2016	FORD F-250	CK2355	\$47,149	71,596 mi	Good	WPO I
2016	FORD F-150 PICKUP	CK2356	\$44,513	36,871 mi	Good	Assistant Chief of Ops
2016	CHEVROLET COLORADO PICKUP	CK2357	\$40,954	84,172 mi	Good	East Sup
2016	FORD F-550	CK2389	\$71,469	49,730 mi	Good	Field Dump

YEAR	VEHICLE/EQUIPMENT DESCRIPTION	LICENSE #	COST NEW	MILES/HOURS	CONDITION	OWNER
2017	FORD F-550 PICKUP	CK2422	\$111,829	68,066 mi	Very Good	Lead PF
2017	FORD F-550 PICKUP	CK2423	\$111,802	37,463 mi	Very Good	Lead PF
2017	FORD F250 PICKUP	CK2424	\$62,661	8,477 mi	Very Good	Weld
2017	FORD F-250 PICKUP	CK2426	\$57,430	36,225 mi	Very Good	Electrician
2018	JEEP CHEROKEE	CK2414	\$39,491	14,652 mi	Very Good	Eng: PM
2018	FORD F-150 PICKUP	CK2425	\$51,435	33,027 mi	Very Good	Meter Mech
2019	INTERNATIONAL TANK TRUCK	CK2438	\$137,821	3,276 mi	Very Good	Field Tanker
2019	PETERBILT DUMP TRUCK	CK2466	\$155,732	20,235 mi	Very Good	West Dump
2019	NISSAN MPVH PICKUP	CK2473	\$28,894	9,391 mi	Very Good	Admin: MCE
2019	NISSAN MPVH PICKUP	CK2474	\$28,894	6,893 mi	Very Good	Admin Pool
2019	NISSAN FRONTIER PICKUP	CK2478	\$24,514	25,853 mi	Very Good	Meter Reader
2019	FORD F-150 4X4	CK2493	\$51,264	23,069 mi	Very Good	Field Sup
2019	FORD RANGER PICKUP	CK2500	\$35,695	19,766 mi	Very Good	Eng: WRP: Lab
2019	DODGE RAM PICKUP	CK2524	\$39,767	19,926 mi	Very Good	Grounds
2020	Peterbilt 348 DUMP TRUCK	CK2539	\$152,228	11,208 mi	Very Good	East Dump
2020	FORD F-150 4X4 W/ WORKPOD INSERT	CK2568	\$54,036	24,716 mi	Very Good	Leak Investigator
2020	FORD F-550 W/ CRANE BODY	CK2569	\$157,142	3,387 mi	Very Good	Auto/Equipment Mech
2020	Peterbilt 348 DUMP TRUCK	CK2574	\$155,444	443 mi	Very Good	East Dump
2020	FORD F450 TRUCK W/UTILITY BODY 4X4	CK2585	\$84,012	6,373 mi	Very Good	Maintenance Crew
2000	TRAIL KING FLAT BED TRAILER TK24	CK577	\$14,974	N/A	Out of Service	Buffalo
2004	BIG TEX UTILITY TRAILER	CK706	\$7,836	N/A	Usable	Maint Trailer
2006	SHPBLT MSTL TRAILER	CK727	\$12,474	N/A	Good	Buffalo
2006	SHPBLT MSTL TRAILER	CK729	\$20,722	N/A	Good	Buffalo
2007	ZIEMAN TRAILER	CK741	\$8,125	N/A	Good	West Trailer
2009	ZIEMAN CARRIER TRAILER	CK774	\$8,646	N/A	Good	East Trailer
2012	TRAIL KING TRAILER TK20LP	CK792	\$16,078	N/A	Usable	West Trailer
2014	HOMEMADE TRAILER	CK815	>\$5,000	N/A	Good	Buffalo
2014	HOMEMADE TRAILER	CK816	>\$5,000	N/A	Good	Buffalo
2015	FORD F250	CK2341	\$40,276	103,680 mi	Usable	WPO II
2016	TRAIL KING TK50RB ROLL BACK TRAILER	CK834	\$65,520	N/A	Good	Plant Trailer
2021	16k Tilit Deck Felling Trailer	CK867	\$19,686	N/A	Very Good	West Trailer
2021	16k Tilit Deck Felling Trailer	CK868	\$19,686	N/A	Very Good	East Trailer
2021	16k Tilit Deck Felling Trailer	CK869	\$19,686	N/A	Very Good	East Trailer
2002	Komatsu WB 140 4-Wheel Drive Loader Backhoe		\$69,635	3,193 hrs		OPS Field
2002	Takeuchi Compact Excavator TB24OR		\$84,583	1,296 hrs		OPS East Field
2002	Takeuchi Compact Excavator TB-250-2RA		\$68,497	251 hrs		OPS West Field

YEAR	VEHICLE/EQUIPMENT DESCRIPTION	LICENSE #	COST NEW	MILES/HOURS	CONDITION	OWNER
2002	Toyota TFL 1314 Tire Forklift (6000# Pneumatic)		\$29,816	N/A		Ops Baseyard
2007	Skid Steer Loader(SS4), Case 430 SSL		\$24,479	1,385 hrs		OPS Plant
2008	Takeuchi Model TB175CS Excavator		\$82,078	2,794 hrs		OPS Plant
2009	Case Model 430 SSLSeries III Uniloader		\$28,750	1,819 hrs		OPS Field
2010	Kubota ZD28 Riding Mower			535 hrs		OPS Plant
2016	Husqvarna Z242F Riding Mower			527 hrs		OPS Plant
2020	Case 4WD Backhoe w/extendahoe, pilot		\$113,687	1,068 hrs		OPS Plant
2020	Takeuchi TB228R Excavator		\$45,900	2,144 hrs		OPS East Field
2020	Takeuchi TB235R Excavator		\$56,153	2,710 hrs		OPS West Field
2009	Bradco 6120 Backhoe & 4X1 Bucket		\$17,187			Operations
1992	Generac Generator, Trailer-Mounted 125 KVA Power			Unknown		OPS Plant
1992	Multiquip Generator, Trailer-Mounted 125 KVA Power			2,324 hrs		OPS Plant
1992	Multiquip Generator, Trailer-Mounted 125 KVA Power			5,349 hrs		OPS Plant
1992	Multiquip Generator, Trailer-Mounted 125 KVA Power			4,474 hrs		OPS Plant
1992	Multiquip Generator, Trailer-Mounted 150 KVA Power			249 hrs		OPS Plant
1992	Multiquip Generator, Trailer-Mounted 150 KVA Power			248 hrs		OPS Plant
1992	Multiquip Generator, Trailer-Mounted 150 KVA Power			77 hrs		OPS Plant
1992	Multiquip Generator, Trailer-Mounted 150 KVA Power			336 hrs		OPS Plant
1992	Multiquip Generator, Trailer-Mounted 150KVA Power		UNKNOWN	490 hrs		OPS Plant
1992	ONAN Generator, Trailer-Mounted 150 KVA Power			2,322 hrs		OPS Plant
1992	ONAN Generator, Trailer-Mounted 150 KVA Power			2,600 hrs		OPS Plant
2002	Multiquip Generator, Trailer-Mounted 70 KVA Power		\$27,291	2,324 hrs		OPS Plant
2002	Multiquip Generator, Trailer-Mounted 70 KVA Power		\$27,291	472 hrs		OPS Plant
2008	Multiquip Generator, Trailer- Mounted 400 KVA Power		\$100,430	80 hrs		OPS Plant
2009	Caterpillar Generator, Permanent 600 KVA Power			225 hrs		OPS Plant
2013	Multiquip Generator, Trailer-Mounted 125 KVA Power		\$72,395	34 hrs		OPS Plant
2019	Multiquip Generator, Permanent 10KVA Power (Baseyard)		\$16,822	2 hrs		OPS Plant
2019	Multiquip Generator, Permanent 25KVA Power		\$26,767	3 hrs		OPS Plant
2019	Multiquip Generator, Trailer-Mounted 125KVA Power		\$72,616	99 hrs		OPS Plant
2019	Multiquip Generator, Trailer-Mounted 45 KVA Power		\$41,531	1 hrs		OPS Plant
2020	Multiquip Generator, Trailer-Mounted 150 KVA Power			0 hrs		OPS Plant

DEPARTMENT OF WATER

County of Kaua'i

"Water has no Substitute – Conserve It!"

May 26, 2022

Re: Proposed Operating and Capital Budgets for FY 2022-2023.
Initially submitted - April 28, 2022.

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").

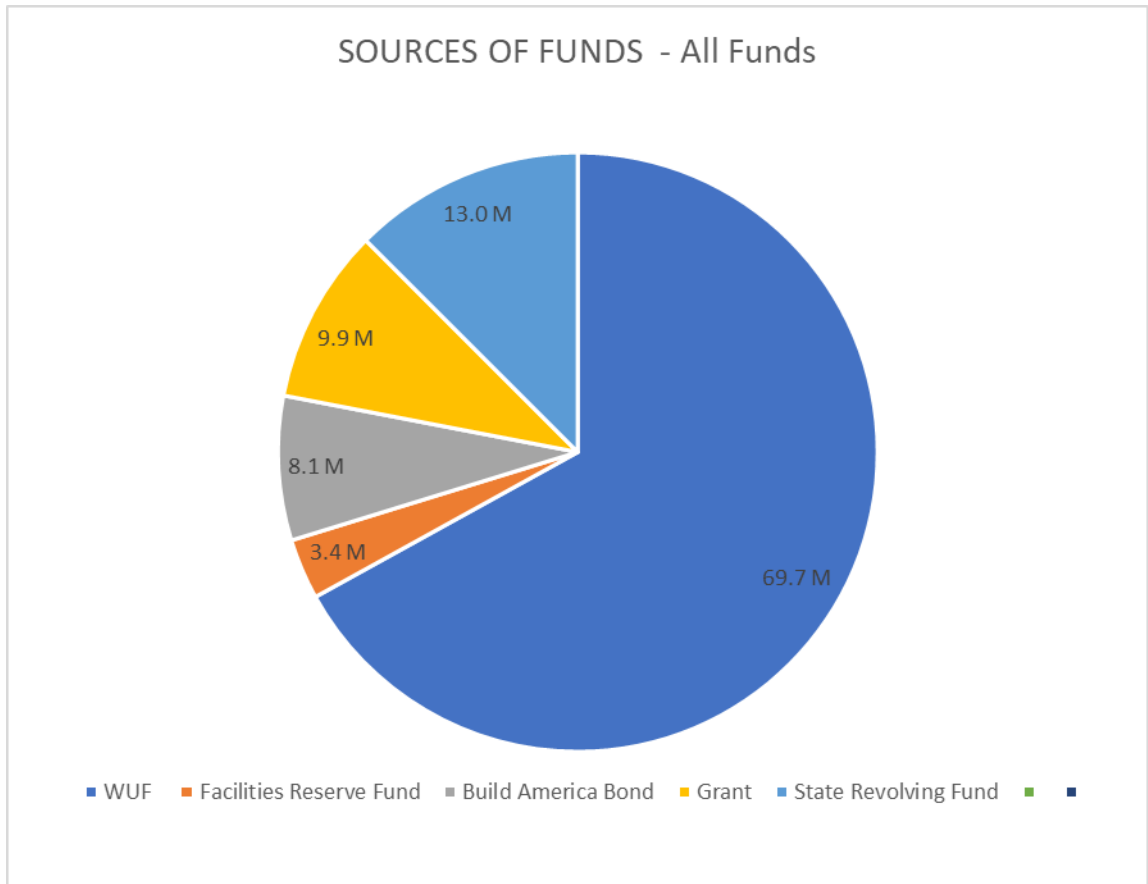
A summary of Purchase Order ("PO") rollovers for unexpended encumbrances such as Contracts and Purchase Orders will be submitted as a supplemental budget under a separate cover after the financial accounting system as of FY ending June 30, 2022, is completed.

A. SOURCES OF FUNDS: All Funds

The projected sources of funds for Fiscal Year 2022 – 2023 with a total of \$100.4 million (“M”) are shown below. This amount is 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.

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

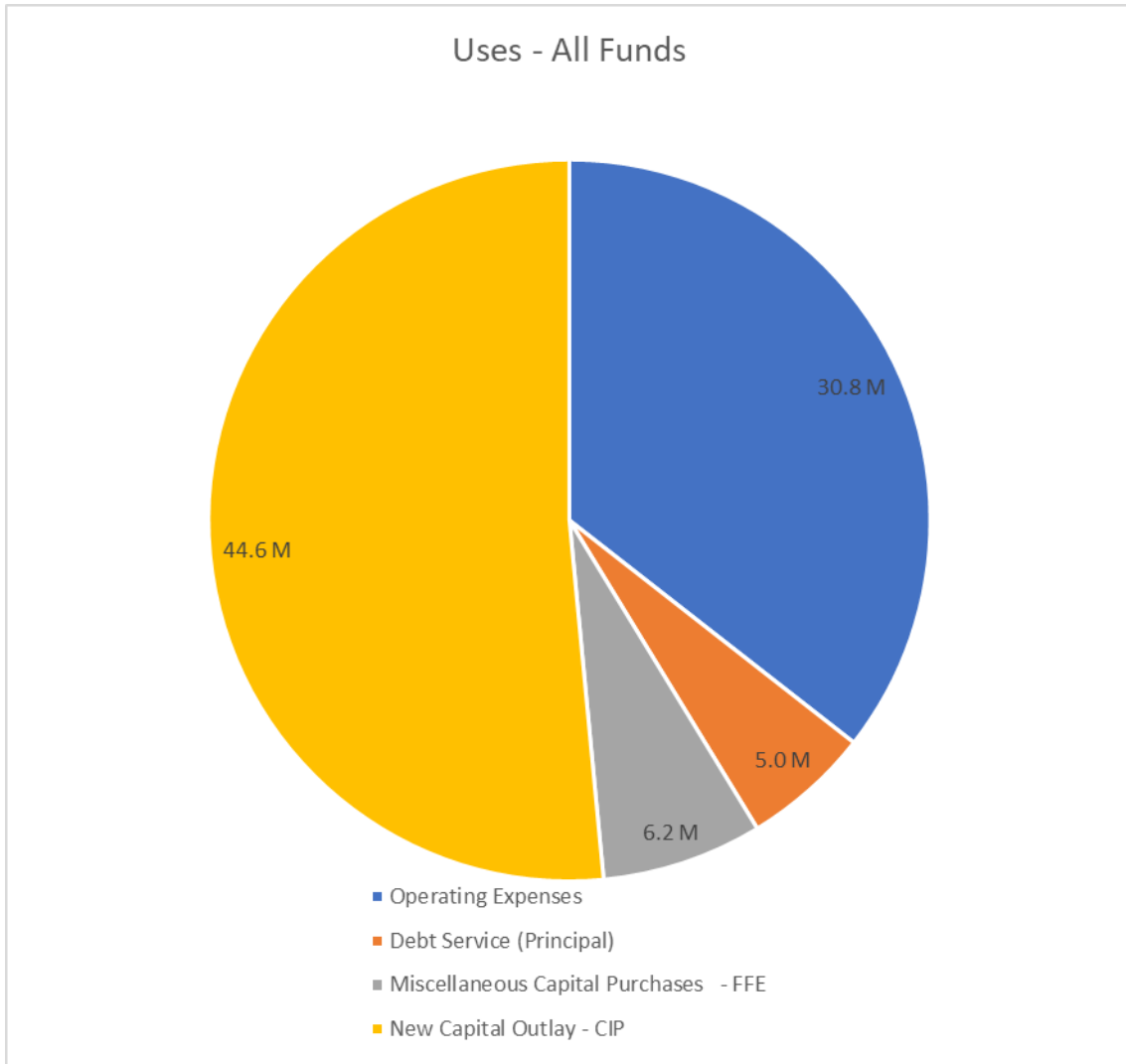
1. The Water Utility Fund (“WUF”).
2. The Facilities Reserve Charge (“FRC”).
3. The Build America Bond (“BAB”).
4. The State Appropriation (“Grants”) Fund.
5. The State Revolving Fund (“SRF”).



Sources of Funds:

Water Utility Fund	\$ 69,657,658
Facilities Reserve Fund	\$ 3,402,426
Build America Bond	\$ 8,100,923
State Appropriation Fund	\$ 9,850,000
State Revolving Fund	\$ 13,000,000
Total	\$ 104,011,007

B. USES – All Funds



Uses – All Funds

Operating Expenses	\$	30,787,791
Debt Service (Principal)	\$	4,961,483
Miscellaneous Capital Purchases - FFE	\$	6,234,397
New Capital Outlay - CIP	\$	44,599,938
Totals	\$	86,583,610

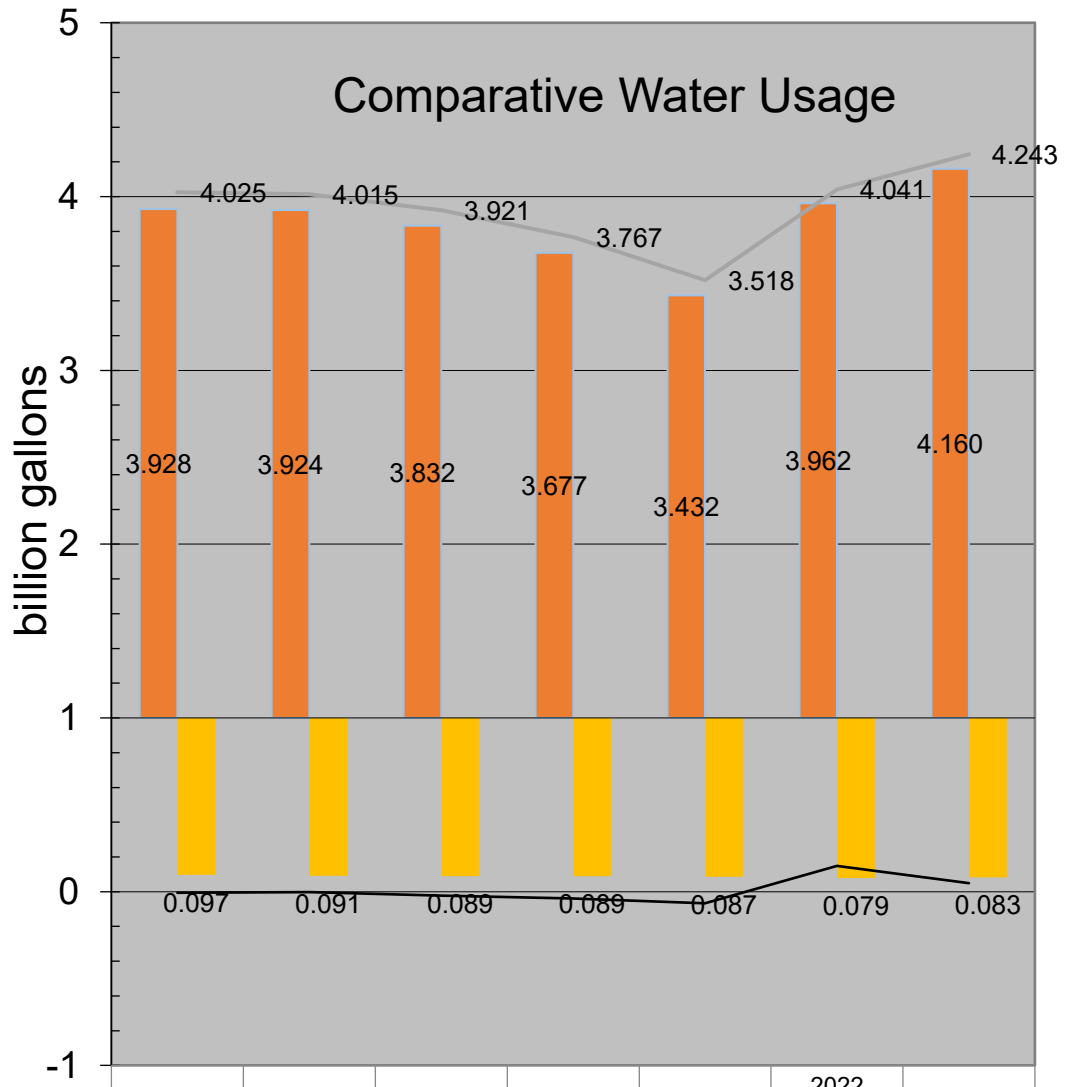
1. The Water Utility Fund (WUF) will be used to fund the operating expenses, service debt payments and to fund the purchase and replacement of furniture, fixtures, and equipment. In addition, it will be used to pay for new capital replacement projects. These projects are itemized on a separate worksheet.
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 or expansion of the water system.
3. Build America Bond Fund. There is a remaining unspent amount of \$8,100,923 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. State Revolving Fund ("SRF") – \$13,000,000. The DOW applied for 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.

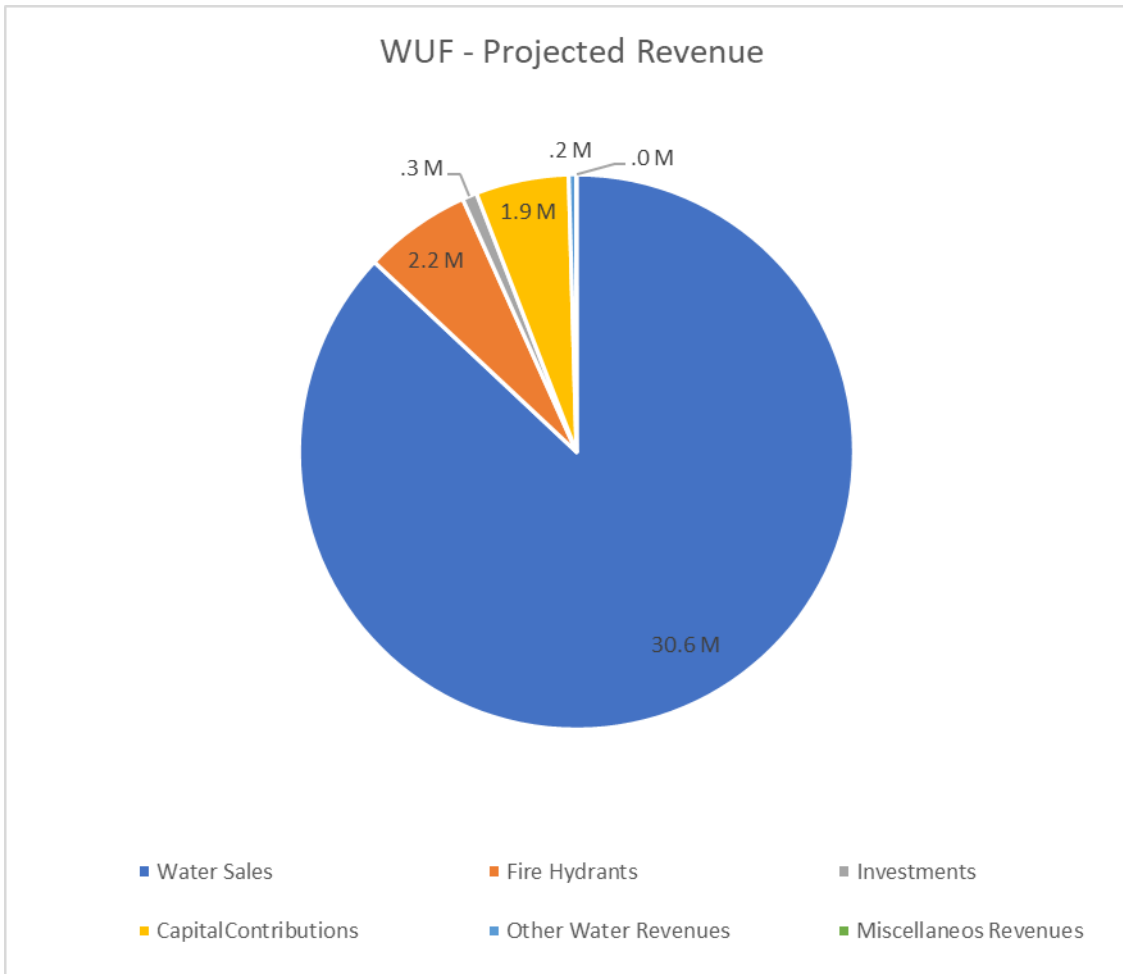
The DOW's main source of revenue is generated from water sales. Historically, the DOW provided an annual average of four billion gallons of water to over 22,000 customer accounts from single to multi-family dwellings, agricultural, commercial, government and other mixed-use accounts through the operation 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 4.2 BG in FY 2023, a five percent (5%) increase based on current trends. 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 ten months and estimated consumption for the two months remaining in FY 2022. FY 2023 consumption was projected with a 5% increase as explained above.



	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Estimated	2023 Projected
Series2	3.928	3.924	3.832	3.677	3.432	3.962	4.160
Series4	0.097	0.091	0.089	0.089	0.087	0.079	0.083
Series1	-1%	-0.3%	-2.3%	-3.9%	-6.6%	14.9%	5.0%
Series3	4.025	4.015	3.921	3.767	3.518	4.041	4.243

C. WATER UTILITY FUND – Projected Revenues



The department estimated a beginning cash balance of \$45.2M and will have a net beginning cash available of \$26.6M after current liabilities and encumbrances.

In addition, the DOW projected revenues as follows:

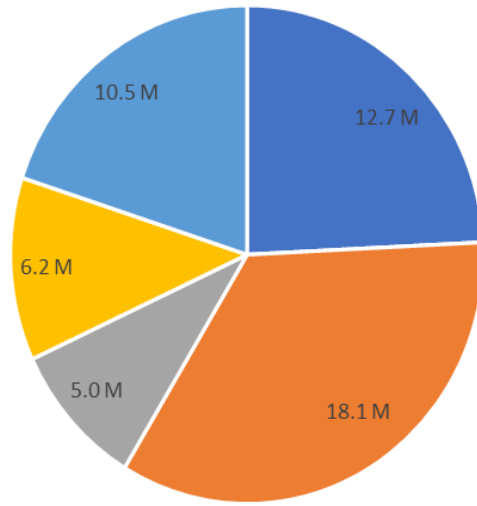
Water Sales	\$	30,578,458
Fire Hydrants	\$	2,201,634
Investments	\$	300,000
Capital Contributions	\$	1,907,344
Other Water Revenues	\$	150,000
Miscellaneous Revenues	\$	8,500
Totals	\$	35,145,936

- 1. Water Sales - \$30,578,458.** The water sales for FY 2023 were projected with five-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 Kauai’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. WATER UTILITY FUND - PROJECTED USES

WUF - Operating Expenses & Capital Improvement



- Labor & Benefits Total
- Non-Labor Total
- Dept principal payment - Subtotal
- Misc. Capital Purchases
- New CIP - Subtotal

Water Utility Fund Budget	FY 2022 - 2023 Proposed Budget	%
Labor	\$8,341,996	
Benefits	\$4,363,625	
Labor & Benefits - sub-total	\$12,705,621	24%
Services	\$5,026,352	
Supplies	\$846,380	
Insurance & Leases	\$283,600	
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	\$1,334,489	
Meetings, Training & Development	\$344,700	
Interest Expense	\$2,619,332	
Operating Expenses not including labor - sub-total	\$18,082,171	34%
Total Operating Expenses	\$30,787,792	
Dept principal payment	\$4,961,483	9%
Misc. Capital Purchases	\$6,234,397	12%
New CIP - Design	\$2,100,000	

New CIP - Construction	\$7,300,000	
New CIP - Operations	\$1,099,938	
Total New CIP	\$10,499,938	20%
Totals	\$52,483,610	100%

I. Operating Expenses - \$30,787,791.

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 24% of total water utility fund budget while non-labor expenses accounted for 34%, debt principal for 9% and New Capital Outlay budget represented 32%. Included in the “Salaries & Wages” budget was \$1.2M in budgeted vacancy positions. There are currently twenty-five (25) full time vacant positions, each was proposed at 60% funding.

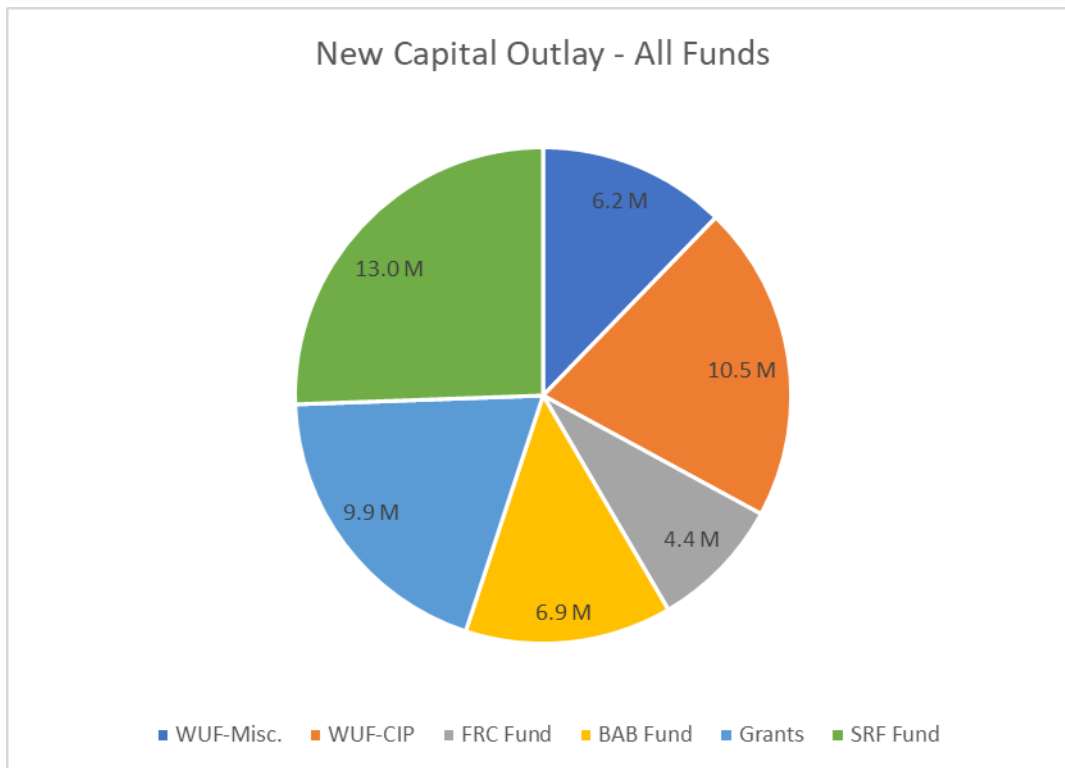
2. Non-labor expenses represented 34% of the total WUF budget as follows:

- a. Services, which include Professional Services, Accounting & Auditing, Other General Services, Public Relations, Communications and Miscellaneous Services have a total budget of \$5M.
- b. Fuel, office, and operating supplies of \$846.4K decreased by \$234.3K due to the reclass of inventory stock items to miscellaneous capital expenditures.
- c. Insurance & Leases have total budget of \$283.6K, an increase of \$144.5K. This increase was due to the inclusion of the DOW’s liability insurance premium that wasn’t on this budget line item in the previous fiscal year.
- d. 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.
- 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. Water Purchases had a total budget of \$1.9 M and was increased by \$98K.
- g. Repairs & Maintenance for both water and non-water systems, were proposed at \$1.7M, an increase of \$406.2K.
- h. Training and Development, including books, publications & memberships, travel & per diem, and meeting expenses for both staff and board members. Total budget was \$344.7K.
- i. 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 - \$6,234,397.** 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 \$10,499,938.** This amount represents the proposed CIP for design, construction and replacements managed by Engineering. Detailed list is provided on a separate CIP list worksheet.

II. New Capital Outlay – All Funds - \$50,834,336

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 - CIP:		
WUF – Miscellaneous Capital Outlay	\$6,234,397	12%
WUF - CIP	\$10,499,938	21%
FRC Fund	\$4,400,000	9%
BAB Fund	\$6,850,000	13%

Grants	\$9,850,000	19%
SRF Fund	\$13,000,000	26%
Capital Outlay - Subtotal	\$50,834,335	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, Investments & Receivables as of 4/30/2022	\$45,224,545	\$9,300,000	\$2,419,249	\$9,501,960	\$0	\$0	\$66,445,755
Prior Year Encumbrances - PO & Contracts (-)	\$12,026,808		\$44,666	\$1,436,037	\$2,575,711		\$16,083,221
Current Fiscal Year - Contracts in Process	\$3,260,221				\$14,000,000		\$17,260,221
Current Liabilities, excluding Debt (-)	\$3,350,085						\$3,350,085
Estimated Available Resources for Budget Appropriation - 7/1/22	\$26,587,432	\$9,300,000	\$2,374,583	\$8,065,923	-\$16,575,711	\$0	\$29,752,228
Revenues	\$60,195,936		\$1,027,843	\$35,000	\$0	\$13,000,000	\$74,258,779
Transfers In	\$100,000			\$0	\$0		\$100,000
Transfers (Out)	-\$26,425,711	-\$100,000		\$0	\$26,425,711	\$0	-\$100,000
Adjusted Balance	\$60,457,658	\$9,200,000	\$3,402,426	\$8,100,923	\$9,850,000	\$13,000,000	\$104,011,007
Operating Expenses	\$30,787,791		\$0	\$0	\$0		\$30,787,791
Short Term Debt - Principal Repayment	\$4,961,483	\$0	\$0	\$0	\$0		\$4,961,483
Miscellaneous Capital Purchases - TFFE	\$6,234,397						\$6,234,397
New Capital Outlay - CIP	\$10,499,938	\$0	\$4,400,000	\$6,850,000	\$9,850,000	\$13,000,000	\$44,599,938
Estimated Available Balance: WURF & CIP Reserve	\$7,974,047	\$9,200,000	-\$997,574	\$1,250,923	\$0	\$0	\$17,427,396

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	\$26,612,049	\$60,195,936
10-00-00-400-000	Water Sales	\$26,672,943	\$25,320,900	\$25,022,600	\$23,935,116	\$30,578,458
10-00-00-405-000	Revenue from Public Fire Protection	\$2,174,298	\$2,201,634	\$2,174,298	\$1,834,695	\$2,201,634
10-00-00-410-000	Other Water Revenue	\$140,291	\$163,083	\$300,000	\$103,598	\$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	\$470,554	\$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	\$232,860	\$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	\$34,894	\$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	\$871,761	\$1,027,843
20-00-00-424-000	Facility Reserve Charge	\$919,445	\$1,288,569	\$800,000	\$670,095	\$800,000
20-00-00-430-000	Federal Grants	\$242,888	\$243,107	\$240,291	\$201,666	\$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	-\$327,910	\$35,000
30-00-00-453-000	Net Increase / Decrease in Fair Value of Investments	\$170,623	-\$149,147	-\$30,000	-\$456,044	-\$30,000
30-00-00-461-000	Investment Income (Net of custodial fees & other investment cost)	\$158,587	\$161,337	\$65,000	\$128,135	\$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 2021 - 2022 Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Proposed Budget
OPERATING EXPENSES							
Water Utility Fund		\$25,837,255	\$27,280,268	\$29,617,792	\$20,316,429	\$4,253,397	\$30,787,791
510-010	Salaries & Wages (Regular & Compensated Leave)	\$5,724,655	\$5,041,605	\$7,278,750	\$5,029,674	\$0	\$7,473,096
510-020	Temporary Assignment	\$88,898	\$69,364	\$60,500	\$47,771	\$0	\$60,500
510-030	Overtime	\$554,465	\$603,710	\$477,000	\$418,146	\$0	\$513,400
510-040	Standby Pay	\$206,280	\$205,795	\$195,000	\$147,905	\$0	\$195,000
520-040	Vacation & Compensatory Time Pay out	\$32,014	\$0	\$100,000	\$0	\$0	\$100,000
530-010	FICA Taxes	\$460,511	\$497,561	\$620,511	\$385,450	\$0	\$638,163
530-020	Retirement Contributions	\$4,136,843	\$3,340,960	\$1,935,900	\$1,146,770	\$0	\$1,978,079
530-030	Life and Health Insurance	\$530,772	\$538,967	\$677,955	\$435,137	\$0	\$689,383
530-040	Workers Compensation	\$0	\$0	\$0	\$0	\$0	\$0
530-050	Unemployment Compensation	\$0	\$0	\$0	\$0	\$0	\$0
530-060	Post Employment Benefits (OPEB)	\$1,041,000	\$998,491	\$1,143,000	\$1,131,851	\$11,149	\$1,058,000
540-010	Professional Services - General	\$2,243,026	\$1,945,728	\$4,087,150	\$1,549,875	\$2,967,501	\$4,353,100
540-020	Professional Services - Accounting and Auditing	\$69,900	\$84,500	\$106,800	\$74,100	\$0	\$120,000
541-010	Other Services - General	\$40,503	\$46,774	\$51,800	\$40,641	\$1,092	\$77,200
541-020	Other Services - Billing Costs	\$117,017	\$134,244	\$214,556	\$124,649	\$0	\$223,790
542-010	Public Relations - General	\$91,950	\$44,688	\$82,900	\$67,746	\$17,711	\$90,950
542-020	Procurement Advertising	\$8,127	\$37,589	\$10,000	\$9,677	\$0	\$5,000
543-000	Communication Services	\$117,611	\$124,875	\$138,780	\$92,486	\$8,550	\$145,312
544-000	Freight and Postage Services	\$2,152	\$3,482	\$4,600	\$154,164	\$0	\$11,000
545-000	Rentals and Leases	\$65,845	\$73,601	\$134,100	\$84,064	\$11,598	\$153,600
546-000	Insurance	\$99,701	\$96,703	\$5,000	\$2,080	\$0	\$130,000
547-000	County Service Charge	\$2,174,298	\$2,201,634	\$2,174,298	\$1,834,695	\$0	\$2,201,634
551-000	Utility Services	\$2,425,709	\$2,502,528	\$2,863,878	\$2,360,681	\$0	\$3,147,500
560-000	Repairs and Maintenance - Water System	\$308,397	\$45,935	\$211,000	\$177,917	\$237,045	\$360,000
561-000	Repairs and Maintenance - Other than Water System	\$500,203	\$461,944	\$1,077,300	\$339,032	\$228,144	\$1,334,489
562-000	Office Supplies	\$11,901	\$17,869	\$22,000	\$14,283	\$752	\$29,000
563-000	Operating Supplies	\$884,929	\$979,530	\$936,220	\$789,682	\$189,754	\$642,380
564-000	Fuel	\$105,941	\$101,759	\$122,500	\$123,551	\$1,176	\$175,000
565-000	Bulk Water Purchase	\$1,546,547	\$4,054,076	\$1,820,176	\$1,356,684	\$3,082	\$1,918,185
570-010	Books, Publications, Subscriptions, and Memberships	\$21,328	\$33,689	\$27,630	\$18,772	\$3,690	\$29,980
570-020	Books, Publications, Subscriptions, and Memberships - Board	\$300	\$75	\$595	\$227	\$0	\$600
571-010	Training and Development	\$38,964	\$41,147	\$85,650	\$49,821	\$241	\$89,100
572-010	Travel and Per Diem	\$47,076	\$0	\$59,900	\$11,940	\$0	\$163,100
572-020	Travel and Per Diem - Board	\$0	\$0	\$7,280	\$0	\$0	\$13,250
573-010	Meeting Expense	\$13,067	\$1,625	\$22,200	\$6,478	\$0	\$42,170
573-020	Meeting Expense - Board	\$1,037	\$301	\$2,000	\$1,527	\$0	\$6,500
582-000	Interest Expense	\$2,126,288	\$2,949,517	\$2,860,863	\$2,288,951	\$571,912	\$2,619,332

Operating Expense Summary

		FY 2019 - 2020 Actual	FY 2020 - 2021	FY 2021-2022 Budget	FY 2021 - 2022 Expensed Amount as of 4/30/22	Encumbrance Amount	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	\$5,119,727	\$50,367	\$4,961,483
682-000	Debt Principal Repayment	\$5,031,869	\$5,160,541	\$5,170,095	\$5,119,727	\$50,367	\$4,961,483
Water Utility Fund - Non Budgetary Operating Expenses		\$7,232,012	\$7,142,016	\$7,942,735	\$5,877,900	\$0	\$7,425,941
580-000	Depreciation	\$7,000,563	\$6,906,157	\$7,190,082	\$5,739,332	\$0	\$7,190,082
581-000	Amortization	\$231,449	\$235,859	\$752,653	\$138,568	\$0	\$235,859
580-000	Inflows/Outflows	-\$41,932	-\$32,274	-\$41,932	-\$44,078	\$0	-\$75,562

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 Expensed Amount	Encumbered	FY 2022-2023 Proposed Budget
OPERATING EXPENSES (Detail)							
Water Utility Fund Operating Expenses		\$25,837,255	\$27,280,268	\$29,617,792	\$20,316,429	\$4,253,397	\$30,787,791
510-010	Salaries and Wages (includes compensated annual leaves and comp time.)	\$5,724,655	\$5,041,605	\$7,278,750	\$5,029,674	\$0	\$7,473,096
10-01-10-510-010	WU - Admin - Admin - Salaries and Wages	\$670,639	\$610,292	\$844,504	\$668,886		\$918,393
10-02-10-510-010	WU - IT - Admin - Salaries and Wages	\$106,481	\$62,643	\$237,312	\$115,320		\$223,112
10-10-40-510-010	WU - Qual - Purification - Salaries and Wages	\$247,436	\$232,607	\$250,080	\$185,665		\$215,097
10-20-10-510-010	WU - Eng - Admin - Salaries and Wages	\$244,196	\$195,541	\$316,296	\$150,447		\$439,149
10-21-10-510-010	WU - Const - Admin - Salaries and Wages	\$466,552	\$345,381	\$571,188	\$184,564		\$555,575
10-22-10-510-010	WU - Plan - Admin - Salaries and Wages	\$475,072	\$279,905	\$536,952	\$423,758		\$443,008
10-30-20-510-010	WU - Bill - Collection - Salaries and Wages	\$430,675	\$443,803	\$532,668	\$434,046		\$594,568
10-31-10-510-010	WU - Acctg - Admin - Salaries and Wages	\$486,956	\$428,675	\$607,512	\$400,161		\$701,069
10-40-30-510-010	WU - Ops - Source - Salaries and Wages	\$396,387	\$414,549	\$534,696	\$423,161		\$534,968
10-40-40-510-010	WU - Ops - Purification - Salaries and Wages	\$172,497	\$162,836	\$284,034	\$133,209		\$138,235
10-40-50-510-010	WU - Ops - PowerAndPump - Salaries and Wages	\$195,718	\$164,710	\$201,793	\$168,245		\$211,882
10-40-60-510-010	WU - Ops - TandD - Salaries and Wages	\$1,832,047	\$1,700,663	\$2,361,715	\$1,742,214		\$2,498,040
510-020	Temporary Assignment	\$88,898	\$69,364	\$60,500	\$47,771	\$0	\$60,500
10-01-10-510-020	WU - Admin - Admin - Temporary Assignment	\$4,882	\$3,605	\$2,000	\$1,837		\$2,000
10-02-10-510-020	WU - IT - Admin - Temporary Assignment	\$19,423	\$2,257	\$500	\$5,149		\$500
10-10-40-510-020	WU - Qual - Purification - Temporary Assignment	\$1,058	\$19	\$1,500	\$1,801		\$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	\$6,953		\$5,000
10-30-20-510-020	WU - Bill - Collection - Temporary Assignment	\$10,871	\$3,733	\$5,000	\$1,221		\$5,000
10-31-10-510-020	WU - Acctg - Admin - temporary Assignment	\$7,317	\$9,746	\$10,000	\$6,831		\$10,000
10-40-30-510-020	WU - Ops - Source - Temporary Assignment	\$2,899	\$2,165	\$3,000	\$1,575		\$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	\$476		\$4,000
10-40-60-510-020	WU - Ops - TandD -Temporary Assignment	\$27,703	\$30,132	\$25,000	\$21,365		\$25,000
510-030	Overtime	\$554,465	\$603,710	\$477,000	\$418,146	\$0	\$513,400
10-01-10-510-030	WU - Admin - Admin - Overtime	\$29,160	\$17,863	\$30,000	\$14,379		\$20,000
10-02-10-510-030	WU - IT - Admin - Overtime	\$25,170	\$523	\$30,000	\$24,007		\$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	\$668		\$15,000
10-22-10-510-030	WU - Plan - Admin - Overtime	\$71,189	\$107,807	\$15,000	\$63,807		\$30,000
10-30-20-510-030	WU - Bill - Collection - Overtime	\$44,120	\$8,805	\$60,000	\$6,319		\$60,000
10-31-10-510-030	WU - Acctg - Admin - Overtime	\$62,251	\$68,446	\$60,000	\$70,420		\$65,000
10-40-30-510-030	WU - Ops - Source - Overtime	\$4,834	\$17,401	\$6,000	\$10,305		\$6,600
10-40-40-510-030	WU - Ops - Purification - Overtime	\$36,978	\$26,684	\$30,000	\$27,063		\$33,000
10-40-50-510-030	WU - Ops - PowerAndPump - Overtime	\$18,525	\$16,520	\$8,000	\$8,806		\$8,800
10-40-60-510-030	WU - Ops - TandD - Overtime	\$249,530	\$314,542	\$210,000	\$180,347		\$231,000
510-040	Standby Pay	\$206,280	\$205,795	\$195,000	\$147,905	\$0	\$195,000
10-40-30-510-040	WU - Ops - Source - Standby Pay				\$4,796		\$0
10-40-40-510-040	WU - Ops - Purification - Standby Pay	\$8,731	\$10,375	\$10,000	\$5,649		\$10,000

Operating Expense Detail

5/18/2022

Operating Expense Detail

		FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021-2022 Budget	FY 2021 - 2022 YTD Expensed Amount	Encumbered	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	\$137,461		\$185,000
520-010	Compensated Annual Leave (CAL) (*YTD Actual Expenses - CAL were added to YTD Actual Expenses - Salaries & Wages)	\$0	\$0	\$0	\$0		\$0
520-040	Vacation & Compensatory Time Payout	\$32,014	\$0	\$100,000	\$0	\$0	\$100,000
10-01-10-520-040	WU - Admin - Admin - Vacation Payout	\$32,014	\$0	\$90,000	\$0	\$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	\$385,450	\$0	\$638,163
10-01-10-530-010	WU - Admin - Admin - FICA	\$45,581	\$47,677	\$74,703	\$50,069		\$79,590
10-02-10-530-010	WU - IT - Admin - FICA	\$11,791	\$6,228	\$20,488	\$11,033		\$19,401
10-10-40-530-010	WU - Qual - Purification - FICA	\$17,925	\$20,324	\$19,475	\$14,898		\$16,837
10-20-10-530-010	WU - Eng - Admin - FICA	\$18,030	\$18,812	\$25,038	\$13,117		\$34,475
10-21-10-530-010	WU - Const - Admin - FICA	\$32,605	\$31,394	\$44,996	\$13,700		\$43,802
10-22-10-530-010	WU - Plan - Admin - FICA	\$39,807	\$33,211	\$42,607	\$32,586		\$36,568
10-30-20-530-010	WU - Bill - Collection - FICA	\$31,979	\$40,507	\$45,722	\$31,684		\$50,457
10-31-10-530-010	WU - Acctg - Admin - FICA	\$39,100	\$41,208	\$51,830	\$34,910		\$59,369
10-40-30-530-010	WU - Ops - Source - FICA	\$28,196	\$35,983	\$41,593	\$27,285		\$41,659
10-40-40-530-010	WU - Ops - Purification - FICA	\$16,711	\$17,284	\$24,903	\$15,419		\$13,979
10-40-50-530-010	WU - Ops - PowerAndPump - FICA	\$15,718	\$16,106	\$16,355	\$10,457		\$17,188
10-40-60-530-010	WU - Ops - TandD - FICA	\$163,067	\$188,828	\$212,801	\$130,292		\$224,837
530-020	Retirement Contributions	\$4,136,843	\$3,340,960	\$1,935,900	\$1,146,770	\$0	\$1,978,079
10-01-10-530-020	WU - Admin - Admin - Retirement Contributions	\$414,583	\$319,688	\$223,561	\$131,535		\$225,694
10-02-10-530-020	WU - IT - Admin - Retirement Contributions	\$90,215	\$41,353	\$64,275	\$28,913		\$60,867
10-10-40-530-020	WU - Qual - Purification - Retirement Contributions	\$165,329	\$141,284	\$61,099	\$45,844		\$52,823
10-20-10-530-020	WU - Eng - Admin - Retirement Contributions	\$161,832	\$131,513	\$78,551	\$38,095		\$108,156
10-21-10-530-020	WU - Const - Admin - Retirement Contributions	\$304,848	\$221,299	\$141,165	\$43,845		\$137,418
10-22-10-530-020	WU - Plan - Admin - Retirement Contributions	\$366,997	\$241,878	\$133,668	\$118,353		\$114,722
10-30-20-530-020	WU - Bill - Collection - Retirement Contributions	\$307,558	\$288,216	\$143,440	\$106,329		\$158,296
10-31-10-530-020	WU - Acctg - Admin - Retirement Contributions	\$357,868	\$285,216	\$162,603	\$108,883		\$186,257
10-40-30-530-020	WU - Ops - Source - Retirement Contributions	\$270,995	\$259,305	\$130,487	\$86,829		\$130,696
10-40-40-530-020	WU - Ops - Purification - Retirement Contributions	\$153,525	\$112,083	\$78,128	\$30,642		\$43,856
10-40-50-530-020	WU - Ops - PowerAndPump - Retirement Contributions	\$149,447	\$115,572	\$51,310	\$34,477		\$53,924
10-40-60-530-020	WU - Ops - TandD - Retirement Contributions	\$1,393,647	\$1,183,552	\$667,611	\$373,025		\$705,370
530-030	Life and Health Insurance	\$530,772	\$538,967	\$677,955	\$435,137	\$0	\$689,383
10-01-10-530-030	WU - Admin - Admin - Life and Health Insurance	\$50,091	\$43,085	\$55,742	\$47,199		\$77,978
10-02-10-530-030	WU - IT - Admin - Life and Health Insurance	\$14,452	\$6,802	\$16,052	\$9,790		\$20,165
10-10-40-530-030	WU - Qual - Purification - Life and Health Insurance	\$11,099	\$11,377	\$11,232	\$6,169		\$1,227
10-20-10-530-030	WU - Eng - Admin - Life and Health Insurance	\$19,423	\$18,699	\$28,477	\$17,211		\$37,944
10-21-10-530-030	WU - Const - Admin - Life and Health Insurance	\$43,482	\$12,499	\$43,262	\$16,527		\$56,263
10-22-10-530-030	WU - Plan - Admin - Life and Health Insurance	\$53,012	\$44,213	\$64,083	\$46,649		\$35,733
10-30-20-530-030	WU - Bill - Collection - Life and Health Insurance	\$41,308	\$46,380	\$50,161	\$32,519		\$41,543
10-31-10-530-030	WU - Acctg - Admin - Life and Health Insurance	\$42,397	\$49,762	\$61,451	\$50,750		\$76,641
10-40-30-530-030	WU - Ops - Source - Life and Health Insurance	\$31,001	\$45,811	\$48,463	\$38,399		\$58,530
10-40-40-530-030	WU - Ops - Purification - Life and Health Insurance	\$9,346	\$7,805	\$13,890	\$3,150		\$4,627

Operating Expense Detail

5/18/2022

Operating Expense Detail

		FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021-2022 Budget	FY 2021 - 2022 YTD Expensed Amount	Encumbered	FY 2022-2023 Proposed Budget
OPERATING EXPENSES (Detail)							
10-40-50-530-030	WU - Ops - PowerAndPump - Life and Health Insurance	\$19,354	\$19,877	\$19,694	\$13,774		\$12,323
10-40-60-530-030	WU - Ops - TandD - Life and Health Insurance	\$195,808	\$232,657	\$265,448	\$153,001		\$266,410
530-040	Workers Compensation	\$0	\$0	\$0	\$0		\$0
530-060	Post-Employment Benefits (OPEB)	\$1,041,000	\$998,491	\$1,143,000	\$1,131,851	\$11,149	\$1,058,000
10-01-10-530-060	WU - Admin - Admin - OPEB	\$121,952	\$89,076	\$132,615	\$150,523		\$130,021
10-02-10-530-060	WU - IT - Admin - OPEB	\$19,363	\$9,652	\$37,266	\$25,951		\$31,587
10-10-40-530-060	WU - Qual - Purification - OPEB	\$44,995	\$39,125	\$39,271	\$41,781		\$30,452
10-20-10-530-060	WU - Eng - Admin - OPEB	\$44,406	\$36,740	\$49,669	\$33,856		\$62,172
10-21-10-530-060	WU - Const - Admin - OPEB	\$84,840	\$92,625	\$89,695	\$41,533		\$78,655
10-22-10-530-060	WU - Plan - Admin -OPEB	\$86,389	\$66,118	\$84,319	\$95,360		\$62,719
10-30-20-530-060	WU - Bill - Collection - OPEB	\$78,316	\$81,167	\$83,646	\$97,675		\$84,176
10-31-10-530-060	WU - Acctg - Admin - OPEB	\$88,551	\$81,796	\$95,399	\$90,050		\$99,253
10-40-30-530-060	WU - Ops - Source - OPEB	\$72,081	\$72,037	\$83,965	\$95,226		\$75,738
10-40-40-530-060	WU - Ops - Purification - OPEB	\$31,368	\$33,502	\$44,603	\$29,977		\$19,571
10-40-50-530-060	WU - Ops - PowerAndPump - OPEB	\$35,590	\$32,247	\$31,688	\$37,861		\$29,997
10-40-60-530-060	WU - Ops - TandD - OPEB	\$333,149	\$364,407	\$370,866	\$392,059		\$353,659
540-010	Professional Services - General	\$2,243,026	\$1,945,728	\$4,087,150	\$1,549,875	\$2,967,501	\$4,353,100
10-01-10-540-010	WU - Admin - Admin - Professional Services - General	\$199,852	\$87,917	\$305,300	\$57,843	\$21,362	\$406,500
10-02-10-540-010	WU - IT - Admin - Professional Services - General	\$526,502	\$729,917	\$70,000	\$29,173	\$12,540	\$580,000
10-10-40-540-010	WU - Qual - Purification - Professional Services - General	\$103,957	\$27,736	\$45,250	\$328,968	\$19,598	\$0
10-20-10-540-010	WU - Eng - Admin - Professional Services - General	\$445,056	\$342,032	\$245,000	\$784,459	\$258,447	\$2,925,000
10-21-10-540-010	WU - Const - Admin - Professional Services - General	\$530,630	\$412,726	\$1,000,000	\$34,716	\$1,026,824	\$0
10-22-10-540-010	WU - Plan - Admin - Professional Services - General	\$430,041	\$137,480	\$1,635,000	\$269,974	\$1,504,371	\$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	\$124,358	\$41,600
10-40-60-540-010	WU - Ops - TandD - Professional Services - General	\$0	\$0	\$550,000	\$0	\$0	\$400,000
540-020	Professional Services - Accounting and Auditing	\$69,900	\$84,500	\$106,800	\$74,100	\$0	\$120,000
10-31-10-540-020	WU - Acctg - Admin - Professional Services - Accounting and Auditing	\$69,900	\$84,500	\$106,800	\$74,100	\$0	\$120,000
541-010	Other Services	\$40,503	\$46,774	\$51,800	\$40,641	\$1,092	\$77,200
10-01-10-541-010	WU - Admin - Admin - Other Services	\$10,834	\$3,371	\$1,500	\$0	\$0	\$0
10-30-20-541-010	WU - Bill - Collection - Other Services	\$15,083	\$21,280	\$26,700	\$20,943	\$1,092	\$33,200
10-31-10-541-010	WU - Acctg - Admin - Other Services	\$13,924	\$21,806	\$21,600	\$19,190	\$0	\$42,000
10-40-60-541-010	WU - Ops - TandD - Other Services	\$662	\$317	\$2,000	\$508	\$0	\$2,000
541-020	Billing Costs	\$117,017	\$134,244	\$214,556	\$124,649	\$0	\$223,790
10-30-20-541-020	WU - Bill - Collection - Billing Costs	\$117,017	\$134,244	\$214,556	\$124,649	\$0	\$223,790
542-010	Public Relations - General	\$91,950	\$44,688	\$82,900	\$67,746	\$17,711	\$90,950
10-01-10-542-010	WU - Admin - Admin - Public Relations - General	\$91,950	\$44,688	\$82,900	\$67,746	\$17,711	\$90,950
542-020	Procurement Advertising	\$8,127	\$37,589	\$10,000	\$9,677	\$0	\$5,000
10-01-10-542-020	WU - Admin - Admin - Procurement Advertising	\$8,127	\$37,589	\$10,000	\$9,677	\$0	\$5,000
543-000	Communication Services	\$117,611	\$124,875	\$138,780	\$92,486	\$8,550	\$145,312
10-01-50-543-000	WU/Admin/PowerAndPump - Communication Services						\$0
10-02-10-543-000	WU - IT - Admin - Communication Services	\$74,341	\$108,046	\$91,696	\$79,112	\$8,550	\$87,828
10-02-50-543-000	WU - IT - PowerAndPump - Communication Services	\$43,270	\$16,778	\$47,084	\$13,374	\$0	\$57,484
10-40-50-543-000	WU - Ops - PowerAndPump - Communication Services	\$0	\$51	\$0	\$0	\$0	\$0

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		FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021-2022 Budget	FY 2021 - 2022 YTD Expensed Amount	Encumbered	FY 2022-2023 Proposed Budget
OPERATING EXPENSES (Detail)							
544-000	Freight and Postage	\$2,152	\$3,482	\$4,600	\$154,164	\$0	\$11,000
10-01-10-544-000	WU - Admin - Admin - Freight and Postage	\$1,412	\$2,070	\$3,100	\$2,000	\$0	\$5,000
10-02-10-544-000	WU - IT - Admin - Freight and Postage	\$0	\$1,000	\$0	\$248	\$0	\$0
10-20-10-544-000	WU - Eng - Admin - Freight and Postage	\$0	0.00%	0	150,800	\$0	\$3,000
10-10-40-544-000	WU - Qual - Purification - Freight and Postage	\$740	\$412	\$1,500	\$1,116	\$0	\$3,000
545-000	Rentals and Leases	\$65,845	\$73,601	\$134,100	\$84,064	\$11,598	\$153,600
10-01-10-545-000	WU - Admin - Admin - Rentals and Leases	\$21,171	\$22,230	\$50,900	\$38,889	\$0	\$67,100
10-02-10-545-000	WU - IT - Admin - Rentals and Leases	\$22,380	\$18,376	\$33,200	\$36,446	\$2,908	\$36,500
10-40-60-545-000	WU - Ops - TandD - Rentals and Leases	\$22,294	\$32,995	\$50,000	\$8,729	\$8,690	\$50,000
546-000	Insurance	\$99,701	\$96,703	\$5,000	\$2,080	\$0	\$130,000
10-01-10-546-000	WU - Admin - Admin - Insurance	\$99,701	\$96,703	\$5,000	\$2,080	\$0	\$130,000
547-000	County Service Charge	\$2,174,298	\$2,201,634	\$2,174,298	\$1,834,695	\$0	\$2,201,634
10-00-10-547-000	WU - County Service Charge	\$2,174,298	\$2,201,634	\$2,174,298	\$1,834,695	\$0	\$2,201,634
551-000	Utility Services	\$2,425,709	\$2,502,528	\$2,863,878	\$2,360,681	\$0	\$3,147,500
10-01-10-551-000	WU - Admin - Admin - Utility Services	\$114,165	\$141,797	\$171,500	\$119,114	\$0	\$179,800
10-40-50-551-000	WU - Ops - PowerAndPump - Utility Services	\$2,311,544	\$2,360,731	\$2,700,000	\$2,241,568	\$0	\$2,967,700
560-000	Repairs and Maintenance - Water System	\$308,397	\$45,935	\$211,000	\$177,917	\$237,045	\$360,000
10-40-50-501-000	W/U - Ops - Powerand Pump - Emergency Repairs	\$1,641	\$0	\$0	\$0	\$0	\$0
10-40-50-560-000	WU - Ops - Source - Repairs and Maintenance - Water System	\$57,480	\$17,678	\$40,000	\$16,173	\$4,107	\$40,000
10-40-60-560-000	WU - Ops - TandD - Repairs and Maintenance - Water System	\$249,276	\$28,257	\$171,000	\$161,744	\$232,938	\$320,000
561-000	Repairs and Maintenance - Other than Water System	\$500,203	\$461,944	\$1,077,300	\$339,032	\$228,144	\$1,334,489
10-01-10-561-000	WU - Admin - Admin - Repairs and Maintenance - Other than Water System	\$1,641	\$10,550	\$0	\$0	\$0	\$0
10-02-10-561-000	WU - IT - Admin - Repairs and Maintenance - Other than Water System	\$386,466	\$233,733	\$547,100	\$173,349	\$160,530	\$834,489
10-10-40-561-000	WU - Qual - Purification - Repairs and Maintenance - Other than Water System	\$3,624	\$9,144	\$4,000	\$1,116	\$0	\$0
10-20-10-561-000	WU - Eng - Admin - Repairs and Maintenance - Other than Water System	\$0	\$0	\$0	\$0	\$0	\$5,000
10-21-40-561-000	WU - Const - Admin - Repairs and Maintenance - Other than Water System	\$0	\$0	\$0	\$6,091	\$0	\$0
10-22-10-561-000	WU - Plan - Admin - Repairs and Maintenance - Other than Water System	\$0	\$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	\$0
10-31-10-561-000	WU - Acctg - Admin - Repairs and Maintenance - Other than Water System	\$0	\$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	\$158,475	\$67,615	\$495,000
562-000	Office Supplies	\$11,901	\$17,869	\$22,000	\$14,283	\$752	\$29,000
10-01-10-562-000	WU - Admin - Admin - Office Supplies	\$0	\$0	\$0	\$0	\$0	\$0
10-31-10-562-000	WU - Accounting - Admin - Office Supplies	\$11,901	\$17,869	\$22,000	\$14,283	\$752	\$29,000
563-000	Operating Supplies	\$884,929	\$979,530	\$936,220	\$789,682	\$189,754	\$642,380
10-01-10-563-000	WU - Admin - Admin - Operating Supplies	\$5,905	\$4,493	\$5,000	\$11,842	\$0	\$10,000
10-02-10-563-000	WU - IT - Admin - Operating Supplies	\$32,279	\$78,158	\$58,000	\$30,733	\$21,452	\$53,000
10-10-40-563-000	WU - Qual - Purification - Operating Supplies	\$13,225	\$13,553	\$15,000	\$0	\$0	\$0
10-20-10-563-000	WU - Eng - Admin - Operating Supplies	\$0	\$0	\$300	\$6,091	\$0	\$26,000
10-21-10-563-000	WU - Const - Admin - Operating Supplies	\$1,637	\$31,099	\$4,500	\$0	\$0	\$0
10-22-10-563-000	WU - Plan - Admin - Operating Supplies	\$162	\$2,453	\$1,000	\$13,114	\$3,690	\$0
10-30-20-563-000	WU - Bill - Collection - Operating Supplies	\$4,323	\$6,212	\$4,500	\$11,634	\$1,421	\$6,500
10-31-10-563-000	WU - Acctg - Admin - Operating Supplies	\$992	\$1,432	\$3,000	\$4,534	\$107	\$4,000
10-40-30-563-000	WU - Ops - Source - Operating Supplies	\$86,811	\$63,026	\$60,000	\$50,444	\$106	\$60,000
10-40-40-563-000	WU - Ops - Purification - Operating Supplies	\$98,154	\$125,011	\$101,920	\$79,260	\$0	\$152,880

Operating Expense Detail

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		FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021-2022 Budget	FY 2021 - 2022 YTD Expensed Amount	Encumbered	FY 2022-2023 Proposed Budget
OPERATING EXPENSES (Detail)							
10-40-50-563-000	WU - Ops - PowerAndPump - Operating Supplies	\$69,278	\$90,508	\$35,000	\$30,354	\$6,655	\$35,000
10-40-60-563-000	WU - Ops - TandD - Operating Supplies	\$560,290	\$563,586	\$255,000	\$241,940	\$34,453	\$275,000
10-40-50-563-010	WU - Ops - PowerAndPump - Operating Supplies - Invty. Stock	\$11,873	\$0	\$15,000	\$81,666	\$14,995	\$20,000
10-40-60-563-010	WU - Ops - TandD - Operating Supplie - Invty. Stock	\$0	\$0	\$378,000	\$228,069	\$106,875	\$0
564-000	Fuel	\$105,941	\$101,759	\$122,500	\$123,551	\$1,176	\$175,000
10-40-60-564-000	WU - Ops - TandD - Fuel	\$105,941	\$101,759	\$122,500	\$123,551	\$1,176	\$175,000
565-000	Bulk Water Purchase	\$1,546,547	\$4,054,076	\$1,820,176	\$1,356,684	\$3,082	\$1,918,185
10-40-30-565-000	WU - Ops - Source - Bulk Water Purchase (Reclass)	\$1,546,547	\$4,054,076	\$1,820,176	\$1,356,684	\$3,082	\$1,918,185
10-40-60-565-000	WU - Ops - TandD - Bulk Water Purchase	\$0	\$0	\$0	\$0	\$0	\$0
570-010	Books, Publications, Subscriptions, and Memberships	\$21,328	\$33,689	\$27,630	\$18,772	\$3,690	\$29,980
10-01-10-570-010	WU - Admin - Admin - Books, Publications, Subscriptions, and Memberships	\$19,441	\$20,676	\$21,270	\$5,692	\$0	\$23,370
10-02-10-570-010	WU - IT - Admin - Books, Publications, Subscriptions, and Memberships	\$962	\$12,178	\$500	\$0	\$0	\$500
10-10-40-570-010	WU - Qual - Purification - Books, Publications, Subscriptions, and Memberships	\$0	\$0	\$0	\$0	\$0	\$0
10-20-10-570-010	WU - Eng - Admin - Books, Publications, Subscriptions, and Memberships	\$0	\$0	\$0	\$169	\$895	\$5,000
10-21-10-570-010	WU - Const - Admin - Books, Publications, Subscriptions, and Memberships	\$775	\$685	\$650	\$10,568	\$2,010	\$0
10-22-10-570-010	WU - WRP - Admin - Books, Publications, Subscriptions, and Memberships	\$0	\$0	\$3,900	\$2,193	\$785	\$0
10-30-20-570-010	WU - Bill - Collection - Books, Publications, Subscriptions, and Memberships	\$0	\$0	\$350	\$0	\$0	\$300
10-31-10-570-010	WU - Acctg - Admin - Books, Publications, Subscriptions, and Memberships	\$150	\$150	\$760	\$150	\$0	\$810
10-40-60-570-010	WU - Ops - TandD - Books, Publications, Subscriptions, and Memberships	\$0	\$0	\$0	\$0	\$0	\$0
570-020	Books, Publications, Subscriptions, and Memberships - Board	\$300	\$75	\$595	\$227	\$0	\$600
10-01-10-570-020	WU - Admin - Admin - Books, Publications, Subscriptions, and Memberships - B	\$300	\$75	\$595	\$227	\$0	\$600
571-010	Training and Development	\$38,964	\$41,147	\$85,650	\$49,821	\$241	\$89,100
10-01-10-571-010	WU - Admin - Admin - Training and Development	\$11,933	\$1,678	\$26,500	\$2,897	\$241	\$15,500
10-02-10-571-010	WU - IT - Admin - Training and Development	\$1,806	\$39	\$2,000	\$626	\$0	\$6,600
10-10-40-571-010	WU - Qual - Purification - Training and Development	\$60	\$0	\$1,600	\$2,278	\$0	\$5,000
10-20-10-571-010	WU - Eng - Admin - Training and Development	\$375	\$0	\$500	\$184	\$0	\$26,000
10-21-10-571-010	WU - Const - Admin - Training and Development	\$1,639	\$0	\$3,300	\$0	\$0	\$0
10-22-10-571-010	WU - Plan - Admin - Training and Development	\$1,100	\$18,653	\$18,000	\$987	\$0	\$0
10-30-20-571-010	WU - Bill - Collection - Training and Development	\$0	\$0	\$3,000	\$0	\$0	\$3,000
10-31-10-571-010	WU - Acctg - Admin - Training and Development	\$187	\$3,388	\$5,750	\$1,764	\$0	\$3,000
10-40-60-571-010	WU - Ops - TandD - Training and Development	\$21,864	\$17,389	\$25,000	\$41,085	\$0	\$30,000
572-010	Travel and Per Diem	\$47,076	\$0	\$59,900	\$11,940	\$0	\$163,100
10-01-10-572-010	WU - Admin - Admin - Travel and Per Diem	\$31,341	\$0	\$59,900	\$7,637	\$0	\$53,130
10-02-10-572-010	WU - IT - Admin - Travel and Per Diem	\$0	\$0	\$0	\$0	\$0	\$15,000
10-20-10-572-010	WU - Eng - Admin - Travel and Per Diem	\$225	\$0	\$0	\$1,291	\$0	\$65,250
10-21-10-572-010	WU - Const - Admin - Travel and Per Diem	\$2,195	\$0	\$0	\$1,824	\$0	\$0
10-22-10-572-010	WU - Plan - Admin - Travel and Per Diem	\$5,888	\$0	\$0	\$0	\$0	\$0
10-30-20-572-010	WU - Bill - Collection - Travel and Per Diem	\$1,809	\$0	\$0	\$0	\$0	\$5,000
10-31-10-572-010	WU - Acc - Admin - Travel and Per Diem	\$212	\$0	\$0	\$214	\$0	\$5,720
10-40-40-572-010	WU - Ops - Purification - Travel and Per Diem						
10-40-50-572-010	WU - Ops - PowerAndPump - Travel and Per Diem						
10-40-60-572-010	WU - Ops - TandD - Travel and Per Diem	\$5,406	\$0	\$0	\$975	\$0	\$19,000
572-020	Travel and Per Diem - Board	\$0	\$0	\$7,280	\$0	\$0	\$13,250
10-01-10-572-020	WU - Admin - Admin - Travel and Per Diem - Board	\$0	\$0	\$7,280	\$0	\$0	\$13,250

Operating Expense Detail

		FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021-2022 Budget	FY 2021 - 2022 YTD Expensed Amount	Encumbered	FY 2022-2023 Proposed Budget
OPERATING EXPENSES (Detail)							
573-010	Meeting Expense	\$13,067	\$1,625	\$22,200	\$6,478	\$0	\$42,170
10-01-10-573-010	WU - Admin - Admin - Meeting Expense	\$8,987	\$1,625	\$17,500	\$4,654	\$0	\$16,970
10-02-10-573-010	WU - IT - Admin - Meeting Expense	\$0	\$0	\$0	\$0	\$0	\$8,000
10-20-10-573-010	WU - Eng - Admin - Meeting Expense	\$0	\$0	\$200	\$0	\$0	\$16,000
10-21-10-573-010	WU - Const - Admin - Meeting Expense	\$2,200	\$0	\$0	\$0	\$0	\$0
10-22-10-573-010	WU - WRP - Admin - Meeting Expense	\$880	\$0	\$4,500	\$1,824	\$0	\$0
10-30-20-573-010	WU - Bill - Collection - Meeting Expense	\$0	\$0	\$0	\$0	\$0	\$600
10-31-10-573-010	WU - Acctg - Admin - Meeting Expense	\$0	\$0	\$0	\$0	\$0	\$600
10-40-60-573-010	WU - Ops - TandD - Meeting Expense	\$1,000	\$0	\$0	\$0	\$0	\$0
573-020	Meeting Expense - Board	\$1,037	\$301	\$2,000	\$1,527	\$0	\$6,500
10-01-10-573-020	WU - Admin - Admin - Meeting Expense - Board	\$1,037	\$301	\$2,000	\$1,527	\$0	\$6,500
582-000	Interest Expense	\$2,126,288	\$2,949,517	\$2,860,863	\$2,288,951	\$571,912	\$2,619,332
10-00-00-582-000	WU - Interest Expense	\$2,126,288	\$2,949,517	\$2,860,863	\$2,288,951	\$571,912	\$2,619,332
Water Utility Fund Bond and Loan Repayment		\$5,031,869	\$5,160,541	\$5,170,095	\$5,119,727	\$50,367	\$4,961,483
682-000	Debt Principal Repayment	\$5,031,869	\$5,160,541	\$5,170,095	\$5,119,727	\$50,367	\$4,961,483
10-00-00-682-000	WU - Debt Principal Repayment	\$5,031,869	\$5,160,541	\$5,170,095	\$5,119,727	\$50,367	\$4,961,483
Water Utility Fund - Non Cash Operating Expenses		\$7,190,080	\$7,109,742	\$7,900,803	\$5,833,822	\$0	\$7,350,379
10-00-90-580-000	WU - Depreciation - Depreciation	\$7,000,563	\$6,906,157	\$7,190,082	\$5,739,332	\$0	\$7,190,082
10-00-90-581-000	WU - Depreciation - Amortization	\$231,449	\$235,859	\$752,653	\$138,568	\$0	\$235,859
10-00-90-582-000	WU - Bond Inflows & Outflows	-\$41,932	-\$32,274	-\$41,932	-\$44,078	\$0	-\$75,562

Misc. Capital Outlay

		FY 2019- 2020 Actual	FY 2020- 2021 Actual	FY 2021- 2022 Budget	FYTD Expensed Amount	Encumbered Amount	Proposed Budget FY 2022- 2023
CAPITAL Outlay (New Appropriations)		\$799,458	\$922,327	\$1,648,700	\$400,977	\$641,199	\$6,234,397
Water Utility Fund (Misc. Capital Purchases - Replacement)		\$675,928	\$467,965	\$628,700	\$346,264	\$535,894	\$5,491,897
10-01-00-604-999	WU-Admin-RandR Capital Purchases	\$0	\$0	\$0	\$0	\$0	\$0
10-02-00-604-999	WU-IT-RandR Capital Purchases	\$126,578	\$46,325	\$179,000	\$10,900	\$61,476	\$2,105,000
10-10-40-604-999	WU-Qual-Purification-RandR Capital Purchases	\$35,695	\$0	\$0	\$0	\$0	\$0
10-20-00-604-999	WU-Eng/Admin/Capital Purchases	\$0	\$0	\$0	\$0	\$0	\$20,000
10-21-00-604-999	WU-Const/Admin/Capital Purchases	\$0	\$1,217	\$200	\$0	\$0	\$0
10-30-00-604-999	WU-Fiscal-RandR Capital Purchases	\$0	\$0	\$50,000	\$12,823	\$60,897	\$60,897
10-40-00-604-999	WU-Ops-RandR Capital Purchases	\$513,655	\$420,423	\$399,500	\$322,542	\$413,520	\$3,306,000
Water Utility Fund (Misc. Capital Purchases - New)		\$123,530	\$454,362	\$1,020,000	\$54,713	\$105,305	\$742,500
10-01-00-605-999	WU-Admin-RandR Capital Purchases	\$0	\$0	\$0	\$0	\$0	\$0
10-02-00-605-999	WU-IT-Expansion Capital Purchases	\$32,499	\$50,980	\$120,000	\$41,988	\$3,225	\$72,000
10-10-40-605-999	WU-Qual-Expansion Capital Purchases	\$0	\$0	\$0	\$0	\$0	\$0
10-20-00-605-999	WU-Eng/Admin/Capital Purchases	\$0	\$0	\$0	\$0	\$0	\$0
10-21-00-605-999	WU-Cons/Admin/Capital Purchases	\$0	\$0	\$10,000	\$0	\$0	\$0
10-30-00-605-999	WU-Fiscal-RandR Capital Purchases	\$0	\$0	\$775,000	\$0	\$0	\$0
10-31-00-605-999	WU-Const/Admin/Capital Purchases	\$0	\$0	\$0	\$0	\$0	\$0
10-40-00-605-999	WU-Ops-Expansion Capital Purchases	\$91,031	\$403,382	\$115,000	\$12,725	\$102,080	\$670,500

New Capital Outlay

		FY 2019- 2020 Actual	FY 2020- 2021 Actual	FY 2021- 2022 Budget	FY 2021- 2022 Expensed as of 4/30/22	Encumbrance Amount	Proposed Budget FY 2022- 2023
CAPITAL OUTLAY - CIP (New Appropriations)		\$4,114,217	\$2,861,189	\$46,510,000	\$108,512	\$11,644,011	\$44,599,938
Water Utility Fund (Capital Outlay - Rehabilitation & Replacement- Design)		\$166,636	\$156,271	\$0	\$28,917	\$768,475	\$2,100,000
10-20-00-604-001	WU-Eng-ALLR-KW-07 Paua Valley Tank Repair	\$5,618	\$0	\$0	\$0	\$17,270	\$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	\$28,579	\$108,491	\$100,000
10-20-00-604-149	WU-Eng-Kuhio Hwy (N. Papaloa to Waikaea Canal) Main Replace (RR 56%)	\$0	\$0	\$0	\$0		\$500,000
10-20-00-604-157	WU-Kilauea Wells MCC rehab	\$0	\$0	\$0	\$338	\$66,864	\$0
10-20-00-604-160	WU-Job 18-02 Islandwide Rehabilitation of Tanks	\$66,928	\$0	\$0	\$0	\$346,218	\$0
10-20-00-604-162	WU-Eng-17-13 & 14, Engineering Services for Islandwide Vulnerability and Resiliency Assessment.	\$0	\$130,388	\$0			\$0
10-20-00-604-164	WU-Eng-Job. 18-9 Makaleha Tunnel					\$229,632	
10-20-00-604-169	Baseyard MP Ph 1	\$0	\$17,735	\$0			\$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 (Misc. Capital Purchases - Expansion)		\$0	\$0	\$200,000	\$0	\$125,000	\$0
10-20-00-605-017	18" Cane Haul Road Main						
10-20-00-605-xxx	Kuhio Hwy (Hardy-Oxford) 16" Main replacement (EXP 44% of \$150K)						
10-20-00-605-xxx	Kilauea 1.0 MG tank (EXP 90%)						
10-20-00-605-117	UH Experiment Station Tank			\$200,000			\$0
10-20-00-605-139	WU-Eng-ALLE-02-11 M-02 100K Tank & Pipeline Moloaa					\$125,000	\$0
Water Utility Fund/Const/R&R & Exp		\$860,742	\$2,661,668	\$2,500,000	\$61,988	\$8,956,202	\$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		\$2,546,002	\$0
10-21-00-604-001	Paua Valley Tank Repair	\$0	\$107,541	\$0	\$61,988	\$2,210,848	\$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	Kukuiofono Tank Demo	\$0	\$0	\$1,100,000	\$0	\$400,016	\$0
10-21-00-604-XXX	Manoa Stream WL Emergency Repairs			\$500,000			
10-21-00-604-XXX	Makaleha WL Emergency Repairs			\$500,000			
10-21-00-605-017	Job 16-02 PLH-35B Kapaia Cane Haul Rd 18" Main	\$0	\$0	\$0	\$0	\$3,195,675	\$0
10-21-00-605-118	Job 02-14 WK39 WK08 Kapaa Hmstd Well 4; Pkg A Well	\$0	\$0	\$0	\$0	\$603,661	\$0
Water Utility Fund (Capital Outlay - Rehabilitation & Replacement- Operations)		\$816,226	\$0	\$1,450,000	\$0	\$20,714	\$1,099,938
10-40-00-604-166	SWTP - Water Treatment Delivery Agreement with Grove Farm - R&R	\$816,226	\$0	\$0			
10-40-00-604-171	Replace Submersible Pump			\$150,000		\$20,714	
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

New Capital Outlay

		FY 2019- 2020 Actual	FY 2020- 2021 Actual	FY 2021- 2022 Budget	FY 2021- 2022 Expensed as of 4/30/22	Encumbrance Amount	Proposed Budget FY 2022- 2023
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			\$600,000			\$699,938
10-40-00-605-XXX	DOW Baseyard Phase I						\$0
FRC Fund (Capital Projects - Expansion - Design)		\$31,033	\$0	\$860,000	\$0	\$396,168	\$1,400,000
20-20-00-605-117	UH Experiment Station Tank - land acquisition	\$0	\$0	\$0	\$0	\$26,832	\$300,000
20-20-00-605-118	Develop Kapaa Well No. 4 site improvements (production well)	\$31,033	\$0	\$700,000	\$0	\$56,709	\$700,000
20-20-00-605-120	FRC-Eng-Kilauea 1.0 MG tank (EXP 90%)	\$0	\$0	\$0	\$0	\$7,212	\$0
20-20-00-605-153	FRC-Eng-Haena 0.2 MG tank	\$0	\$0	\$0	\$0	\$8,175	\$0
20-20-00-605-154	FRC-Eng-Drill and Test Kilauea Well #3 (EXP)	\$0	\$0	\$0	\$0	\$297,240	\$0
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
FRC Fund (Capital Projects - Expansion - Construction)		\$0	\$0	\$400,000	\$0	\$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	\$0
30-21-00-604-107	BAB-Cns-ALLR-XX-YY KP-09-MCC Chlor KoloaWell16-A,E	\$44,514	\$0	\$0	\$0		\$0
Bond Fund (Capital Projects: Design) R&R/Expansion		\$67,911	\$0	\$0	\$17,608	\$278,372	\$0
30-20-00-604-105	BAB-Eng-ALLR-09-01 K-01 Kalaheo 1111FT & 1222FT	\$67,911	\$0	\$0	\$5,326	\$42,171	\$0
30-20-00-605-116	BAB-Eng-WK-08-Kapaa Homestead Tank (Ornellas)				\$12,281	\$65,822	
30-20-00-605-120	BAB-Eng-ALLE-02-06WKK15-Kilauea 466 Tank Puu Pane					\$22,649	
30-20-00-605-125	BAB-Eng-98%E-02-01 Land for Kukuilono Tank Site					\$53,508	
30-20-00-605-139	BAB-Eng-ALLE-Moloaa Tank Site Acquisition	\$0	\$0	\$0	\$0	\$94,222	\$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	\$0	\$1,099,078	\$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	\$0	\$7,428	\$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	\$1,091,650	\$500,000
Grant Fund (Capital Projects - R&R - Construction)		\$0	\$0	\$2,600,000	\$0	\$0	\$0
40-21-00-604-157	Kilauea 1&2 MCC (Eng. Est. \$4.5M)			\$2,600,000			\$0

New Capital Outlay

		FY 2019- 2020 Actual	FY 2020- 2021 Actual	FY 2021- 2022 Budget	FY 2021- 2022 Expensed as of 4/30/22	Encumbrance Amount	Proposed Budget FY 2022- 2023
Grant Fund (Capital Projects - Expansion - Construction)		\$0	\$0	\$14,700,000	\$0	\$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	\$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	\$ 26,612,049	\$ 60,195,936	\$ 60,010,210	\$ 60,857,271
10-00-00-400-000	WU/Water Sales	\$ 26,672,943	\$ 25,320,900	\$ 25,022,600	\$ 23,935,116	\$ 30,578,458	\$ 30,392,732	\$ 31,239,793
10-00-00-405-000	WU/Revenue from Public Fire Protection	\$ 2,174,298	\$ 2,201,634	\$ 2,174,298	\$ 1,834,695	\$ 2,201,634	\$ 2,201,634	\$ 2,201,634
10-00-00-410-000	WU/Other Water Revenue	\$ 140,291	\$ 163,083	\$ 300,000	\$ 103,598	\$ 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	\$ 470,554	\$ 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	\$ 232,860	\$ 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	\$ 34,894	\$ 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	\$ 871,761	\$ 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	\$ 670,095	\$ 800,000	\$ 800,000	\$ 800,000
20-00-00-440-000	WU/Capital Contributions - Cash Receipts (BAB Subsidy)	\$ 242,888	\$ 243,107	\$ 240,291	\$ 201,666	\$ 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	\$ (327,910)	\$ 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)	\$ (456,044)	\$ (30,000)	\$ (30,000)	\$ (30,000)
30-00-00-461-000	BAB/Investment Income	\$ 158,587	\$ 161,337	\$ 65,000	\$ 128,135	\$ 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 4/30/2022

FY 2022 - 2023 Water Sales Projection

WU/Water Sales

Estimated Water Sales - FY 2022- 2023 (see Sch. 1)		29,122,341
Estimated Water Sales Increase (growth projection)	5%	1,456,117
Estimated Power Cost Adjustment (\$0.0 pending approved water rate study)	-	-
Projected Water Sales FY 2022-2023	0	30,578,458

Sch. 1

Year To Date Water Sales (7months)

July, 2021 to April, 2022 (Actual)	82%	\$	23,935,116
May to June, 2022	18%		5,187,225
Estimated Annual	100%	\$	29,122,341
			29,122,341

Metered Consumption - in million gallons (MG)	FY 2019	FY 2020	FY 2021	FY 2022		MG Increase/ (Decrease)	% Increase/ (Decrease)
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	328.025		66	25.3%
April	327.707	255.907	257.424	341.536	82%	84	32.7%
May	339.334	287.749	294.870	347.202		52	17.7%
June	322.526	378.527	330.224	388.830	18%	59	17.7%
Note: May to June , 2022 were estimated using the average % of increase/decrease.							
	3,865.433	3,812.097	3,518.313	4,132.264	100%		
Annual Increase (decrease)		(53.336)	(293.784)	613.951		46	17.7%
Equivalent rate increase (decrease)		-1.4%	-7.7%	17.5%			
Ave mo. Usage		317.675	293.193	344.355			

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	\$	2,353,168	\$ 460,031	24.3%	
April	\$	1,860,315	\$	1,839,632	\$	2,460,888	\$ 621,256	33.8%	16.72%
May	\$	2,045,570	\$	2,104,150	\$	2,412,122	\$ 307,972	14.6%	
June	\$	2,384,480	\$	2,582,137	\$	2,412,122	\$ (170,016)	-6.6%	
	\$	27,003,941	\$	25,449,354	\$	28,945,459	\$ 3,496,105	175%	

Ave. mo. billed revenues	\$	2,250,328	\$	2,120,780	\$	2,412,122	
Estimated twelve-month revenues, using the monthly average					\$	28,945,459	
Add 5% estimated increase					\$	1,447,273	
Estimated Water Sales					\$	30,392,732	Option 2

Actual Receipts, July to April, 2022	\$	24,121,216	
Estimated two-month revenues, assumed 16.7% increase based on the 10 month average increase.	\$	5,630,968	
Add 5% estimated increase	\$	1,487,609	
Estimated 12 Month Revenues, using the average % of billed revenues decrease	\$	31,239,793	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	Fun d	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
					See attached for General Obligation Bond Fund details				9,850,000	00
					MOF: C					
					See attached for County Fund details				9,850,000	00
					MOF: S					
GRAND TOTAL									19,700,000	.00

CC: DAGS - ACCOUNTING DIVISION
BUDGET & FINANCE/BPMD

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

Administration Division

Program Budget - FY 2022 – 2023

Administration Division:

Under the Manager and Chief Engineer, the administrative staff includes (15) positions budgeted for FY22-23. The Administration Division is responsible for the day-to-day management of the Department and coordination between the DOW and the public, including customers, governmental organizations, and public inquiries; personnel management; contract management; management of Board affairs; and providing service to, and oversight of the operation of each of the four (4) divisions.

Program Description:

Administration leads, directs, and manages the activities of the Department and provides administrative support for all divisions including personnel services, clerical support, legal support, community relations, training, and safety; intergovernmental coordination with Federal, State and County agencies; and coordination of strategic, long-range planning and Department programs and activities among the divisions.

Program Objectives:

- a. Provide support for the Board of Water Supply (BWS) - County of Kauai (COK), and to manage, control, and operate the waterworks of the County, and all Department property thereof; adoption of DOW's budget and establishment of water service rates and charges; and facilitate development and implementation of administrative rules and Board policies.
- b. Administer the Department's staff and provide support for the operating divisions, through provision of clerical, personnel, legal and information and educational services; coordination of Department-wide programs; establishing goals, objectives, and assignments for the operating divisions; and providing operational financial and procurement oversight for the Divisions.
- c. Provide leadership for the Department's community relations and intergovernmental coordination with other federal, state, and county agencies.
- d. Coordinate Department-wide initiatives and programs, including long range planning, development of business and capital improvement program strategies, staff and organizational development, water system security and adoption, and integration of innovative technologies.
- e. Communicate internal outreach to employees during staff and leadership meetings to ensure all employees are aware of new or amended rules and regulations as well as various matters that require staff attention.

- f. Develop, manage, and produce public information, conservation programs and community outreach initiatives. This involves detailed coordination of community events, presentations, and media advertising platforms that highlight DOW in a positive and professional way.
- g. The Department's Administrative support team is comprised of the Private Secretary, Commission Support Clerk, Program Support Technician, and Senior Clerk, along with Public Relations and Human Resources. This team provides clerical or administrative support throughout all divisions.

Program Highlights/Projects:

- a. The DOW continues to work on Water Plan 2020 (WP2020) projects while staff develops the new Water Systems Investment Plan (WISP).
- b. Public outreach and participation in local and national water campaigns to promote conservation and environmental education, including sponsoring Project WET (Water Education Today), and coordination of the Make-A-Splash Festival (MAS). These programs provide opportunities to develop and maintain valuable partnerships within schools, state agencies and other organizations that help expand the Department's outreach beyond its customer base. These programs provide opportunities to develop and maintain valuable partnerships within schools, state agencies and other organizations that help expand the Department's outreach beyond its customer base.
- c. The DOW continues to develop and manage its public informational programs and marketing materials to educate current customers through a variety of marketing materials, community meetings, programs, and the use of both traditional and alternative media platforms, such as brochures, website updates, use of social media and establishes media relations to disseminate essential information, customer service announcements and issue emergency notices.
- d. The DOW continues to work with and support the Kaua'i Watershed Alliance (KWA), an organization for mauka landowners dedicated to watershed conservation and management. The KWA has hired The Nature Conservancy of Hawai'i (TNC) as the coordinator for the Alliance. The Department, while not a landowner, is a member of the Alliance and continues to financially support the conservation goals and efforts of this group in recognition of the critical importance of the watershed for maintenance and enhancement of the water resources of the island.
- e. In December of 2021, the Manager completed a 90-day work culture assessment. The manager offered Goals and Initial Key Performance Indicators (KPI's) to be derived through new DOW Benchmarks for the remainder of FY 2021- 2022, with adoption of FY22-23 goals and benchmarks by mid 2022.

Account	Description	2019-2020 Actuals	2020-2021 Actual	2021-2022 Budget	2021-2022 YTD Expensed Amount	Encumbered Amount	2022-2023 Budget
Water Utility Fund							
10-01-10-540-010	WU/Admin/Admin/Professional Services - General	\$ 199,852	\$ 87,917	\$ 305,300	\$ 57,843	\$ 21,362	\$ 406,500
10-01-10-542-010	WU/Admin/Admin/Public Relations	\$ 91,950	\$ 44,688	\$ 82,900	\$ 67,746	\$ 17,711	\$ 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	\$ 2,000	\$ -	\$ 5,000
10-01-10-545-000	WU/Admin/Admin/Rentals and Leases	\$ 21,171	\$ 22,230	\$ 50,900	\$ 38,889	\$ -	\$ 67,100
10-01-10-546-000	WU/Admin/Admin/Insurance	\$ 99,701	\$ 96,703	\$ 5,000	\$ 2,080	\$ -	\$ 130,000
10-01-10-551-000	WU/Admin/Admin/Utility Services	\$ 114,165	\$ 141,797	\$ 171,500	\$ 119,114	\$ -	\$ 179,800
10-01-10-563-000	WU/Admin/Admin/Operating Supplies	\$ 5,905	\$ 4,493	\$ 5,000	\$ 11,842	\$ -	\$ 10,000
10-01-10-570-010	WU/Admin/Admin/Books, Publications, Subscriptions, and Memberships	\$ 19,441	\$ 20,676	\$ 21,270	\$ 5,692	\$ -	\$ 23,370
10-01-10-570-020	WU/Admin/Admin/Books, Publications, Subscriptions, and Memberships - Bo	\$ 300	\$ 75	\$ 595	\$ 227	\$ -	\$ 600
10-01-10-571-010	WU/Admin/Admin/Training and Development	\$ 11,933	\$ 1,678	\$ 26,500	\$ 2,897	\$ 241	\$ 15,500
10-01-10-572-010	WU/Admin/Admin/Travel and Per Diem	\$ 31,341	\$ -	\$ 59,900	\$ 7,637	\$ -	\$ 53,130
10-01-10-572-020	WU/Admin/Admin/Travel and Per Diem - Board	\$ -	\$ -	\$ 7,280	\$ -	\$ -	\$ 13,250
10-01-10-573-010	WU/Admin/Admin/Registration and Meeting Expense	\$ 8,987	\$ 1,625	\$ 17,500	\$ 4,654	\$ -	\$ 16,970
10-01-10-573-020	WU/Admin/Admin/Registration and Meeting Expense - Board	\$ 1,037	\$ 301	\$ 2,000	\$ 1,527	\$ -	\$ 6,500
	OPERATING EXPENSES	\$ 627,797	\$ 475,764	\$ 770,245	\$ 331,825	\$ 39,313	\$ 1,023,670
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	\$ 331,825	\$ 39,313	\$ 1,023,670
	SUMMARY OF CAPITAL PURCHASES	\$ 57,789	\$ -	\$ -	\$ -	\$ -	\$ -
	OPERATING EXPENSES PLUS CAPITAL OUTLAY	\$ 685,586	\$ 475,764	\$ 770,245	\$ 331,825	\$ 39,313	\$ 1,023,670

TOTAL:		WU/Admin/Admin/Professional Services - General	\$ 135,925	\$ 87,917	\$ 305,300	\$ 57,843	\$ 21,362	\$ 406,500
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY2022-2023 Proposed Budget	
Special Counsel				\$ 25,000	..		\$ 25,000	
Legislative Liaison	Pursue Federal/State Funding Opportunities			\$ 40,000			\$ 40,000	
Leadership Kaua'i Training	moved to training & development			\$ 4,000			\$ -	
Professional Interpreter & Facilitator	for Public meetings			\$ 500			\$ -	
Financial Strategy & Planning	To assist DOW develop Financial Policies on Financial Planning, Capital Improvement Planning and Prioritization, Debt Issuance and Development of a Capital & Operating Expenditures Budget			\$ -			\$ 150,000	
HR Related Services	Drug & Alcohol Medical Testing			\$ 800			\$ 1,500	
Safety Program	Professional review			\$ 75,000			\$ 5,000	
Arbitration	Arbitrator's fees			\$ 10,000			\$ 10,000	
Litigation Costs	Pending matters			\$ -			\$ -	
Document Scanning	Document scanning			\$ 150,000			\$ 100,000	
Investigative Services	Personnel related tasks						\$ 75,000	

General Expenses - Admin

TOTAL:	WU/Admin/Admin/Other Services - General	\$ 1,966	\$ 3,371	\$ 1,500	\$ -	\$ -	\$ -
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY2022-2023 Proposed Budget
Alarm Service	moved to ops			\$ 1,500			\$ -
Solid Waste Disposal Services	Garden Island Disposal			\$ -			\$ -

TOTAL:	WU/Admin/Admin/Public Relations	\$78,061	\$44,688	\$82,900	\$ 67,746	\$17,711	\$90,950
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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			\$ -

General Expenses - Admin

TOTAL:	WU/Admin/Admin/Procurement Advertising	\$ -	\$ 37,589	\$ 10,000	\$ 9,677	\$ -	\$ 5,000
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY2022-2023 Proposed Budget
Publications	All Divisions - Legal Ads for Solicitation, Public Notices for Projects, Proposals for all Divisions including Board Notices			\$ 10,000			\$ 5,000

General Expenses - Admin

TOTAL: WU/Admin/Admin/Freight and Postage Services		\$ 2,113	\$ 2,070	\$ 3,100	\$ 2,000	\$ -	\$ 5,000
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY2022-2023 Proposed Budget
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	\$ 2,000		\$ 5,000
Bureau Copy Request				\$ 100			

General Expenses - Admin

TOTAL:		WU/Admin/Admin/Rentals and Leases	\$ 20,595	\$ 22,230	\$ 50,900	\$ 38,889	\$ -	\$ 67,100
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY2022-2023 Proposed Budget	
License Fee Agreement McBryde Trust	Kalaheo/Koloa Water System			\$ 20,000			\$ 20,200	
Lease Agreement with Grove Farm	Kōloa Wells 16 A, B, & E			\$ 30,900			\$ 30,900	
Grant of Easement - Na Aina Kai Botanical	Annual Lease - Easement for booster pump station on Wailapa						\$ 1,000	
Lease agreement storage units							\$ 15,000	

TOTAL: WU/Admin/Admin/Insurance		\$62,466	\$96,703	\$ 5,000	\$ 2,080	\$ -	\$130,000
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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			\$ 5,000
Insurance and Bonds	DOW's portion of the County's annual insurance premium for coverage in excess of \$1M deductible			\$ -			\$ 125,000
Workers Compensation Settlements	Workers Comp, etc			\$ -			\$ -

TOTAL:	WU/Admin/Admin/Utility Services	\$ 174,681	\$ 141,797	\$ 171,500	\$ 119,114	\$ -	\$ 179,800
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY2022-2023 Proposed Budget
Electricity	Front/Back Office & Microlab Building			\$ 160,000			\$ 168,000
Waste water	Puhi sewer & waste water			\$ 10,000			\$ 10,300
Solid Waste	Solid Waste Disposal			\$ 1,500			\$ 1,500

TOTAL:	WU/Admin/Admin/Repairs and Maintenance - Other than Water System	\$ 6,803		\$ -		\$ -
Line Item	Notes	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022-2023 Proposed Budget
Air Conditioning	Maintenance & Service Calls					
Elevator	Maintenance and Saftey Test Fees					

General Expenses - Admin

TOTAL:	WU/Admin/Admin/Operating Supplies	\$ 3,651	\$ 4,493	\$ 5,000	\$ 11,842	\$ -	\$ 10,000
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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			\$ 10,000

TOTAL:		WU/Admin/Admin/Books, Publications, Subscriptions, and Memberships	\$ 9,237	\$ 25,240	\$ 20,676	\$ 21,270	\$ 5,692	\$ -	\$ 23,370
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Budget	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY2022-2023 Proposed Budget	
AWWA Membership	Annual Membership Dues for the DOW		\$ 3,700		\$ 3,900			\$ 4,000	
Books and Subscriptions	Books for ALL DIVISIONS - Library, Subscriptions for TGI, STAR, ENR, Pacific Business News, HR, Manuals, Guide books, etc.		\$ 4,000		\$ 2,000			\$ 2,000	
Water Research Foundation	Annual Membership Dues for the DOW		\$ 10,000		\$ 8,000			\$ 8,000	
Hawaii State Bar Association	Annual Association Dues		\$ 550		\$ 550			\$ 550	
Hawaii Rural Water Association	Annual Membership Dues for the DOW		\$ 6,500		\$ 6,500			\$ 6,750	
SHRM	Society for Human Resource Management Membership Dues		\$ 270		\$ 100			\$ 360	
IPMA-HR	International Public Management Association for HR Membership Dues		\$ 220		\$ 220			\$ 160	
Contractor's Association of Kauai Membership	For 2 staff							\$ 1,550	

TOTAL:	WU/Admin/Admin/Books, Publications, Subscriptions, and Memberships - Board	\$ 450	\$ 75	\$ 595	\$ 227	\$ -	\$ 600
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY2022-2023 Proposed Budget
AWWA Membership	Individual Membership Dues for Board Members (7)			\$ 595			\$ 600

General Expenses - Admin

TOTAL:	WU/Admin/Admin/Training and Development	\$ 33,039	\$ 1,678	\$ 26,500	\$ 2,897	\$ 241	\$ 15,500
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY2022-2023 Proposed Budget
Seminars & Workshops	Training & educational workshops			\$ 20,000			\$ 5,000
Recognition Program	Service recognition, employee of the year & SOP 56			\$ 6,500			\$ 6,500
Leadership Training	the budget was moved from 540-010						\$ 4,000

TOTAL:		WU/Admin/Admin/Travel and Per Diem	\$ 26,873	\$ -	\$ 59,900	\$ 7,637	\$ -	\$ 53,130
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY2022-2023 Proposed Budget	
Legislature	Testimonies and Legislature Opening			\$ 2,500			\$ 1,160	
Water Security Advisory Group Act 172 Section 5	Manager & Chief Engineer or Designee			\$ 800			\$ -	
Fresh Water Council	Manager & Chief Engineer or Designee			\$ 800			\$ 1,160	
Water Loss Control Committee Act 169, SB2645	Manager & Chief Engineer or Designee			\$ 800			\$ -	
HRWA Quarterly Meetings	Manager & Chief Engineer or Designee						\$ 1,160	
AWWA Water Infrastructure Conference & Exposition	September 11-14, 2022 (Portland, OR) x 1						\$ 3,460	
AWWA Water Quality Technology Conference & Exposition	November 13-17, 2022 (Cincinnati, OH) x 1						\$ -	
AWWA North American Water Loss Conference & Exposition	December TBA, 2022 (TBA) x 1						\$ -	
AWWA/WEF Utility Management Conference	February TBA, 2023 (TBA) x 1						\$ 3,100	
HWWA Hawai'i Section Conference	All DOW - 2022 (Maui, HI) x 4 (postponed)						\$ -	
AWWA Hawaii HWEA Pacific Water Conference	All DOW - February TBA, 2023 (Honolulu, HI) x 4						\$ 2,350	
AWWA National Conference	All DOW - June 11-14 2023 (Toronto, Canada) x 2						\$ 6,920	
HRWA Conference	All DOW - May TBA 2023 (Hawai'i Island) x 6						\$ 6,360	
Project WET Conference	PR - August 8-11, 2022 (Spokane, Washington) x 1						\$ 3,400	
WaterSmart Innovations Conference & Expo	PR -October 2022 (Location TBA) x 1						\$ 2,380	
Government Social Media	PR - March 2023 (Location TBA) x 1						\$ 3,000	
Wahine Forum Conference	All DOW						\$ 2,100	
Administrative Conference	x 4						\$ 6,920	
IMLA Conference	CA - October 19-23 2022 (Portland, OR) x 1						\$ 2,020	
AWWA-DC Fly in	Legislative visits x2						\$ 7,640	
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				

TOTAL: WU/Admin/Admin/Travel and Per Diem - Board		\$ 6,139	\$ -	\$ 7,280	\$ -	\$ -	\$ 13,250
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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			\$ 3,800			\$ 11,310
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			\$ 1,740			\$ 1,940
HWWA Hawai'i Section Conference	Postponed - 2023 (Maui, HI) x 2 Personnel Anticipated travel (Date November TBA) 3 days & 2 nights w/ 2 rooms			\$ 1,740			\$ -

General Expenses - Admin

TOTAL:		WU/Admin/Admin/Meeting Expense	\$ 4,158	\$ 1,625	\$ 17,500	\$ 4,654	\$ -	\$ 16,970
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY2022-2023 Proposed Budget	
Board Meeting	Lunch for Board Meeting X 18 Mtgs			\$ 3,500			\$ -	
Seminars & Workshops	Meeting materials/Supplies			\$ 1,000			\$ 500	
Annual meeting	Meeting materials/Supplies			\$ 3,000			\$ -	
Meeting Expense	Departmental budget -Meeting Expense			\$ 10,000			\$ -	
Administrative Conference	Registration x 2						\$ 2,800	
AWWA Water Infrastructure Conference & Exposition	Registration September 11-14, 2022 (Portland, OR) x 1						\$ 1,400	
AWWA Water Quality Technology Conference & Exposition	Registration November 13-17, 2022 (Cincinnati, OH) x 1						\$ -	
AWWA North American Water Loss Conference & Exposition	Registration December TBA, 2022 (TBA) x 1						\$ -	
AWWA/WEF Utility Management Conference	Registration February TBA, 2023 (TBA) x 1						\$ 1,400	
HWWA Hawai'i Section Conference	Date TBA 2022 (Maui, HI) x 4						\$ -	
AWWA Hawaii HWEA Pacific Water Conference	Registration February TBA, 2023 (Honolulu, HI) x 4						\$ 2,400	
AWWA National Conference	Registration June 11-14 2023 (Toronto, Canada) x 2						\$ 2,800	
HRWA Conference	May TBA 2023 (Hawaii Island) x 6						\$ 2,400	
Project WET Conference	PR - Registration - August 8-11, 2022 (Spokane, WA) x 1						\$ 475	
WaterSmart Innovations Conference & Expo	PR - Registration Oct, 2022 (dates/location tba) x 1						\$ 400	
Gov't Social Media Conference	PR - Registration - March 2023 (dates/location tba) x 1						\$ 895	
Wahine Forum Conference	October 26-27, 2022 (Honolulu, HI) x 4						\$ 1,000	
IMLA Conference	October 19-23 2022 (Portland, OR) x 1						\$ 500	

General Expenses - Admin

TOTAL:		WU/Admin/Admin/Registration and Meeting Expense - Board	\$ 7,609	\$ 301	\$ 2,000	\$ 1,527	\$ -	\$ 6,500
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY2022-2023 Proposed Budget	
AWWA National Conference	Registration & Course Materials X 3 Toronto, Canada) (June 11-14, 2023) (\$1400 X3)						\$ 4,200	
AWWA Hawaii HWEA Pacific Water Conference	Registration & Course Materials X 4 (Honolulu, HI) (Date TBA Feb 2022) (\$550 X 2)						\$ 1,100	
HWWA Hawai'i Section Conference	Registration & Course Materials (Maui, HI) (Date TBA Nov 2021) (\$500 X 2)						\$ -	
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	\$ -	\$ -	\$ -		\$ -
Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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 Section

Program Budget - FY 2022 – 2023

Information Technology Section:

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

Program Description:

The IT Section procures, manages and supports the technology required to achieve 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 Software*), Paramount (*Internal Procurement Software to interface with our accounting software*), PMWEB (*Construction Project Management*), MPET (*Operation's Maintenance Management Information System - MMIS*), Cisco IP Phone (*VOIP*), Office 365 (*Software -Word/Excel/etc*), CC&B (*Customer Care & Billing Software*), Beacon (*Customer Meter Reading Interface*), and SCADA (*Operation's Supervisory Control and Data Acquisition Programs*).

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

- March 2021 (In-Progress) - Migrating to SharePoint online from SharePoint 2010/2016
- March 2021 (Initiated and continuing) - Rollout new Beacon Software for meter readers, allowing cellular signals to track consumption trends several times a day and transferring that consumption information to our billing system
- April 2021(Initiated, restarting, modifying to resolve challenges) – Update Accounting software (GP). Software support and upgrade options changed during conversion; professional services will be necessary to migrate to the newest version of current accounting software.

- July 2021 (Planned, continuing) - On-Premises Hypervisor Server Upgrades, relocation and replacement
- August 2021 (Planned, continuing) - DOW Website Upgrade
- December 2021 (Initiated, continuing) – DOW phone system relocation and possible replacement or upgrade
- January 2022 (Initiated, continuing) – Logical security, improving various security procedures and reducing vulnerability
- January 2022 (Initiated, continuing) – Network map and replacement plan (hardware)
- February 2022 (Initiated, continuing) – Change management policies and procedures, all business processes

Account	Description	FY 2019- 2020 YTD Actual	FY 2020- 2021 Actual	FY 2021-2022 Budget	FY 2021- 2022 YTD Expensed Amount	Encumbered Amount	FY 2022-2023 Proposed Budget
Water Utility Fund							
10-02-10-540-010	WU/IT/Admin/ Professional Services	\$ 526,502	\$ 729,917	70,000	29,173	12,540	580,000
10-02-10-543-000	WU/IT/Admin/Communication Services	\$ 74,341	\$ 108,046	\$ 91,696	\$ 79,112	\$ 8,550	\$ 87,828
10-02-50-543-000	WU/IT/Power/Pump/Communication Services	\$ 43,270	\$ 16,727	\$ 47,084	\$ 13,374	\$ -	\$ 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	\$ 36,446	\$ 2,908	\$ 36,500
10-02-10-561-000	WU/IT/Admin/Repairs and Maintenance - Other than Water System	\$ 386,466	\$ 233,733	\$ 547,100	\$ 173,349	\$ 160,530	\$ 834,489
10-02-10-563-000	WU/IT/Admin/Operating Supplies	\$ 32,279	\$ 78,158	\$ 58,000	\$ 30,733	\$ 21,452	\$ 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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,000
10-02-10-573-010	WU/IT/Admin/Meeting Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,000
	OPERATING EXPENSES	\$ 1,088,005	\$ 1,198,174	\$ 849,580	\$ 363,061	\$ 205,980	\$ 1,679,401
10-02-00-604-999	WU/IT/Capital Outlay - Rehabilitation and Replacement/Misc. Capital Purchases	\$ 126,578	\$ 46,325	\$ 179,000	\$ 10,900	\$ 61,476	\$ 2,105,000
10-02-00-605-999	WU/IT/Capital Outlay - Expansion/Misc. Capital Purchases	\$ 32,499	\$ 50,980	\$ 120,000	\$ 41,988	\$ 3,225	\$ 72,000
	SUMMARY OF CAPITAL PURCHASES	\$ 159,078	\$ 97,305	\$ 299,000	\$ 52,888	\$ 64,701	\$ 2,177,000
	SUMMARY OF OPERATING EXPENSES	\$ 1,088,005	\$ 1,198,174	\$ 849,580	\$ 363,061	\$ 205,980	\$ 1,671,401
	SUMMARY OF CAPITAL PURCHASES	\$ 159,078	\$ 97,305	\$ 299,000	\$ 52,888	\$ 64,701	\$ 2,177,000
	OPERATING EXPENSES PLUS CAPITAL OUTLAY	\$ 1,247,083	\$ 1,295,479	\$ 1,148,580	\$ 415,949	\$ 270,681	\$ 3,848,401

TOTAL: WU/IT/Admin/ Professional Services \$ 526,502 \$ 729,917 \$ 70,000 \$ 29,173 \$ 12,540 \$ 580,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 -2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 -2023 Budget
As-Needed Technical Support				\$ 30,000			\$ 150,000
IT Strategic Plan - Project Management				\$ 25,000			
Network Security Maintenance				\$ 15,000			\$ 75,000
IT Strategic Plan - Financial System Upgrade	Upgrade of Microsoft GP 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 Maintenance Management Information System (MMIS)	Evaluate/Select Software, i.e. MPET						\$ 25,000
Website Replacement	Develop DOW website						\$ 30,000

TOTAL: WU/IT/Admin/Communication Services \$ 74,341 \$ 108,046 \$ 91,696 \$ 79,112 \$ 8,550 \$ 87,828

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 -2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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 front office building	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			

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

\$ 43,270 \$ 16,778 \$ 47,084 \$ 13,374 \$ - \$ 57,484

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 -2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 -2023 Budget
Frame Relay (56K) R065	Monthly charge of 130 x 12			\$ 1,560			\$ 1,560
SCADA Room	Monthly charge of 50 x 12			\$ 600			\$ 600
Haena Connection	Monthly charge of 50 x 12			\$ 600			\$ 600
Hanalei Connection	Monthly charge of 50 x 12			\$ 600			\$ 600
SCADA Alarm	Monthly charge of 50 x 12			\$ 600			\$ 600
Auto Dialer - Lihue	Monthly charge of 50 x 12			\$ 600			\$ 600
Lawai #2	Monthly charge of 50 x 12			\$ 600			\$ 600
Kekaha - Paua	Monthly charge of 50 x 12			\$ 600			\$ 600
Auto Dialer - Kilauea	Monthly charge of 50 x 12			\$ 600			\$ 600
SCADA Submaster - Kilauea	Monthly charge of 50 x 12			\$ 600			\$ 600
Hanamaulu Tank Circuit	Monthly charge of 30 x 12			\$ 360			\$ 360
Frame Relay (56K) Ornellas	Monthly charge of 115 x 12			\$ 1,380			\$ 1,380
Frame Relay (56K) Kalaheo	Monthly charge of 130 x 12			\$ 1,560			\$ 1,560
Frame Relay (56K) Koloa	Monthly charge of 130 x 12			\$ 1,560			\$ 1,560
Frame Relay (56K) Nonou	Monthly charge of 130 x 12			\$ 1,560			\$ 1,560
Frame Relay (56K) Eleele	Monthly charge of 130 x 12			\$ 1,560			\$ 1,560
Frame Relay (56K) Kekaha/Waimea	Monthly charge of 130 x 12			\$ 1,500			\$ 1,500
Frame Relay (56K) Kilauea	Monthly charge of 130 x 12			\$ 1,560			\$ 1,560
Haena Well Connection	Monthly charge of 500 x 12			\$ 600			\$ 600
Waipao/Kekaha Connection	Monthly charge of 30 x 12			\$ 360			\$ 360
Paua/Kekaha Connection	Monthly charge of 30 x 12			\$ 360			\$ 360
Hanamaulu Booster	Monthly charge of 50 x 12			\$ 600			\$ 600
Cell phones for standby personnel	Cell Phone for Operations Personnel (23 personnel, 3 for alarm surges); 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			\$ 25,200
	phone upgrades 40 @ \$200						\$ 8,000
	phone protection 40 @ \$30						\$ 1,200
DSL Service for employee to access SCADA from home	2 DSL Services \$97 x 12			\$ 1,164			\$ 1,164
Unanticipated Costs	increased costs in surcharges & taxes			\$ 2,000			\$ 2,000
	<i>MOVED FROM OPERATIONS BUDGET TO IT FOR BETTER ACCOUNTABILITY</i>						

TOTAL: WU/IT/Admin/Rentals and Leases

\$ 22,380 \$ 18,376 \$ 33,200 \$ 36,446 \$ 2,908 \$ 36,500

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 -2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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 \$ 173,349 \$ 160,530 \$ 834,489

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 -2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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			\$ -
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	Hawaiian 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	Engineering- 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
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						\$ 15,000
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
Miscellaneous software	Other unaccounted software						\$ 45,000

TOTAL: WU/IT/Admin/Operating Supplies \$ 32,279 \$ 78,158 \$ 58,000 \$ 30,733 \$ 21,452 \$ 53,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 -2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 -2023 Budget
Computer Supplies	Batteries, storage devices, toner, etc			\$ 40,000			\$ 5,000
Computer Hardware	Printers, external hard drives, etc			\$ 10,000			\$ -
Paper & Toner	Paper for Large Format Printers			\$ 3,000			\$ 3,000
Replacement of cell phone equipment	Hardware and Accessories			\$ 5,000			\$ 5,000
SCADA Replacement Parts Inventory	Inventory parts						\$ 40,000

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

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 -2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 -2023 Budget
Books/Magazines/Subscriptions	Computer Books and Magazines			\$ 500			\$ 500

TOTAL: WU/IT/Admin/Training and Development **\$ 1,806** **\$ 39** **\$ 2,000** **\$ 626** **\$ -** **\$ 6,600**

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 -2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 -2023 Budget
IT Training	Training for IT Personnel (formal training, including and not limited to: Great Plains, SQL Server, and SharePoint.) In person training opportunities.			\$ 2,000			\$ 5,000
Online Courses	online informal (KB Nuggets, Coursera) 4 @ 400						\$ 1,600

TOTAL: WU/IT/Admin/Meeting Expense

\$ - \$ - \$ 8,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 -2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 -2023 Budget
Training - Various	As needed on-island and/or off-island training registration to assist with the professional development of the Information Technology Division's staff. (i.e. Law, Legislation, Regulation updates & changes, ESRI, GIS & GPS Concepts, Microsoft Training, Networking, Server Systems, Business Writing, etc).			\$ -			\$ 8,000

TOTAL: WU/IT/Capital Outlay - Rehabilitation and Replacement/Misc. Capital Purchases **\$ 126,578 \$ 46,325 \$ 179,000 \$ 10,900 \$ 61,476 \$ 2,105,000**

Line Item	Notes	FY 2019 - 2020 YTD Actual	FY 2020 - 2021 Actual	FY 2021-2022 Proposed Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 -2023 Budget
Purchase of a Replacement Maintenance Management Information System (MMIS)	Purchase MMIS software, inc. 1st year service contract			\$ 15,000			\$ 650,000
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.			\$ -			\$ -
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			\$ 60,000
Security Camera Replacment	baseyard replacement x 12, server for 45 cam			\$ 4,000			\$ 200,000
	Admin employee safety: consult, cameras, mount						\$ 70,000
New Billing System	Implementation of a New Customer Information System (CIS) for Billing & Collection.						\$ 750,000
Computer Purchase	replacement computers						

TOTAL: WU/IT/Capital Outlay - Expansion/Misc. Capital Purchases \$ 32,499 \$ 50,980 \$ 120,000 \$ 41,988 \$ 3,225 \$ 72,000

Line Item	Notes	FY 2019 - 2020 YTD Actual	FY 2020 - 2021 Actual	FY 2021-2022 Proposed Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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			\$ -
Trimble	Handheld device for Meter Readers						\$ 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 Actual	FY 2021-2022 Budget	FY 2021-2022 YTD Actual	Encumbered Amount	FY 2022-2023 Proposed Budget
Engineering	Operating Expenses						
10-20-10-540-010	WU/Eng/Admin/Professional Services (Consolidated)	\$ 1,509,684	\$ 537,479	\$ 2,925,250	\$ 784,459	\$ 2,809,241	\$ 2,925,000
10-20-10-540-010	WU/Eng/Admin/Professional Services	\$ 445,056	\$ 240,789	\$ 245,000	\$ 328,968	\$ 258,447	\$ 2,925,000
10-10-40-540-010	WU/Qual/Purification/Professional Services - General	\$ 103,957	\$ 27,271	\$ 45,250	\$ 34,716	\$ 19,598	\$ -
10-21-10-540-010	WU/Const/Admin/Professional Services - General	\$ 530,630	\$ 263,179	\$ 1,000,000	\$ 269,974	\$ 1,026,824	\$ -
10-22-10-540-010	WU/Plan/Admin/Professional Services	\$ 430,041	\$ 6,240	\$ 1,635,000	\$ 150,800	\$ 1,504,371	\$ -
10-20-10-544-000	WU/Eng/Admin/Freight and Postage Services (Consolidated)	\$ 740	\$ 412	\$ 1,500	\$ 1,116	\$ -	\$ 3,000
10-20-10-544-000	WU/Eng/Admin/Freight and Postage Services			\$ -	\$ -	\$ -	\$ 3,000
10-10-40-544-000	WU/Qual/Purification/Freight and Postage Services	\$ 740	\$ 412	\$ 1,500	\$ 1,116	\$ -	\$ -
10-20-10-561-000	WU/Eng/Admin/R & R - Other than Water System (Consolidated)	\$ 3,624	\$ 36,192	\$ 4,000	\$ 6,091	\$ -	\$ 5,000
10-20-10-561-000	WU/Eng/Admin/Repairs & Maintenance - Other than Water System			\$ -	\$ -	\$ -	\$ 5,000
10-10-40-561-000	WU/Qual/Purification/Repairs and Maintenance - Other than Water System	\$ 3,624	\$ 6,792	\$ 4,000	\$ 6,091	\$ -	\$ -
10-21-10-561-000	WU/Const/Admin/Repairs & Maintenance - Other than Water System	\$ -	\$ 29,400	\$ -	\$ -	\$ -	\$ -
10-20-10-563-000	WU/Eng/Admin/Operating Supplies (Consolidated)	\$ 15,025	\$ 7,425	\$ 20,800	\$ 13,114	\$ 3,690	\$ 26,000
10-20-10-563-000	WU/Eng/Admin/Operating Supplies	\$ -	\$ -	\$ 300	\$ 169	\$ 895	\$ 26,000
10-10-40-563-000	WU/Qual/Purification/Operating Supplies	\$ 13,225	\$ 4,779	\$ 15,000	\$ 10,568	\$ 2,010	\$ -
10-21-10-563-000	WU/Const/Admin/Operating Supplies	\$ 1,637	\$ 1,529	\$ 4,500	\$ 2,193	\$ 785	\$ -
10-22-10-563-000	WU/Plan/Admin/Operating Supplies	\$ 162	\$ 1,117	\$ 1,000	\$ 184	\$ -	\$ -
10-20-10-570-010	WU/Eng/Admin/Books, Publications, Subscriptions, and Memberships (Consolidated)	\$ 775	\$ 685	\$ 5,250	\$ 2,278	\$ -	\$ 5,000
10-20-10-570-010	WU/Eng/Admin/Books, Publications, Subscriptions, and Memberships	\$ -	\$ -	\$ 500	\$ -	\$ -	\$ 5,000
10-21-10-570-010	WU/Const/Admin/Books, Publications, Subscriptions, and Memberships	\$ 775	\$ 685	\$ 850	\$ 987	\$ -	\$ -
10-22-10-570-010	WU/Plan/Admin/Books, Publications, Subscriptions, and Memberships (N	\$ -	\$ -	\$ 3,900	\$ 1,291	\$ -	\$ -
10-20-10-571-010	WU/Eng/Admin/Training and Development (Consolidated)	\$ 3,174	\$ -	\$ 23,400	\$ 1,824	\$ -	\$ 26,000
10-20-10-571-010	WU/Eng/Admin/Training and Development	\$ 375	\$ -	\$ 500	\$ -	\$ -	\$ 26,000
10-10-40-571-010	WU/Qual/Purification/Training and Development	\$ 60	\$ -	\$ 1,600	\$ -	\$ -	\$ -
10-21-10-571-010	WU/Const/Admin/Training and Development	\$ 1,639	\$ -	\$ 3,300	\$ -	\$ -	\$ -
10-22-10-571-010	WU/Plan/Admin/Training and Development	\$ 1,100	\$ -	\$ 18,000	\$ 1,824	\$ -	\$ -
10-20-10-572-010	WU/Eng/Admin/Travel and Per Diem (Consolidated)	\$ 8,083	\$ -	\$ -	\$ -	\$ -	\$ 65,250
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 (Consolidated)	\$ 3,080	\$ -	\$ 4,700	\$ -	\$ -	\$ 16,000
10-20-10-573-010	WU/Eng/Admin/Meeting Expense	\$ -	\$ -	\$ 200	\$ -	\$ -	\$ 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	\$ 1,544,184.39	\$ 582,193.55	\$ 2,984,900.00	\$ 808,881.67	\$ 2,812,931.40	\$ 3,071,250.00
Engineering	Miscellaneous Capital Outlay						
10-20-00-604-999	WU/Eng/Admin/Capital Outlay - R & R/Misc. Capital Purchases	\$ -	\$ -	\$ 8,000	\$ 1,097	\$ -	\$ 20,000
10-10-40-604-999	WU/Eng/Qual/Purification/Misc. Capital Outlay - Replacement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10-21-00-604-999	WU/Const/Admin/Misc. Capital Outlay - R & R	\$ -	\$ -	\$ 10,000	\$ -	\$ -	\$ -
10-20-00-605-999	WU/Eng/Admin/Capital Outlay - Exp/Misc. Capital Purchases	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,000
10-21-00-605-999	WU/Const/Admin/Misc. Capital Outlay - Expansion	\$ -	\$ -	\$ 10,000	\$ -	\$ -	\$ -
	Miscellaneous Capital Outlay	\$ -	\$ -	\$ 28,000.00	\$ 1,097.00	\$ -	\$ 55,000.00
	ENGINEERING TOTAL - OPERATING & MISCELLANEOUS CAPITAL OUTLAY	\$ 1,544,184.39	\$ 582,193.55	\$ 3,012,900.00	\$ 809,978.67	\$ 2,812,931.40	\$ 3,126,250.00

General Expenses - Engineering

	WU/Eng/Admin/Professional Services	\$ 445,056	\$ 202,018	\$ 245,000	\$ 328,968	\$ 258,447	\$ 2,925,000
Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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
Technical Design Services	Professional Design Services						\$ 750,000
Specialty Technical Services	Hazardous Material Survey & Specialty Engineering Services						\$ 500,000
Title searches	Title searches, as needed	\$ -	\$ -	\$ 25,000			\$ -
Kukuiolono Tank Site exchange	Site assessment for hazardous materials, demolition of tank; this is a precondition of the land swap needed for ongoing capital project to design a new tank; Title Insurance, Escrow & Appraisals			\$ 50,000			\$ -
PER, EA	Develop Kapaa Well No. 4 site improvements (production well)	**	**	\$ 100,000			\$ -
PER, Soil investigation, EA	UH Experiment Station Tank	^^	^^	\$ 50,000			\$ -
Surveying	As-needed surveying services			\$ 20,000			\$ 50,000
Project Management Services	As-Needed Project Management Services						\$ 1,000,000
SDWA Testing	EPA mandated compliance monitoring, water sample testing services (Contract Lab Services)						\$ 80,000
GIS/Hydraulic Modeling Technical Services	As needed technical GIS & hydraulic services						\$ 250,000
Water System Investment Plan (WSIP)	Updating and Calibrating the existing hydraulic model						\$ -
WSIP	Assist DOW to create WP 2040						\$ -

TOTAL: WU/Qual/Purification/Professional
Services - General

\$ 103,957 \$ 27,271 \$ 45,250 \$ 34,716 \$ 19,598 \$ -

Line Item	Notes	FY 2019 -2020 Actual	FY 2020 -2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022-2023 Budget
Water sample testing services (Contract Lab Services)	EPA-mandated UCMR4			\$ -			
SDWA Testing - Phase 2/5	EPA-mandated compliance monitoring			\$ 37,250			
Misc. SDWA Testing	EPA-mandated compliance monitoring			\$ 2,000			
Long Term 2 ESWTR	EPA-mandated compliance monitoring						
Repaired Well Testing	EPA and DOH mandated			\$ 6,000			

TOTAL: WU/Const/Admin/Professional Services - General \$ 530,630 \$ 263,179 \$ 1,000,000 \$ 269,974 \$ 1,026,824 \$ -

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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	\$ 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	\$ -	\$ -				

TOTAL: WU/Plan/Admin/Professional Services

\$ 430,041

\$ 112,480

\$1,635,000

\$ 150,800

\$1,504,371

\$ -

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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						

****WU/Eng/Admin/Freight and Postage Services** \$ - \$ - \$ - \$ - \$ 3,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Budget
Water Quality Samples - Shipping	Freight services to ship water quality samples to contract lab for analysis						\$ 3,000

TOTAL: WU/Qual/Purification/Freight and Postage Services \$ 740 \$ 412 \$ 1,500 \$ 1,116 \$ - \$ -

Line Item	Notes	FY 2019 -2020 Actual	FY 2020 -2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022-2023 Budget
Shipping samples	24 shipments of \$100 each (shipping samples to contract lab)			\$ 1,500	\$ 1,116		
Shipping equipment for calibration							

****WU/Eng/Admin/Repairs & Maintenance - Other than Water System** \$ - \$ 29,400 \$ - \$ - \$ - \$ 5,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Budget
Autoclave maintenance and repairs	Annual inspection, maintenance and repair						\$ 5,000

TOTAL: WU/Qual/Purification/Repairs and Maintenance - Other than Water System \$ 3,624 \$ 6,792 \$ 4,000 \$ 6,091 \$ - \$ -

Line Item	Notes	FY 2019 -2020 Actual	FY 2020 -2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022-2023 Budget
Autoclave maintenance and repairs	Annual inspection and contingency for possible repair			\$ 4,000			

General Expenses - Engineering

WU/Eng/Admin/Operating Supplies		\$ -	\$ -	\$ 300	\$ 169	\$ 895	\$ 26,000
Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Budget
Equipment and Supplies	Annual replacement of safety equipment (ear protection, hard hats, safety vests, steel toe shoes and boots); As-needed field equipment (engineering and inspection field tablets, misc tools, traffic cones, etc.); office work area equipment, ergonomics, etc. and engineering supplies.						\$ 6,000
Microlaboratory Supplies	Sample bottles, reagents, media						\$ 20,000

TOTAL: WU/Qual/Purification/Operating Supplies

\$ 13,225 \$ 4,779 \$ 15,000 \$ 10,568 \$ 2,010 \$ -

Line Item	Notes	FY 2019 -2020 Actual	FY 2020 -2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022-2023 Budget
Lab supplies	Sample bottles, reagents, media			\$ 15,000			
Water Quality Reports (CCR's)	Preparation & Mailing of Annual Water Quality Reports Notices						
CMDP	Compliance Monitoring Data Portal - 2x laptops						

TOTAL: WU/Const/Admin/Operating Supplies \$ 1,637 \$ 1,529 \$ 4,500 \$ 2,193 \$ 785 \$ -

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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	\$ 4,500			

TOTAL: WU/Plan/Admin/Operating Supplies

\$ 162 \$ 2,323 \$ 1,000 \$ 184 \$ - \$ -

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022-2023 Budget
Fire Hydrant Testing Kit	Fire Hydrant Flow Testing Tools & Equipment to Calibrate Hydraulic Model						
Equipment and Supplies	Annual replacement of steel toe boots, hard hats, safety vests, ear protection, office workstation ergonomics, etc. As Needed Field Equipment (e.g. traffic cones, misc tools, field tablet, etc.) and supplies.			\$ 500			
Books / Manuals / Reference Materials	Purchase 10th Edition Manual of Cross -Connection Control, Uniform Plumbing Code, AWWA Manuals, etc. This is not a new request, line item is usually included in Admin's budget, however it would be better to have it with WRP for budget and accounting transparency.			\$ 500			

General Expenses - Engineering

TOTAL:		\$ -	\$ -	\$ -	\$ -		\$ 5,000
Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Budget
American Planning Association	Annual membership for Engineering Division representatives to attend and participate in Planning events, training and updates as it relates to the water industry and other stakeholder and utilities.						\$ 2,000
Books/Manuals/Reference Materials	Annual purchase of reference materials as required: ASTM Manuals, AWWA Manuals, Cross-Connection Control Manual, Uniform Building Code, Uniform Plumbing Code, etc. relating to the Engineering Division functional responsibility						\$ 2,000
Contractors Association of Kauai	Annual membership for Engineering Division representative to attend and participate in Contractors Association of Kauai events, training and updates as it relates to the water related construction aspects of the construction industry.						\$ 1,000

TOTAL: WU/Const/Admin/Books, Publications, Subscriptions, and Memberships \$ 775 \$ 685 \$ 850 \$ 987 \$ - \$ -

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Budget
Reference Materials	Annually purchase reference materials as needed such as ACI manuals, Project Management manuals/literature, etc.	\$ -	\$ -		\$ -		
Contractors Association of Kauai (DOW - Dustin is representative)	We have been a member since 2012. This is an annual fee.	\$ 775	\$ 685	\$ 850			
American Waterworks Association (Dustin)	AWWA membership.						

TOTAL: WU/Plan/Admin/Books, Publications, Subscriptions, and Memberships (NEW) \$ - \$ 3,900 \$ 1,291 \$ - \$ -

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022-2023 Budget
American Planning Association	Annual membership fee for Water Resources and Planning Division representatives to attend and participate in Planning events and updates as it relates to the water industry and other stakeholders and utilities.			\$ 1,600			
Books/Manuals/Reference Materials	Annual purchase of reference material as required: Cross-Connection Control Manual, Uniform Plumbing Code, AWWA Manuals, etc. relating to the Water Resources and Planning Division functional responsibility.			\$ 500			
SkillPath Seminars, Inc.	Annual membership for Water Resources and Planning staff to obtain professional development by participation in live hosted seminars, live webinars and on-demand training provided by the SkillPath Seminars, Inc. Additionally, it is a resource to assist and provide professional development of the Water Resources Division staff with on-demand internet training.			\$ 1,800			

TOTAL: **WU/Eng/Admin/Training and Development** \$ **375** \$ **-** \$ **500** \$ **-** \$ **-** \$ **26,000**

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Budget
Professional Development Training - Various	As needed on-island and/or off-island training to assist with the professional development of the Engineering Division's staff. (i.e. EPA/HDOH Rules and Regulations updates, NPDES, NEPA and HEPA - Ch. 343, Law, Legislation and Regulation updates, GIS & GPS Concepts, Microsoft Suite, Business Writing, etc.)						\$ 8,000
ESRI ArcMap/GIS - Innovyze InfoWater Training	On-site and/or off-island training courses for the Engineering Division's staff to work with and update the GIS and hydraulic modeling system.						\$ 18,000

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

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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	\$ -	\$ 2,000			
Misc. Workshops for CM Staff	Annually attend on-island workshops through various agencies as they come up throughout year. T	\$ -	\$ -	\$ 1,300			
Abatement training	Asbestos pipe and lead abatement						

TOTAL: WU/Plan/Admin/Training and Development

\$ 1,100 \$ 18,653 \$ 18,000 \$ 1,824 \$ - \$ -

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022-2023 Budget
ESRI ArcMAP/GIS - Innovyze InfoWater Training Classes	On-site or off-island training courses for the Deaprtment's GIS & hydraulic modeling surpevisors 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			

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

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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
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
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
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
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
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
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
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
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

TOTAL: WU/Const/Admin/Travel and Per Diem \$ 2,195 \$ - \$ - \$ - \$ - \$ -

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Budget
Conference Travel and Per Diem (Non AWWA/HWWA)	Would like to send CM Staff to water related construction project management/inspection trainings off-island should beneficial conferences be available.	\$ 2,195		\$ -			\$ -

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

\$ 5,888

\$ - \$ - \$ - \$ -

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022-2023 Budget
ESRI User Conference	Travel accommodations and per diem for one (1) staff member to attend the annual ESRI User Conference. (Estimate: air fare \$1000, lodging & ground transportation \$2400, per diem \$1350)			\$ -			
ESRI Water Conference	Travel accommodations and per diem for one (1) staff member to attend the annual ESRI Water Utilities Conference. (Estimate: air fare \$1000, lodging & ground transportation \$2400, per diem \$1350)			\$ -			
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)			\$ -			
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)			\$ -			
Conference/Training - Various	Travel accommodations and per diem for seven (7) staff member trips to attend off island training & meetings. (Estimate: air fare \$1550, lodging & ground transportation \$2200, per diem \$1350).			\$ -			
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)			\$ -			\$ -

General Expenses - Engineering

TOTAL:		WU/Eng/Admin/Meeting Expense	\$ -		\$ 200	\$ -	\$ -	\$16,000
Line Item	Notes		FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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

TOTAL: WU/Const/Admin/Meeting Expense \$ 2,200 \$ - \$ - \$ - \$ - \$ -

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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		\$ -			\$ -

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

TOTAL: WU/Plan/Admin/Registration Expenses

\$ 880

\$ 4,500

\$

- \$

- \$

-

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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			

TOTAL: WU/Eng/Admin/Misc. Capital Outlay - R&R		\$ -	\$ 4,233	\$ 8,000	\$ 1,097	\$ -	\$ 20,000
Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Budget
10-20-00-604-999	Permit fees and project related start-up fees	\$ -	\$ 4,233	\$ 8,000			\$ 20,000

TOTAL: WU/Qual/Purification/Misc. Capital Outlay - Replacement

\$ 35,695 \$ - \$ - \$ - \$ - \$ -

Line Item	Notes	FY 2019 -2020 Actual	FY 2020 -2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022-2023 Budget
Ice Machine	Contract lab is requiring us to ship samples with ice packs because samples have been coming in too warm to be suitable for testing. Planning a 60 pound per day machine (smallest size made)						
Lab Vehicle	Current SUV is 12 years old with almost 90K miles.						
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.			\$ -			\$ -

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

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Budget
10-20-00-605-999	Permit fees and project related start-up fees	\$ -	\$ -	\$ 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

General Expenses - Engineering

Account	Description	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 YTD Actual	FYTD Encumbered Amount	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	\$ 156,271	\$ -	\$ 28,917	\$ 768,475	\$ 2,100,000
10-20-00-605-000	WU/Eng/Admin/Capital Outlay - Expansion/Capital Purchases	\$ -	\$ -	\$ 200,000	\$ -	\$ 125,000	\$ -
10-21-00-604-000	WU/Const/Capital Outlay - R&R/Capital Projects	\$ 860,742	\$ 2,661,668	\$ 2,500,000	\$ 61,988	\$ 5,156,866	\$ 7,300,000
10-21-00-605-000	WU/Cons/Capital Outlay - Expansion/Capital Projects	\$ 2,086,793	\$ -	\$ -	\$ -	\$ 3,799,336	\$ -
	Water Utility Fund - Capital Outlay	\$ 3,114,170	\$ 2,817,939	\$ 2,700,000	\$ 90,905	\$ 9,849,677	\$ 9,400,000
FRC Fund							
20-20-00-605-000	FRC/Eng/Capital Outlay - Expansion	\$ 31,033	\$ -	\$ 860,000	\$ -	\$ 396,168	\$ 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	\$ -	\$ 396,168	\$ 4,400,000
BAB Fund							
30-20-00-604-000	BAB/Eng/Capital Outlay - R&R	\$ 67,911	\$ -	\$ -	\$ 5,326	\$ 42,171	\$ -
30-20-00-605-000	BAB/Eng/Capital Outlay - Expansion	\$ -	\$ -	\$ -	\$ 12,281	\$ 236,202	\$ -
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	\$ -	\$ 1,099,078	\$ 6,850,000
	BAB Fund - Capital Outlay	\$ 700,785	\$ 43,250	\$ 7,000,000	\$ 17,607	\$ 1,377,451	\$ 6,850,000
Grant Fund							
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
SRF Fund							
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	\$ 2,817,939	\$ 2,700,000	\$ 90,905	\$ 9,849,677	\$ 9,400,000
	FRC Fund/Capital Outlay/CIP	\$ 299,261	\$ -	\$ 3,760,000	\$ -	\$ 396,168	\$ 4,400,000
	BAB Fund/Capital Outlay/CIP	\$ 700,785	\$ 43,250	\$ 7,000,000	\$ 17,607	\$ 1,377,451	\$ 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	\$ 2,861,189	\$ 45,060,000	\$ 108,512	\$ 11,623,296	\$ 43,500,000

5-Year Capital Plan (ENGR)

*SAA- State Appropriation Allotment

Project/Vehicle/Equipment	Exp/ 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 Water Sytem Improvements, Packages A, B & C	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. Papaloo - Kawaihau) 16" and 12" Main Replacement (1	R&R	D	WUF	\$500,000	300000			
Kuhio Highway (N. Papaloo - Kawaihau) 16" and 12" Main Replacement (1	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		

General Expenses - Engineering

Project/Vehicle/Equipment	Exp/ 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 (Alaloke Pl - Pilo Rd) 8" Main Replacement (1,700')	R&R	D	WUF		\$150,000	\$200,000			
Koloa Road (Alaloke 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					
Waimēa - 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
~~SYRCIP~~

General Expenses - Engineering

TOTAL:		\$166,636	\$156,271	\$0	\$28,917	\$768,475	\$2,100,000
Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Actual	FYTD Encumbered Amount	FY 2022 - 2023 Budget
	WU/Eng/AdminCapital Outlay - R&R						
10-20-00-604-001	KW-07 Paua Valley Tank Repair	\$ 5,618.10				\$ 17,270.00	
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					
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	\$ 8,148.00		\$ 28,579.00	\$ 108,491.00	\$ 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	\$ 66,864.00	
10-20-00-604-160	Job 18-02 Islandwide Rehabilitation of Tanks	\$ 66,928.20				\$ 346,218.00	
10-20-00-604-162	WU-Eng-17-13 & 14, Engineering Services for Island Wide Vulnerability and Resiliency Assessment		\$ 130,388.00				
10-20-00-604-163	18-8 Limahuli Stream and Mānoa Stream Water Line Repairs	\$ -					
10-20-00-604-164	WU-Eng-Job. 18-9 Makaleha Tunnel		\$ -			\$ 229,632.00	
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	\$61,988	\$5,156,866	\$7,300,000
Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Actual	FYTD Encumbered Amount	FY 2022 - 2023 Budget
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			\$2,546,002	
10-21-00-604-001	Paua Valley Tank Repair	\$0	\$107,541		\$61,988	\$2,210,848	
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	Kukuilono Tank Demo (Eng. Est. \$813K)	\$0	\$0	\$1,100,000	\$0	\$400,016	\$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

General Expenses - Engineering

TOTAL:		\$0	\$0	\$200,000	\$0	\$125,000	\$0
Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Expensed as of 4/30/22	FYTD Encumbered Amount	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			
10-20-00-605-139	WU-Eng-ALLE-02-11 M-02 100K Tank & Pipeline Moloaa					\$ 125,000	
	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** **\$3,799,336** **\$0**

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Expensed as of 4/30/22	FYTD Encumbered Amount	FY 2022 - 2023 Budget
10-21-00-605-118	WU/Const/Capital Outlay/WK-39-Kapaa Homestead Well No. 4 (100% Expansion)	\$ -		\$ -		\$ 603,661	\$ -
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)						\$ -
10-21-00-605-017	Kapaia Cane Haul Road 18" Main (98.55% Exp) \$3,241,350					\$3,195,675	
	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

General Expenses - Engineering

TOTAL:		\$31,033	\$0	\$860,000	\$0	\$396,168	\$1,400,000
Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Expensed as of 4/30/22	FYTD Encumbered Amount	FY 2022 - 2023 Budget
20-20-00-605-117	UH Experiment Station Tank			*		\$ 26,832	\$ 300,000
20-20-00-605-118	Develop Kapaa Well No. 4 site improvements (production well)	\$ 31,033		\$ 700,000		\$ 56,709	\$ 700,000
20-20-00-605-153	Haena 0.2 MG tank	\$ -	\$ -	\$ -	\$ -	\$ 8,175	
20-20-00-605-155	Wainiha Well #4 (EXP)			\$ 160,000			\$ 200,000
20-20-00-605-120	Kilauea 1.0 MG tank (EXP 90%)					\$ 7,212	
20-20-00-605-154	Drill and Test Kilauea Well #3 (EXP)					\$ 297,240	
20-20-00-605-018	H-08, Drill & Test Hanalei Well						\$ 200,000

General Expenses - Engineering

TOTAL:		\$268,228	\$0	\$2,900,000	\$0	\$0	\$3,000,000
Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Expensed as of 4/30/22	FYTD Encumbered Amount	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							

General Expenses - Engineering

TOTAL:	BAB/Eng/Admin/Capital Outlay - Expansion/Capital Purchases	\$67,911	\$0	\$0	\$5,326	\$42,171	\$0
Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Expensed as of 4/30/22	FYTD Encumbered Amount	FY 2022 - 2023 Budget
30-20-00-604-105	BAB-Eng-ALLR-09-01 K-01 Kalaheo 1111FT & 1222FT	\$ 67,911			\$ 5,326	\$ 42,171	

TOTAL:		\$0	\$0	\$0	\$12,281	\$236,202	\$0
Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Expensed as of 4/30/22	FYTD Encumbered Amount	FY 2022 - 2023 Budget
30-20-00-605-139	Moloaa Tank site acquisition					\$ 94,222	
30-20-00-605-116	BAB-Eng-WK-08-Kapaa Homestead Tank (Ornellas)				\$ 12,281	\$ 65,822	
30-20-00-605-120	BAB-Eng-ALLE-02-06WKK15-Kilauea 466 Tank Puu Pane					\$ 22,649	
30-20-00-605-125	BAB-Eng-98%E-02-01 Land for Kukuiofono Tank Site					\$ 53,508	

TOTAL: BAB/Capital Outlay - Expansion/Capital Projects - CM **\$588,360** **\$43,250** **\$7,000,000** **\$0** **\$1,099,078** **\$6,850,000**

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	FY 2021 - 2022 Expensed as of 4/30/22	FYTD Encumbered Amount	FY 2022 - 2023 Budget
30-21-00-605-102	Bond/Const/Capital Outlay/10-01, Ani-01b- Pipeline Replacement along Anini Road from DOW - Princeville Master Meter (Expansion - 56% of \$4.2M)						
30-21-00-605-106	Bond/Const/Capital Outlay/03-04, K-05a - Kalaheo New Tank, 0.5 MG, 886 Ft (Expansion - 50%)						
30-21-00-605-109	Bond/Const/Capital Outlay/XX-YY, LO-08, LO-10 - Koloa Rd (Alaloke Pl. - Piko Rd) 8 Inch Main Replacement (1,700 Ft) Lawai 6 Inch and 8 Inch Main Replacement (6,400 Ft) (Expansion - 81%)						
30-21-00-605-110	Bond/Const/Capital Outlay/WK-08-Kapaa Homestead 313' 1.0 MG Tank (Ornellas) (100% Expansion)						
30-21-00-605-112	Bond/Const/Capital Outlay/11-02, PLH-01a - Replace Grove Farm Tanks 1 and 2 (Expansion - 60%) of \$2.835M						
30-21-00-605-116	Kapaa Homestead Tank (Ornellas)			\$ 4,500,000			\$ 1,750,000
30-21-00-605-118	Bond/Const/Capital Outlay/WK-39-Kapaa Homestead Well No. 4 (100% Expansion)	\$ 588,360	\$ 43,250			\$ 7,428	\$ 2,600,000
30-21-00-605-120	Bond/Const/Capital Outlay/02-06, WKK-15 - Construct Kilauea 466 Tank, 1.0MG, Puu Pane Well 3 (Expansion - 90%)			\$ 2,500,000			\$ 2,000,000
30-21-00-605-136	Bond/Const/Capital Outlay/XX-YY, H-05, Weke, Anae, and He'e Roads 6" and 8" Main Replacement (Expansion - 89%)						
30-21-00-605-029	Bond/Const/Capital Outlay/09-01, Kalaheo 1111' & 1222' Water System Improvements (Package A: 100% Yamada Tank, Package B: 66% Clearwell, Package C:6% Pipeline) (Total \$19.2M) Cumulative 52% R&R/48% Expansion		0		0		\$0
30-21-00-605-017	Kapaia Cane Haul Road 18" Main (98.55% Exp) \$3,241,350, moved 10 W/U)			\$ -		\$ 1,091,650	\$ 500,000

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

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:

- Update the financial model that was initiated for the Water Rate Study which was terminated 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 soon.

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 Expensed Amount	Encumbrance Amount	FY 2022-2023 Proposed
Water Utility Fund		\$ 138,232	\$ 270,936	\$ 249,106	\$ 157,226	\$ 2,513	\$ 271,790
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	\$ 20,943	\$ 1,092	\$ 33,200
10-30-20-541-020	WU/Bill/Collection/Billing Costs	\$ 117,017	\$ 134,244	\$ 214,556	\$ 124,649	\$ -	\$ 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	\$ 11,634	\$ 1,421	\$ 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	\$ -	\$ -	\$ -	\$ -	\$ 5,000
10-30-20-573-010	WU/Bill/Collection/Meeting Expense		\$ -	\$ -	\$ -	\$ -	\$ 600
Miscellaneous Capital Purchases		\$0	\$0	\$825,000	\$12,823	\$60,897	\$0
10-30-00-604-999	WU/Bill/Collection/Capital Outlay - R&R/Misc. Capital Purchases	\$ -	\$ -	\$ 50,000	\$ 12,823	\$ 60,897	\$ -
10-30-00-605-999	WU/Bill/Collection/Capital Outlay - Expansion/Misc. Capital Purchases	\$0	\$0	\$775,000	\$0	\$0	\$0
	SUMMARY OF OPERATING EXPENSES	\$ 138,232	\$ 270,936	\$ 249,106	\$ 157,226	\$ 2,513	\$ 271,790
	SUMMARY OF CAPITAL PURCHASES	\$ -	\$ -	\$ 825,000	\$ 12,823	\$ 60,897	\$ -
	OPERATING EXPENSES PLUS CAPITAL OUTLAY	\$ 138,232	\$ 270,936	\$ 1,074,106	\$ 170,049	\$ 63,410	\$ 271,790

TOTAL: WU/Bill/Collection/Billing Costs \$ 117,017 \$ 134,244 \$ 214,556 \$ 124,649 \$ - \$ 223,790

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	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)			\$ 53,400			\$ 53,400

TOTAL: WU/Bill/Collection/Operating Supplies \$ 4,323 \$ 6,212 \$ 4,500 \$ 11,634 \$ 1,421 \$ 6,500

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	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/Books, Publications, Subscriptions, and Memberships **\$ - \$ 350 \$ - \$ - \$ 300**

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Proposed
GFOA - Government Finance Officers Ass'n	Membership for one employee			\$ 350			\$ 300

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

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Proposed
Staff development trainings	Customer Service trainings			\$ 3,000			\$ 3,000

TOTAL: WU/Bill/Collection/Travel and Per Diem \$ 1,809 \$ - \$ - \$ - \$ - \$ 5,000

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Proposed
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 (1X)			\$ -			\$ 5,000

TOTAL: WU/Bill/Collection/Capital Outlay - R&R/Misc. \$ - \$ - \$ 50,000 \$ 12,823 \$ 60,897 \$ -
 Capital Purchases

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Proposed
Lobby	Lobby Assessment (Acoustics & Slippery surface floor)			\$ 50,000			\$ -

General Expenses - Accounting

Account	Description	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 YTD Expensed Amount	Encumbrance Amount	FY 2022-2023 Proposed
Water Utility Fund		\$ 104,254	\$ 227,865	\$ 401,510	\$ 158,978	\$ 125,218	\$ 246,730
10-31-10-540-010	WU/Acctg/Admin/Professional Services - General	\$6,988	\$98,720	\$241,600	\$44,742	\$124,358	\$41,600
10-31-10-540-020	WU/Acctg/Admin/Accounting and Auditing	\$69,900	\$84,500	\$106,800	\$74,100	\$0	\$120,000
10-31-10-541-010	WU/Acctg/Admin/Other Services - General	\$13,924	\$21,806	\$21,600	\$19,190	\$0	\$42,000
10-31-10-561-000	WU/Acctg/Admin/Repairs & Maintenance - Other than Water System			\$0		\$0	\$0
10-31-10-562-000	WU/Acctg/Admin/Office Supplies	\$11,901	\$17,869	\$22,000	\$14,283	\$752	\$29,000
10-31-10-563-000	WU/Acctg/Admin/Operating Supplies	\$992	\$1,432	\$3,000	\$4,534	\$107	\$4,000
10-31-10-570-010	WU/Acctg/Admin/Books, Publications, Subscriptions, and Memberships	\$150	\$150	\$760	\$150	\$0	\$810
10-31-10-571-010	WU/Acctg/Admin/Training and Development	\$187	\$3,388	\$5,750	\$1,764	\$0	\$3,000
10-31-10-572-010	WU/Acctg/Admin/Travel & Per Diem	\$212	\$0	\$0	\$214	\$0	\$5,720
10-31-10-573-010	WU/Acctg/Admin/Meeting Expense	\$0	\$0	\$0	\$0	\$0	\$600
Capital Purchases		\$0	\$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	\$ 158,978	\$ 125,218	\$ 246,730
	SUMMARY OF CAPITAL OUTLAY/ MISC. CAPITAL PURCHASES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	OPERATING EXPENSES PLUS CAPITAL OUTLAY	\$ 104,254	\$ 227,865	\$ 401,510	\$ 158,978	\$ 125,218	\$ 246,730

TOTAL: WU/Acctg/Admin/Professional Services - General \$ 6,988 \$ 98,720 \$ 241,600 \$ 44,742 \$ 124,358 \$ 41,600

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	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
Rate Modeling & Training	In person training			\$ 100,000			\$ -
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 (moved to Admin)			\$ 100,000			\$ -

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	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Proposed
Auditor	Annual Financial Audit (FY 2022).		\$ 72,000	\$ 86,800			\$ 100,000
Consultant	Consulting services as needed.			\$ 20,000			\$ 20,000

TOTAL: WU/Acctg/Admin/Other Services - General \$ 13,924 \$ 21,806 \$ 21,600 \$ 19,190 \$ - \$ 42,000

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Proposed
Bank Service Fees	Analysis Charge (Average \$3500 per month)		\$ 14,222	\$ 21,600			\$ 42,000

TOTAL: WU/Acctg/Admin/Office Supplies \$ 11,901 \$ 17,869 \$ 22,000 \$ 14,283 \$ 752 \$ 29,000

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Proposed
Copy Paper	Supplies for all DOW			\$ 5,000			\$ 6,000
Office Supplies	Supplies for all DOW - Pens, Pencils, Writing Pads, Binders, Storage Boxes, Folders, Note Pads, Etc			\$ 5,000			\$ 6,000
Freight (Office Supplies)				\$ 1,000			\$ 1,000
Miscellaneous Forms	Supplies for Letterheads, envelopes, booklet covers			\$ 2,000			\$ 2,000
Janitorial Supplies				\$ 7,000			\$ 9,000
First Aid Kit	Admin Building			\$ 2,000			\$ 5,000

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	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Proposed
GFOA	Membership (to secure lower rates on conference fees)		\$ 150	\$ 350	\$ 150		\$ 400
Subscriptions	GFOA subscriptions			\$ 410			\$ 410

TOTAL: WU/Acctg/Admin/Training and Development \$ 187 \$ 3,388 \$ 5,750 \$ 1,764 \$ - \$ 3,000

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Proposed
Trainings	Staff training		\$ 1,790	\$ 2,000			\$ 3,000
	Leadership training			\$ 3,750			\$ -

TOTAL: WU/Acctg/Admin/Travel & Per Diem \$ 212 \$ - \$ - \$ 214 \$ - \$ 5,720

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Proposed
Travel & Per Diem	GFOA Conference - Continuing Education for GAAP and GASB updates			\$ -			\$ 5,000
Interisland meetings	Interisland travels (240 * 3)			\$ -			\$ 720

Account	Description	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 Expensed Amount	Encumbrance Amount	FY 2022-2023 Proposed
Water Utility Fund		17,574,713	18,430,709	26,161,059	16,216,367	633,429	18,202,828
10-01-10-530-060	WU/Admin/Admin/Post-Employment Benefits (OPEB)	\$1,041,000	\$998,491	\$1,143,000	\$1,131,851	\$11,149	\$1,058,000
10-00-10-547-000	WU/Acctg/Admin/County Service Charge	\$2,174,298	\$2,201,634	\$2,174,298	\$1,834,695	\$0	\$2,201,634
10-00-90-580-000	WU/Depreciation/Depreciation**	\$7,000,563	\$6,906,157	\$7,190,082	\$5,739,332	\$0	\$7,190,082
10-00-90-581-000	WU/Depreciation/Amortization**	\$231,449	\$235,859	\$752,653	\$138,568	\$0	\$235,859
10-00-90-582-000	WU/Inflows/Outflows**	-\$41,932	-\$32,274	-\$41,932	-\$44,078	\$0	-\$75,562
10-00-00-582-000	WU/Interest Expense	\$2,126,288	\$2,949,517	\$2,860,863	\$2,288,951	\$571,912	\$2,619,332
10-00-00-590-000	WU/Transfers to/from Other Funds	\$0	\$0	\$0	-\$2,000,000	\$0	\$0
10-00-00-590-001	WU/Transfers to Other Funds (DSR)	\$0	\$0	\$0	\$0	\$0	\$0
10-00-00-590-002	WU/Transfers to Other Funds (ER)	\$0	\$0	\$0	\$0	\$0	\$0
10-00-00-602-000	WU/Loan Proceeds	\$0	\$0	\$4,900,000	\$0	\$0	\$0
10-00-00-682-000	WU/Debt Principal Expense	\$5,031,869	\$5,160,541	\$5,170,095	\$5,119,727	\$50,367	\$4,961,483
20-00-00-590-000	FRC/Transfers to Other Funds	\$0	\$0	\$2,000,000	\$2,000,000	\$0	\$0
30-31-10-541-010	Bond/Transfers to Other Funds	\$11,177	\$10,783	\$12,000	\$7,321	\$0	\$12,000
60-00-00-590-000	SRF/Transfers to Other Funds	\$0	\$0	\$0	\$0	\$0	\$0

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

TOTAL: WU/Admin/Admin/Post-Employment Benefits (OPEB) \$ 1,041,000 \$ 998,491 \$ 1,143,000 \$ 1,131,851 \$ 11,149 \$ 1,058,000

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	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	\$ 1,131,851	\$ 11,149	\$ 1,058,000

TOTAL: WU/Acctg/Admin/County Service Charge \$ 2,174,298 \$ 2,201,634 \$ 2,174,298 \$ 1,834,695 \$ - \$ 2,201,634

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	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/Depreciation/Depreciation**

\$ 7,000,563 \$ 6,906,157 \$ 7,190,082 \$ 5,739,332 \$ - \$ 7,190,082

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Budget
Depreciation	Depreciation based on DOW financials			\$ 7,190,082			\$ 7,190,082

TOTAL: WU/Depreciation/Amortization**

\$ 231,449 \$ 235,859 \$ 752,653 \$ 138,568 \$ - \$ 235,859

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Budget
Amortization	Amortization based on FY 2021 financials	\$ 231,449	\$ 235,859	\$ 752,653	\$ 138,568		\$ 235,859

TOTAL: WU/Inflows/Outflows**

\$ (41,932) \$ (32,274) \$ (41,932) \$ (44,078) \$ - \$ (75,562)

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Budget
Amortization	Amortization based on financials	\$ (41,932)	\$ (32,274)	\$ (41,932)	\$ (44,078)		\$ (75,562)

TOTAL: WU/Interest Expense

\$3,440,092 \$ 2,126,288 \$ 2,949,517 \$ 2,860,863 \$ 2,288,951 \$ 571,912 \$ 2,619,332

Line Item	Notes	FY 2016-2017 Actual	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Budget
10-00-00-582-02	Kauai GOB 2011 A Series (97.1)				\$ 70,138			\$ -
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			\$ -
10-00-00-582-07	2021A Water Bonds				\$ -			\$ 66,750
10-00-00-582-08	2021B Water Bonds				\$ -			\$ 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			\$ -
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			\$ -
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

\$ - \$ (2,000,000) \$ - \$ -

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	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 \$ - \$ - \$ -

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Budget
SRF Loan Proceeds	SRF Loan Proceeds			\$ 4,900,000			\$ -

TOTAL: WU/Debt Principal Expense

\$4,717,296 \$ 5,031,869 \$ 5,160,541 \$ 5,170,095 \$ 5,119,727 \$ 50,367 \$ 4,961,483

Line Item	Notes	FY 2016-2017 Actual	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Budget
01-00-00-682-02	Kauai GOB 2011 A Series (97.1)				\$ 370,000			\$ -
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			\$ -
10-00-00-582-07	2021A Water Bonds							\$ 350,000
10-00-00-582-08	2021B Water Bonds							\$ -
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			\$ -
01-00-00-682-17	DW406-0003 - Kapilimao 0.5 MG Tank (94)				\$ 199,047			\$ 199,884
01-00-00-682-15	DW406-0005 - Kaumualii 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			\$ -
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

TOTAL: FRC/Transfers to Other Funds

\$0

\$ 2,000,000

\$ 2,000,000

\$

-

\$

-

Line Item	Notes	FY 2016-2017 Actual	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Budget
Transfer to W/U	Proportionate FRC Debt Service							
	(FY 2016 = 2,500,668)							
	**recorded \$1,933,657 in FY 2017							
	** Bal of FY 2016 of 567,011 will be transferred as of 6/30/18.							
	**recorded \$600,668 in FY 2018							
	**recorded \$500,000 in FY 2019							
	**recorded \$2,000,000 in FY 2021-22							

TOTAL: Bond/Transfers to Other Funds

\$ 11,177 \$ 10,783 \$ 12,000 \$ 7,321 \$ - \$ 12,000

Line Item	Notes	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Budget
Custodial fee	BAB custodial fee & other investment costs		\$ 10,783	\$ 12,000	\$ 7,321		\$ 12,000

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. Prioritize and recruit to fill vacant positions.
2. Identify and implement Key Performance Indicators (KPI) and initial baseline benchmarks.
3. Demolish old admin building.
4. Construct temporary work stations for supervisors and working supervisors – on-going.
5. Continue with progress made in converting from paper to electronic timesheets and have all Ops personnel on electronic timesheets.
6. Consistently manage and supervise all employees in compliance with best HR management practices.
7. Continue targeted service lateral replacements.
8. Obtain quotes and execute contract for on-site generation of Sodium Hypochlorite.
9. Continually review and update the Department's 2022 Safety Program - Insert updates in daily work practices.
10. Continue assessing where replacements of transmission and main lines are required in concert with Engineering Division.
11. Continue facility improvements for repair and maintenance of structures and assets located at DOW remote sites.

12. Continue with the progress made in quickly responding to trouble and/or emergency calls.
13. Continue with the progress of having a weeklong standby crew that has improved response time to leak reports received after regular office hours and on weekends and holidays.
14. Continue to assess ways of reducing power consumption.
15. Continue to assess and make progress toward reducing water loss and unbilled water.
16. Continue replacing older and defective residential meters with new AMI meters.

General Expenses - Operations

Account	Description	FY 2019-2020 Actual	FY 2020-2021 Actual	FY 2021-2022 Budget	FY 2021-2022 YTD Expensed Amount	Encumbered Amount	FY 2022-2023 Proposed
10-40-60-540-010	WU/Ops/TandD/Professional Services - General	\$0	\$0	\$550,000	\$0	\$0	\$400,000
10-40-60-541-010	WU/Ops/TandD/Other Services	\$662	\$317	\$2,000	\$508	\$0	\$2,000
10-40-60-545-000	WU/Ops/TandD/Rentals and Leases	\$22,294	\$32,995	\$50,000	\$8,729	\$8,690	\$50,000
10-40-50-551-000	WU/Ops/Power/Pump/Utility Services	\$2,311,544	\$2,360,731	\$2,700,000	\$2,241,568	\$0	\$2,967,700
10-40-50-560-000	WU/Ops/PandP/Repairs and Maintenance - Water System	\$57,480	\$17,678	\$40,000	\$16,173	\$4,107	\$40,000
10-40-60-560-000	WU/Ops/TandD/Repairs and Maintenance - Water System	\$249,276	\$28,257	\$171,000	\$161,744	\$232,938	\$320,000
10-40-60-561-000	WU/Ops/TandD/Repairs and Maintenance - Other than Water System	\$108,472	\$208,517	\$526,200	\$158,475	\$67,615	\$495,000
10-40-30-563-000	WU/Ops/Source/Operating Supplies	\$86,811	\$63,026	\$60,000	\$50,444	\$106	\$60,000
10-40-40-563-000	WU/Ops/Purification/Operating Supplies	\$98,154	\$125,011	\$101,920	\$79,260	\$0	\$152,880
10-40-50-563-000	WU/Ops/PandP/Operating Supplies	\$69,278	\$90,508	\$35,000	\$30,354	\$6,655	\$35,000
10-40-60-563-000	WU/Ops/TandD/Operating Supplies	\$560,290	\$563,586	\$255,000	\$241,940	\$34,453	\$275,000
10-40-50-563-010	WU/Ops/PandP/Operating Supplies/Invty. Stock	\$11,873	\$0	\$15,000	\$81,666	\$14,995	\$20,000
10-40-60-563-010	WU/Ops/TandD/Operating Supplies/Invty. Stock	\$0	\$0	\$378,000	\$228,069	\$106,875	\$0
10-40-60-564-000	WU/Ops/TandD/Fuel	\$105,941	\$101,759	\$122,500	\$123,551	\$1,176	\$175,000
10-40-30-565-000	WU/Ops/Source/Bulk Water Purchase	\$1,546,547	\$4,054,076	\$1,820,176	\$1,356,684	\$3,082	\$1,918,185
10-40-60-571-010	WU/Ops/TandD/Training & Development	\$21,864	\$17,389	\$25,000	\$41,085	\$0	\$30,000
10-40-60-572-010	WU/Ops/TandD/Travel & Per Diem	\$5,406	\$0	\$0	\$975	\$0	\$19,000
10-40-60-573-010	WU/Ops/TandD/Meeting Expense	\$1,000	\$0	\$0	\$0	\$0	\$0
Operating Expenses		\$5,256,892	\$7,663,900	\$6,851,796	\$4,821,225	\$480,690	\$6,959,765
10-40-00-604-999	WU/Ops/Capital Outlay - R&R/Misc. Capital Purchases	\$513,655	\$420,423	\$399,500	\$322,542	\$413,520	\$3,306,000
10-40-00-605-999	WU/Ops/Capital Outlay - Expansion/Misc. Capital Purchases	\$91,031	\$403,382	\$115,000	\$12,725	\$102,080	\$670,500
Miscellaneous Capital Purchases		\$604,686	\$823,805	\$514,500	\$335,267	\$515,600	\$3,976,500
10-40-00-604-000	WU/Ops/Capital Outlay - R&R	\$816,226	\$2,673,422	\$800,000	\$0	\$20,714	\$400,000
10-40-00-605-000	WU/Ops/Capital Outlay - Expansion	\$0	\$2,673,422	\$650,000	\$0	\$0	\$699,938
New Capital Outlay		\$816,226	\$5,346,844	\$1,450,000	\$0	\$20,714	\$1,099,938
SUMMARY OF OPERATING EXPENSES		<u>\$5,256,892</u>	<u>\$7,663,900</u>	<u>\$6,851,796</u>	<u>\$4,821,225</u>	<u>\$480,690</u>	<u>\$6,959,765</u>
SUMMARY OF CAPITAL PURCHASES		<u>\$604,686</u>	<u>\$823,805</u>	<u>\$514,500</u>	<u>\$335,267</u>	<u>\$515,600</u>	<u>\$3,976,500</u>
SUMMARY OF CAPITAL OUTLAY		<u>\$816,226</u>	<u>\$5,346,844</u>	<u>\$1,450,000</u>	<u>\$0</u>	<u>\$20,714</u>	<u>\$1,099,938</u>
OPERATING EXPENSES PLUS CAPITAL OUTLAY		<u>\$6,677,803</u>	<u>\$13,834,549</u>	<u>\$8,816,296</u>	<u>\$5,156,491</u>	<u>\$1,017,005</u>	<u>\$12,036,203</u>

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

\$ - \$ 550,000 \$ - \$ - \$ 400,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Proposed
EA, Design & Permitting	Design for Kilohana Sodium Hypochlorite OSG Housing			\$ 250,000			\$ 200,000
Demolition	Old Admin Building Demolition (moved to 604-000)			\$ 300,000			\$ -
EA, Design & Permitting	Design for Kilauea NaOCL On-site generation						\$ 200,000

TOTAL: WU/Ops/TandD/Rentals and Leases \$ 22,294 \$ 32,995 \$ 50,000 \$ 8,729 \$ 8,690 \$ 50,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Proposed
Construction equipment rentals.	Equipment rental. (e.g. excavator, roller, loader, scissor lift, boom lift, etc.)			\$ 50,000			\$ 50,000
License Fee Agreement McBryde Trust	Kalaheo/Koloa Water System						\$ -

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

\$ 2,311,544 \$ 2,360,731 \$ 2,700,000 \$ 2,241,568 \$ - \$ 2,967,700

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Proposed
Pumping facility electricity	63 accounts			\$ 2,654,000			\$ 2,786,700
Tank sites and Garage Building electricity	25 Tank sites and one garage building.			\$ 46,000			\$ 46,000
	Contingency - price increases						\$ 135,000

TOTAL: WU/Ops/PandP/Repairs and Maintenance - Water System \$ 57,480 \$ 17,678 \$ 40,000 \$ 16,173 \$ 4,107 \$ 40,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Proposed
Pump replacement program	Including emergency pump replacement and repairs, ongoing program.		\$ 10,867	\$ 40,000			\$ 40,000

TOTAL: WU/Ops/TandD/Repairs and Maintenance - Water System **\$ 249,276** **\$ 28,257** **\$ 171,000** **\$ 161,744** **\$ 232,938** **\$ 320,000**

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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			\$ -
Easement 5-1-5:23	Annual Lease - Easement for booster pump station on Wailapa			\$ 1,000			\$ -
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 \$ 158,475 \$ 67,615 \$ 495,000**

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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			\$ -			\$ -
Cyberlock	Cloud Hosting			\$ 1,200			\$ -
Demolition of Old building	Demolition of Old building			\$ 300,000			\$ 300,000

TOTAL: WU/Ops/Source/Operating Supplies \$ 86,811 \$ 63,026 \$ 60,000 \$ 50,444 \$ 106 \$ 60,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Proposed
Miscellaneous Rehab Projects	construction, maintenance and rehabilitation projects.			\$ 60,000			\$ 60,000
Sodium Hypochlorite On-Stite Generation	Kilohana OSG			\$ -			\$ -

TOTAL: WU/Ops/Purification/Operating Supplies \$ 98,154 \$ 125,011 \$ 101,920 \$ 79,260 \$ - \$ 152,880

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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 \$ 30,354 \$ 6,655 \$ 35,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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 \$ 241,940 \$ 34,453 \$ 275,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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/PandP/Operating Supplies/Invty. Stock \$ 11,873 \$ - \$ 15,000 \$ 81,666 \$ 14,995 \$ 20,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Proposed
Electrical parts and materials	inventory Stock for repair parts for plant electricians to maintain, repair, and operate electrical pumping plants, booster stations, buildings, and structures.			\$ 15,000			\$ 20,000

TOTAL: WU/Ops/TandD/Fuel

\$ 105,941 \$ 101,759 \$ 122,500 \$ 123,551 \$ 1,176 \$ 175,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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 \$ 1,356,684 \$ 3,082 \$ 1,918,185

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	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
Molooa	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/Travel & Per Diem \$ 5,406 \$ - \$ 975 \$ - \$ 19,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Proposed
Operations Certification	AWWA, HWWA, HRWA, Pacific Water Conference and other conferences			\$ -			
	Neighbor Island						\$ 9,000
	Mainland						\$ 10,000

TOTAL: WU/Ops/Capital Outlay - R&R/Misc. Capital Purchases \$ 513,655 \$ 420,423 \$ 399,500 \$ 322,542 \$ 413,520 \$3,306,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Proposed
Excavator	Replace Takeuchi TB175 mini excavator (prior budget was tranferred to fuel master & SCADA)						\$ -
Excavator	Replace and upsize Takeuchi TB175						\$ 225,000
Riding Mower and Trailer	Replace riding mower and trailer for riding mower						\$ 45,000
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
1-Ford F450 Utility Trucks	Replace CK2237						\$ 120,000
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
Pump Replacement	Pump Replacement - Paua Valley (pump & MCC)						\$ 1,000,000
Replace Valves	Replace ARV island-wide						\$ 100,000
GAC Replacement	Charcoal (GAC) Replacement - Wailua Homesteads Well						\$ 230,000
Infrastructure Inventory	Transferred from budget acct. No. 10-40-60-563-010						
Small pipeline and service line replacement parts	Pipe and valves						\$40,000
Large inventory items	Large diameter pipe, valves, and other items in inventory						\$18,000
R&R - 5/8" & 3/4" meters	2500 ea @ \$315						\$787,500
Replacement meters, all other sizes	65 others @ \$600						\$39,000
Replacement meter boxes and covers	500 ea @ \$115						\$57,500
Hydrant replacement	Ongoing hydrant replacement program, as needed.						\$144,000
Stock Inventory Items	Warehouse inventory parts and materials. (\$150K budget under 102)						\$100,000
SCADA Replacement Parts Inventory	Inventory parts						\$0

TOTAL: WU/Ops/Capital Outlay - Expansion/Misc. Capital Purchases \$ 91,031 \$ 403,382 \$ 115,000 \$ 12,725 \$ 102,080 \$ 670,500

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Proposed
Sodium Hypochlorite On-Site Generation	Kilohana OSG			\$ -			\$ 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)			\$ -			\$ 220,500
Facility Improvements	Security & Hardening						\$ 300,000
Pipe Locator	Pipe locating equipment for new Water Service Investigator			\$ 15,000			

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

\$ 816,226 \$ 2,673,422 \$ 700,000 \$ - \$ 20,714 \$ 400,000

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Proposed
Storage Tanks	Tank Cleaning, Painting, Minor Repairs						\$ -
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		\$ -			
Submersible pump and refurbish Wainiha Well #1	Replace submersible pump and refurbish Wainiha Well #1			\$ 150,000		\$ 20,714	
Offices -Microlab building	Offices on the second floor Microlab building			\$ 75,000			
Work stations	Work stations Operations Building			\$ 50,000			
Wet barrel hydrants with dry barrel hydrants	Replace wet barrel hydrants with dry barrel hydrants			\$ 25,000			

TOTAL: WU/Ops/Capital Outlay - Expansion

\$ - \$ 2,673,422 \$ 600,000

\$ 699,938

Line Item	Notes	FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021 - 2022 Budget	Expensed Amount as of 4/30/22	Encumbered Amount	FY 2022 - 2023 Proposed
Storage Tanks	Tank Cleaning, Painting, Minor Repairs						\$ -
Satellite Operations Facility	Satellite Operations Facility			\$ 600,000			\$ 699,938
DOW Baseyard	Baseyard Phase 1						\$ -

**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 4/30/22</u>	<u>FY 2022-2023 Proposed Budget</u>
Water Utility Fund					
ADMIN					
		\$ 1,042,210.00	\$ 1,330,509.52	\$ 913,905.08	\$ 1,423,654.80
10-01-10-510-010	WU/Admin/Admin/Salaries and Wages	\$ 610,292.00	\$ 799,504.00	\$ 668,886.22	\$ 918,392.80
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	\$ 1,837.00	\$ 2,000.00
10-01-10-510-030	WU/Admin/Admin/Overtime	\$ 17,863.00	\$ 30,000.00	\$ 14,379.14	\$ 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	\$ 50,068.89	\$ 79,590.05
10-01-10-530-020	WU/Admin/Admin/Retirement Contributions	\$ 319,688.00	\$ 223,560.96	\$ 131,535.17	\$ 225,694.27
10-01-10-530-030	WU/Admin/Admin/Life and Health Insurance	\$ 43,085.00	\$ 55,742.00	\$ 47,198.66	\$ 77,977.68
I.T.					
		\$ 119,806.00	\$ 368,626.50	\$ 194,208.22	\$ 354,045.48
10-02-10-510-010	WU/IT/Admin/Salaries and Wages	\$ 62,643.00	\$ 237,312.00	\$ 115,320.00	\$ 223,112.00
10-02-10-510-020	WU/IT/Admin/Temporary Assignment	\$ 2,257.00	\$ 500.00	\$ 5,149.05	\$ 500.00
10-02-10-510-030	WU/IT/Admin/Overtime	\$ 523.00	\$ 30,000.00	\$ 24,004.17	\$ 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	\$ 11,032.81	\$ 19,401.32
10-02-10-530-020	WU/IT/Admin/Retirement Contributions	\$ 41,353.00	\$ 64,274.88	\$ 28,912.59	\$ 60,866.88
10-02-10-530-030	WU/IT/Admin/Life and Health Insurance	\$ 6,802.00	\$ 16,052.00	\$ 9,789.60	\$ 20,165.28
ENGINEERING - WATER QUALITY					
		\$ 415,849.49	\$ 346,386.57	\$ 257,944.99	\$ 290,984.32
10-10-40-510-010	WU/QualPurif/Admin/Salaries and Wages	\$ 232,607.00	\$ 250,080.00	\$ 185,664.68	\$ 215,096.80
10-10-40-510-020	WU/QualPurif/Admin/Temporary Assignment	\$ 19.49	\$ 1,500.00	\$ 1,801.14	\$ 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	\$ 14,897.51	\$ 16,837.41
10-10-40-530-020	WU/QualPurif/Admin/Retirement Contributions	\$ 141,284.00	\$ 61,099.20	\$ 45,844.31	\$ 52,823.23
10-10-40-530-030	WU/QualPurif/Admin/Life and Health Insurance	\$ 11,377.00	\$ 11,232.00	\$ 6,169.18	\$ 1,226.88
ENGINEERING - ENVIRONMENTAL					
		\$ 379,077.00	\$ 459,362.18	\$ 227,327.28	\$ 631,222.67
10-20-10-510-010	WU/Eng/Admin/Salaries and Wages	\$ 195,541.00	\$ 316,296.00	\$ 150,447.00	\$ 439,148.80
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	\$ 13,117.00	\$ 34,474.63
10-20-10-530-020	WU/Eng/Admin/Retirement Contributions	\$ 131,513.00	\$ 78,551.04	\$ 38,094.93	\$ 108,155.71
10-20-10-530-030	WU/Eng/Admin/Life and Health Insurance	\$ 18,699.00	\$ 28,477.00	\$ 17,210.59	\$ 37,943.52

Account	Description	<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>4/30/22</u>	<u>FY 2022-2023</u> <u>Proposed</u> <u>Budget</u>
CONSTRUCTION MANAGEMENT		\$ 612,909.00	\$ 817,611.50	\$ 259,303.11	\$ 810,058.45
10-21-10-510-010	WU/Const/Admin/Salaries and Wages	\$ 345,381.00	\$ 571,188.00	\$ 184,563.68	\$ 555,575.20
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	\$ 667.75	\$ 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	\$ 13,700.35	\$ 43,802.00
10-21-10-530-020	WU/Cons/Admin/Retirement Contributions	\$ 221,299.00	\$ 141,165.12	\$ 43,844.55	\$ 137,418.05
10-21-10-530-030	WU/Cons/Admin/Life and Health Insurance	\$ 12,499.00	\$ 43,262.00	\$ 16,526.78	\$ 56,263.20
ENGINEERING -WRP		\$ 716,679.00	\$ 797,310.31	\$ 692,105.01	\$ 665,030.70
10-22-10-510-010	WU/Wrp/Admin/Salaries and Wages	\$ 279,905.00	\$ 536,952.00	\$ 423,757.50	\$ 443,008.40
10-22-10-510-020	WU/Wrp/Admin/Temporary Assignment	\$ 9,665.00	\$ 5,000.00	\$ 6,952.90	\$ 5,000.00
10-22-10-510-030	WU/Wrp/Admin/Overtime	\$ 107,807.00	\$ 15,000.00	\$ 63,806.80	\$ 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	\$ 32,585.69	\$ 36,567.64
10-22-10-530-020	WU/Wrp/Admin/Retirement Contributions	\$ 241,878.00	\$ 133,668.48	\$ 118,353.38	\$ 114,722.02
10-22-10-530-030	WU/Wrp/Admin/Life and Health Insurance	\$ 44,213.00	\$ 64,083.00	\$ 46,648.74	\$ 35,732.64
FISCAL-BILLING		\$ 340,523.95	\$ 836,990.92	\$ 340,523.95	\$ 909,864.07
10-30-20-510-010	WU/Bill/Colln/Salaries and Wages	\$ 443,803.00	\$ 532,668.00	\$ 434,045.76	\$ 594,568.00
10-30-20-510-020	WU/Bill/Colln/Temporary Assignment	\$ 3,733.00	\$ 5,000.00	\$ 1,220.87	\$ 5,000.00
10-30-20-510-030	WU/Bill/Colln/Overtime	\$ 8,805.00	\$ 60,000.00	\$ 6,319.29	\$ 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	\$ 31,684.38	\$ 50,456.95
10-30-20-530-020	WU/Bill/Colln/Retirement Contributions	\$ 286,216.00	\$ 143,440.32	\$ 106,329.01	\$ 158,296.32
10-30-20-530-030	WU/Bill/Colln/Life and Health Insurance	\$ 46,380.00	\$ 50,161.00	\$ 32,518.79	\$ 41,542.80
FISCAL - ACCOUNTING		\$ 886,053.00	\$ 953,395.55	\$ 671,955.02	\$ 1,098,335.70
10-31-10-510-010	WU/Acctg/Admin/Salaries and Wages	\$ 428,675.00	\$ 607,512.00	\$ 400,160.82	\$ 701,068.80
10-31-10-510-020	WU/Acctg/Admin/Temporary Assignment	\$ 9,746.00	\$ 10,000.00	\$ 6,831.33	\$ 10,000.00
10-31-10-510-030	WU/Acctg/Admin/Overtime	\$ 68,446.00	\$ 60,000.00	\$ 70,419.62	\$ 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	\$ 34,910.05	\$ 59,369.26
10-31-10-530-020	WU/Acctg/Admin/Retirement Contributions	\$ 288,216.00	\$ 162,602.88	\$ 108,883.12	\$ 186,256.51
10-31-10-530-030	WU/Acctg/Admin/Life and Health Insurance	\$ 49,762.00	\$ 61,451.00	\$ 50,750.08	\$ 76,641.12
OPS - PLANT - SOURCE		\$ 775,214.00	\$ 764,238.78	\$ 592,349.27	\$ 775,453.75
10-40-30-510-010	WU//Ops/Source/Salaries and Wages	\$ 414,549.00	\$ 534,696.00	\$ 423,160.91	\$ 534,967.80
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	\$ 41,659.44
10-40-30-530-020	WU/Ops/Source/Retirement Contributions	\$ 259,305.00	\$ 130,487.04	\$ 86,828.90	\$ 130,696.27
10-40-30-530-030	WU/Ops/Source/Life and Health Insurance	\$ 45,811.00	\$ 48,463.00	\$ 38,399.36	\$ 58,530.24

Account	Description	<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>4/30/22</u>	<u>FY 2022-2023</u> <u>Proposed</u> <u>Budget</u>
OPS - PLANT - PURIFICATION					
		\$ 337,358.00	\$ 442,455.51	\$ 215,694.70	\$ 245,198.07
10-40-40-510-010	WU/Ops/Purification/Salaries and Wages	\$ 162,836.00	\$ 284,034.00	\$ 133,208.58	\$ 138,235.00
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	\$ 13,979.23
10-40-40-530-020	WU/Ops/Purification/Retirement Contributions	\$ 112,083.00	\$ 78,128.16	\$ 30,642.36	\$ 43,856.40
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	\$ 236,234.90	\$ 308,116.65
10-40-50-510-010	WU/Ops/PnP/Salaries and Wages	\$ 164,710.00	\$ 201,793.00	\$ 168,244.91	\$ 211,882.00
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	\$ 17,188.17
10-40-50-530-020	WU/Ops/PnP/Retirement Contributions	\$ 115,572.00	\$ 51,310.32	\$ 34,477.14	\$ 53,923.68
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	\$ 2,737,705.00	\$ 4,135,655.76
10-40-60-510-010	WU/Ops/TnD/Salaries and Wages	\$ 1,700,663.00	\$ 2,361,715.00	\$ 1,742,213.95	\$ 2,498,040.00
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	\$ 224,836.56
10-40-60-530-020	WU/Ops/TnD/Retirement Contributions	\$ 1,183,552.00	\$ 667,611.60	\$ 373,024.59	\$ 705,369.60
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	7,610,850.68	11,647,620.41
10-01-10-510-010	WU/Admin/Admin/Salaries and Wages	\$ 5,041,605.00	\$ 7,278,750.00	\$ 5,029,674.01	\$ 7,473,095.60
10-01-10-510-020	WU/Admin/Admin/Temporary Assignment	\$ 69,364.49	\$ 60,500.00	\$ 47,770.86	\$ 60,500.00
10-01-10-510-030	WU/Admin/Admin/Overtime	\$ 603,709.00	\$ 477,000.00	\$ 418,143.46	\$ 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	\$ 385,449.63	\$ 638,162.66
10-01-10-530-020	WU/Admin/Admin/Retirement Contributions	\$ 3,341,959.00	\$ 1,935,900.00	\$ 1,146,770.05	\$ 1,978,078.94
10-01-10-530-030	WU/Admin/Admin/Life and Health Insurance	\$ 538,967.00	\$ 677,955.00	\$ 435,137.24	\$ 689,383.20
Budget Increase					\$ 302,004.78

List of Vacant Positions	Count of Employee		Sum of FY23	
	Name		Sum of Annual Salary	Proposed Salary
Admin	12	\$	575,983	\$ 345,590
Business Administrator	1	\$	159,340	\$ 95,604
Computer Systems Support Technician I	1	\$	56,316	\$ 33,790
Information Specialist I	1	\$	70,560	\$ 42,336
Intern 1	1	\$	7,500	\$ 4,500
Intern 2	1	\$	7,500	\$ 4,500
Intern 3	1	\$	7,500	\$ 4,500
Intern 4	1	\$	7,500	\$ 4,500
Intern 5	1	\$	7,500	\$ 4,500
Intern 6	1	\$	7,500	\$ 4,500
Program Support Technician I	1	\$	54,646	\$ 32,788
Senior Clerk	1	\$	52,517	\$ 31,510
Waterworks Information Technology Manager	1	\$	137,604	\$ 82,562
Eng	8	\$	689,034	\$ 413,419
Advisor to the Board of Water Supply (reallocate to CE IV)	1	\$	92,887	\$ 55,732
Civil Engineer III	1	\$	83,198	\$ 49,919
Civil Engineer III (reallocate to CE I eff 4/1/22)	1	\$	71,786	\$ 43,072
Civil Engineer V	2	\$	223,031	\$ 133,818
Engineering Support Technician IV (reallocate to EST I eff 4/1/22)	1	\$	54,646	\$ 32,788
Water Microbiologist IV (reallocate to Water Microbiologist III)	1	\$	82,543	\$ 49,526
Waterworks Inspector III	1	\$	80,942	\$ 48,565
Fiscal	2	\$	146,878	\$ 88,127
Accountant I	1	\$	70,560	\$ 42,336
Accountant II	1	\$	76,318	\$ 45,791
Ops	9	\$	555,496	\$ 333,299
Assistant Water Plant Operator	1	\$	51,723	\$ 31,034
Automotive Mechanic I	1	\$	64,714	\$ 38,828
Maintenance Worker II	1	\$	66,163	\$ 39,698
Pipefitter (E)	1	\$	62,345	\$ 37,407
Pipefitter (W)	1	\$	62,345	\$ 37,407
Pipefitter Helper (E)	1	\$	51,723	\$ 31,034
Plant Electrician (currently reallocated to Fiscal-Janitor II)	1	\$	67,070	\$ 40,242
Water Meter Mechanic	1	\$	62,345	\$ 37,407
Water Plant Operator I	1	\$	67,070	\$ 40,242
Grand Total	31	\$	1,967,391	\$ 1,130,435

YEAR	VEHICLE/EQUIPMENT DESCRIPTION	LICENSE #	COST NEW	MILES/HOURS	CONDITION	OWNER
2003	FORD ESCAPE 4D MPVH 4X4	CK1759	\$23,426	130,589 mi	Usable	Auto Shop
2003	FORD ESCAPE 4D MPVH 4X4	CK1769	\$22,595	36,813 mi	Usable	Eng: WRP
2003	FORD ESCAPE 4D MPVH 4X4	CK1770	\$22,595	51,942 mi	Usable	Eng
2004	FORD F477 TRUCK 4X4	CK1785	\$70,798	111,428 mi	Usable	Auto Mech
2007	FORD RANGER 4X2 REG CAB	CK1961	\$21,311	59,566 mi	Good	Auto Mech
2007	FORD F450 TRUCK W/UTILITY BODY 4X2	CK1964	\$76,298	111,994 mi	Usable	Eng: PM
2008	FORD F450 TRUCK W/UTILITY BODY 4X2	CK1965	\$72,283	107,482 mi	Usable	Maintenance Crew
2008	GMC C5500 DUMP TRUCK	CK2020	\$72,659	109,898 mi	Usable	Field Dump
2008	FORD x464 TRUCK (Utility)	CK2047	\$74,689	136,562 mi	Usable	Ops Pool
2009	FORD RANGER REG CAB 4X2	CK2067	\$16,191	184,811 mi	Usable	Ops Pool
2010	JEEP PATRIOT (MPVH)	CK2122	\$22,995	37,937 mi	Good	Eng: PM
2010	TOYOTA MPVH T5522/4WD	CK2134	\$40,004	97,379 mi	Good	Eng: WRP: Lab
2011	INTERNATIONAL DUMP TRUCK	CK2128	\$96,983	73,798 mi	Good	East Dump
2011	DODGE -DR1500	CK2143	\$30,541	117,177 mi	Usable	WPO I
2011	NISSAN LEAF 4DSD	CK2153	\$37,986	9,038 mi	Very Good	Admin: Deputy
2012	TOYOTA RAV4 2WD V-6	CK2160	\$26,687	178,209 mi	Usable	Meter Reader Sup
2012	TOYOTA RAV4 4WD V-6	CK2161	\$28,094	89,406 mi	Good	Plants Sup
2012	TOYOTA RAV4 2WD V-6	CK2162	\$26,687	190,230 mi	Usable	Meter Reader
2012	TOYOTA RAV4 4WD V-6	CK2163	\$28,094	76,683 mi	Good	Leak Investigator
2012	FORD VAN	CK2166	\$52,804	109,975 mi	Usable	Electrician
2012	DODGE PICKUP - DR1500 -QUAD CAB -4X4	CK2188	\$28,547	81,176 mi	Good	Chief of Ops
2012	DODGE PICKUP - DR1500 -CREW CAB -4X4	CK2189	\$27,361	65,179 mi	Good	Eng: PM
2013	FORD F450 TRUCK (Utility)	CK2237	\$99,161	114,312 mi	Usable	Lead PF
2014	FORD EXPLORER	CK2264	\$36,365	19,698 mi	Good	Eng: PM
2014	FORD F150	CK2265	\$41,818	55,782 mi	Good	Eng: PM
2014	FORD F150	CK2266	\$41,818	16,382 mi	Good	Eng: PM
2014	PETERBILT DUMP TRUCK	CK2304	\$183,197	36,192 mi	Very Good	Plant Dump
2015	FORD F250 TRUCK	CK2310	\$37,278	91,950 mi	Good	WPO I
2016	NISSAN FRONTIER PICKUP	CK2345	\$27,714	135,450 mi	Good	Meter Reader
2016	FORD F-450 PICKUP	CK2350	\$122,626	67,639 mi	Good	Lead PF
2016	FORD F-450 SUPER DUTY PICKUP	CK2351	\$95,836	77,309 mi	Good	Lead PF
2016	FORD F-250 SUPER DUTY PICKUP	CK2352	\$65,415	52,626 mi	Good	West Sup
2016	FORD F-250	CK2355	\$47,149	71,596 mi	Good	WPO I
2016	FORD F-150 PICKUP	CK2356	\$44,513	36,871 mi	Good	Assistant Chief of Ops
2016	CHEVROLET COLORADO PICKUP	CK2357	\$40,954	84,172 mi	Good	East Sup
2016	FORD F-550	CK2389	\$71,469	49,730 mi	Good	Field Dump

YEAR	VEHICLE/EQUIPMENT DESCRIPTION	LICENSE #	COST NEW	MILES/HOURS	CONDITION	OWNER
2017	FORD F-550 PICKUP	CK2422	\$111,829	68,066 mi	Very Good	Lead PF
2017	FORD F-550 PICKUP	CK2423	\$111,802	37,463 mi	Very Good	Lead PF
2017	FORD F250 PICKUP	CK2424	\$62,661	8,477 mi	Very Good	Weld
2017	FORD F-250 PICKUP	CK2426	\$57,430	36,225 mi	Very Good	Electrician
2018	JEEP CHEROKEE	CK2414	\$39,491	14,652 mi	Very Good	Eng: PM
2018	FORD F-150 PICKUP	CK2425	\$51,435	33,027 mi	Very Good	Meter Mech
2019	INTERNATIONAL TANK TRUCK	CK2438	\$137,821	3,276 mi	Very Good	Field Tanker
2019	PETERBILT DUMP TRUCK	CK2466	\$155,732	20,235 mi	Very Good	West Dump
2019	NISSAN MPVH PICKUP	CK2473	\$28,894	9,391 mi	Very Good	Admin: MCE
2019	NISSAN MPVH PICKUP	CK2474	\$28,894	6,893 mi	Very Good	Admin Pool
2019	NISSAN FRONTIER PICKUP	CK2478	\$24,514	25,853 mi	Very Good	Meter Reader
2019	FORD F-150 4X4	CK2493	\$51,264	23,069 mi	Very Good	Field Sup
2019	FORD RANGER PICKUP	CK2500	\$35,695	19,766 mi	Very Good	Eng: WRP: Lab
2019	DODGE RAM PICKUP	CK2524	\$39,767	19,926 mi	Very Good	Grounds
2020	Peterbilt 348 DUMP TRUCK	CK2539	\$152,228	11,208 mi	Very Good	East Dump
2020	FORD F-150 4X4 W/ WORKPOD INSERT	CK2568	\$54,036	24,716 mi	Very Good	Leak Investigator
2020	FORD F-550 W/ CRANE BODY	CK2569	\$157,142	3,387 mi	Very Good	Auto/Equipment Mech
2020	Peterbilt 348 DUMP TRUCK	CK2574	\$155,444	443 mi	Very Good	East Dump
2020	FORD F450 TRUCK W/UTILITY BODY 4X4	CK2585	\$84,012	6,373 mi	Very Good	Maintenance Crew
2000	TRAIL KING FLAT BED TRAILER TK24	CK577	\$14,974	N/A	Out of Service	Buffalo
2004	BIG TEX UTILITY TRAILER	CK706	\$7,836	N/A	Usable	Maint Trailer
2006	SHPBLT MSTL TRAILER	CK727	\$12,474	N/A	Good	Buffalo
2006	SHPBLT MSTL TRAILER	CK729	\$20,722	N/A	Good	Buffalo
2007	ZIEMAN TRAILER	CK741	\$8,125	N/A	Good	West Trailer
2009	ZIEMAN CARRIER TRAILER	CK774	\$8,646	N/A	Good	East Trailer
2012	TRAIL KING TRAILER TK20LP	CK792	\$16,078	N/A	Usable	West Trailer
2014	HOMEMADE TRAILER	CK815	>\$5,000	N/A	Good	Buffalo
2014	HOMEMADE TRAILER	CK816	>\$5,000	N/A	Good	Buffalo
2015	FORD F250	CK2341	\$40,276	103,680 mi	Usable	WPO II
2016	TRAIL KING TK50RB ROLL BACK TRAILER	CK834	\$65,520	N/A	Good	Plant Trailer
2021	16k Tilit Deck Felling Trailer	CK867	\$19,686	N/A	Very Good	West Trailer
2021	16k Tilit Deck Felling Trailer	CK868	\$19,686	N/A	Very Good	East Trailer
2021	16k Tilit Deck Felling Trailer	CK869	\$19,686	N/A	Very Good	East Trailer
2002	Komatsu WB 140 4-Wheel Drive Loader Backhoe		\$69,635	3,193 hrs		OPS Field
2002	Takeuchi Compact Excavator TB24OR		\$84,583	1,296 hrs		OPS East Field
2002	Takeuchi Compact Excavator TB-250-2RA		\$68,497	251 hrs		OPS West Field

YEAR	VEHICLE/EQUIPMENT DESCRIPTION	LICENSE #	COST NEW	MILES/HOURS	CONDITION	OWNER
2002	Toyota TFL 1314 Tire Forklift (6000# Pneumatic)		\$29,816	N/A		Ops Baseyard
2007	Skid Steer Loader(SS4), Case 430 SSL		\$24,479	1,385 hrs		OPS Plant
2008	Takeuchi Model TB175CS Excavator		\$82,078	2,794 hrs		OPS Plant
2009	Case Model 430 SSLSeries III Uniloader		\$28,750	1,819 hrs		OPS Field
2010	Kubota ZD28 Riding Mower			535 hrs		OPS Plant
2016	Husqvarna Z242F Riding Mower			527 hrs		OPS Plant
2020	Case 4WD Backhoe w/extendahoe, pilot		\$113,687	1,068 hrs		OPS Plant
2020	Takeuchi TB228R Excavator		\$45,900	2,144 hrs		OPS East Field
2020	Takeuchi TB235R Excavator		\$56,153	2,710 hrs		OPS West Field
2009	Bradco 6120 Backhoe & 4X1 Bucket		\$17,187			Operations
1992	Generac Generator, Trailer-Mounted 125 KVA Power			Unknown		OPS Plant
1992	Multiquip Generator, Trailer-Mounted 125 KVA Power			2,324 hrs		OPS Plant
1992	Multiquip Generator, Trailer-Mounted 125 KVA Power			5,349 hrs		OPS Plant
1992	Multiquip Generator, Trailer-Mounted 125 KVA Power			4,474 hrs		OPS Plant
1992	Multiquip Generator, Trailer-Mounted 150 KVA Power			249 hrs		OPS Plant
1992	Multiquip Generator, Trailer-Mounted 150 KVA Power			248 hrs		OPS Plant
1992	Multiquip Generator, Trailer-Mounted 150 KVA Power			77 hrs		OPS Plant
1992	Multiquip Generator, Trailer-Mounted 150 KVA Power			336 hrs		OPS Plant
1992	Multiquip Generator, Trailer-Mounted 150KVA Power		UNKNOWN	490 hrs		OPS Plant
1992	ONAN Generator, Trailer-Mounted 150 KVA Power			2,322 hrs		OPS Plant
1992	ONAN Generator, Trailer-Mounted 150 KVA Power			2,600 hrs		OPS Plant
2002	Multiquip Generator, Trailer-Mounted 70 KVA Power		\$27,291	2,324 hrs		OPS Plant
2002	Multiquip Generator, Trailer-Mounted 70 KVA Power		\$27,291	472 hrs		OPS Plant
2008	Multiquip Generator, Trailer- Mounted 400 KVA Power		\$100,430	80 hrs		OPS Plant
2009	Caterpillar Generator, Permanent 600 KVA Power			225 hrs		OPS Plant
2013	Multiquip Generator, Trailer-Mounted 125 KVA Power		\$72,395	34 hrs		OPS Plant
2019	Multiquip Generator, Permanent 10KVA Power (Baseyard)		\$16,822	2 hrs		OPS Plant
2019	Multiquip Generator, Permanent 25KVA Power		\$26,767	3 hrs		OPS Plant
2019	Multiquip Generator, Trailer-Mounted 125KVA Power		\$72,616	99 hrs		OPS Plant
2019	Multiquip Generator, Trailer-Mounted 45 KVA Power		\$41,531	1 hrs		OPS Plant
2020	Multiquip Generator, Trailer-Mounted 150 KVA Power			0 hrs		OPS Plant

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NEW

BUSINESS

DEPARTMENT OF WATER

County of Kaua'i

"Water has no Substitute – Conserve It!"

MANAGER'S REPORT No. 22-61

May 26, 2022

Re: Board Approval of Resolution No. 22-14 to adopt the Department of Water's Operating and Capital Outlay Budgets for Fiscal Year (FY) 2023, effective July 1, 2022 – June 30, 2023

RECOMMENDATION:

The Department recommends approval of Resolution No. 22-XX, to adopt the DOW's Operating and Capital Outlay Budgets for FY 2023- effective July 1, 2022 – June 30, 2023.

BACKGROUND:

The Board Resolution adopting the DOW's Operating and Capital Outlay budgets for FY 2023 is hereby submitted for board's concurrent approval after the proposed operating and capital outlay budgets have been reviewed and approved by the board.

It is recommended that the Board approve Resolution No. 22-XX to adopt the approved Operating and Capital Outlay budgets for FY 2023 as recommended in Option 1 below.

OPTIONS:

Option 1 **Approve Resolution No. 22-XX to adopt the Operating and Capital Outlay Budgets for FY 2023 of the DOW effective July 1, 2022 – June 30, 2023.**

Pros: Staff can focus on implementing the planned projects and programs.

Cons: None known.

Option 2 **Do not approve Resolution No. 22-XX to adopt the Operating and Capital Outlay Budgets for FY 2023 of the DOW effective July 1, 2022 – June 30, 2023.**

Pros: It provides more time for the board and staff to discuss any pending questions.

Cons: Further delay may impact planning and implementation strategies.

MY/crz

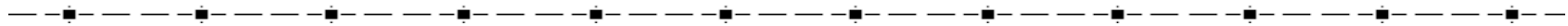
Attachments: Resolution 22-14
Operating and Capital Outlay Budgets

RESOLUTION NO. 22-14

BE IT RESOLVED by the Board of Water Supply of the Department of Water, County of Kauai, State of Hawaii, that the following sums as attached or so much thereof as may be necessary respectively are hereby appropriated for the objects and purposes hereinafter specified for the period beginning July 1, 2022 and ending June 30, 2023, out of moneys available and received by the Treasury of the County of Kauai for the several funds hereinafter mentioned.

INTRODUCED BY: _____
Julie Simonton, Chairperson

DATE: June 30, 2022



CERTIFICATION

I hereby certify that the foregoing Resolution No. 22-14 was adopted by the Board of Water Supply, County of Kauai at the Regular Meeting held on May 26, 2022

For Adoption: 0

Against Adoption: 0

Absent: 0

Total: —

Kurt Akamine
Secretary
Board of Water Supply

**DEPARTMENT OF WATER
OPERATING BUDGET
BUDGET 2022 - 2023
RESOLUTION NO. 22-XX**

I. WATER UTILITY FUND

OPERATING BUDGET

REVENUES

Water Sales & Service Charge	\$	30,578,458
Capital Contributions - State Appropriation Grant	\$	25,050,000
Other	\$	4,567,478
TOTAL REVENUES	\$	60,195,936

NON - REVENUES

Transfer - Reduction of Reserve Fund	\$	100,000
Unrestricted Fund Balance - Transfer to balance budget	\$	-
Transfer to Grants Fund	\$	(26,425,711)
TOTAL RESOURCES	\$	33,870,225

EXPENDITURES

Operating Expenses:

Labor Cost	\$	12,705,621
Non-labor cost	\$	18,082,171
TOTAL OPERATING EXPENSES	\$	30,787,792

PROJECTED NET RESOURCES FROM OPERATIONS	\$	3,082,433
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**DEPARTMENT OF WATER
CAPITAL OUTLAY BUDGET
BUDGET 2022 - 2023
RESOLUTION NO. 22-XX**

II. WATER UTILITY FUND (WUF)

Beginning Balance (Estimated)	\$	21,625,948
		TOTAL RESOURCES:
		\$ 21,625,948
CAPITAL OUTLAY BUDGET - WUF		
New Capital Outlay - Miscellaneous (TFFE)	\$	6,234,397
New Capital Outlay Budget - CIP	\$	10,499,938
		CAPITAL OUTLAY BUDGET - WUF
		\$ 16,734,335
Ending Balance - (Estimated)		\$ 4,891,613

III. FACILITIES RESERVE CHARGE (FRC)

Beginning Balance (Estimated)	\$	2,419,249
Encumbrances & PO's, (Estimated)	\$	(44,666)
Facilities Reserve Charge	\$	1,027,843
Interest Earned	\$	-
Interfund Transfer - (Transfer In)	\$	-
		TOTAL RESOURCES:
		\$ 3,402,426
CAPITAL OUTLAY BUDGET - FRC		
Interfund Transfer - Transfer Out		
New Capital Outlay Budget - CIP	\$	4,400,000
		CAPITAL OUTLAY BUDGET - FRC
		\$ 4,400,000
Ending Balance - FRC (Estimated)		\$ (997,574)

IV. BOND FUND - BAB

Beginning Balance (Estimated)	\$	9,501,960
Encumbrances & PO's, (Estimated)	\$	(1,436,037)
Bond Proceeds		
Interest Earned	\$	35,000
TOTAL RESOURCES:	\$	8,100,923
CAPITAL OUTLAY BUDGET - BAB		
New Capital Outlay Budget - CIP	\$	6,850,000
CAPITAL OUTLAY BUDGET - BAB	\$	6,850,000
Ending Balance- BAB (Estimated)	\$	1,250,923

V. GRANTS FUND

Beginning Balance (Estimated)	\$	16,575,711
Encumbrances & PO's, (Estimated)	\$	(16,575,711)
Proceeds	\$	9,850,000
Interest Earned	\$	-
TOTAL RESOURCES:	\$	9,850,000
CAPITAL OUTLAY BUDGET - BAB		
New Capital Outlay Budget - CIP	\$	9,850,000
CAPITAL OUTLAY BUDGET - GRANTS	\$	9,850,000
Ending Balance - GRANTS (Estimated)	\$	-

VI. STATE REVOLVING FUND (SRF)

Beginning Balance (Estimated)	\$	-
Encumbrances & PO's, (Estimated)	\$	-
Approved Loan	\$	13,000,000
Interest Earned	\$	-
TOTAL RESOURCES:	\$	13,000,000
CAPITAL OUTLAY BUDGET - BAB		
New Capital Outlay Budget - CIP	\$	13,000,000
CAPITAL OUTLAY BUDGET - SRF	\$	13,000,000
Ending Balance - SRF (Estimated)	\$	-

**DEPARTMENT OF WATER
OTHER RESOURCES & USES
BUDGET 2022 - 2023
RESOLUTION NO. 22-XX**

VII. RESOURCES

Beginning Resources - (Estimated)	\$ <u>45,224,545</u>
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OTHER USES

Prior Year (PY) - Encumbrances & PO's, (Estimated)	\$ (12,026,808)
Current Year (CY) PO's & contracts in process	\$ (3,260,221)
Current Liabilities excluding Debt	\$ (3,350,085)
Debt Service - Principal	\$ (4,961,483)
Transfer to Reserve Funds	\$ -
Transfer to CIP	\$ (21,625,948)

NET	\$ -
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VIII. WATER UTILITY FUND - RESERVE FUNDS

Beginning Balance	\$ 9,300,000
Adjustments	\$ (100,000)
Other	
RESERVE FUNDS - TOTAL	\$ <u>9,200,000</u>

AVAILABLE RESOURCES - ALL FUNDS	\$ <u>17,427,396</u>
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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, Investments & Receivables as of 4/30/2022	\$45,224,545	\$9,300,000	\$2,419,249	\$9,501,960	\$0	\$0	\$66,445,755
Prior Year Encumbrances - PO & Contracts (-)	\$12,026,808		\$44,666	\$1,436,037	\$2,575,711		\$16,083,221
Current Fiscal Year - Contracts in Process	\$3,260,221				\$14,000,000		\$17,260,221
Current Liabilities, excluding Debt (-)	\$3,350,085						\$3,350,085
Estimated Available Resources for Budget Appropriation - 7/1/22	\$26,587,432	\$9,300,000	\$2,374,583	\$8,065,923	-\$16,575,711	\$0	\$29,752,228
Revenues	\$60,195,936		\$1,027,843	\$35,000	\$0	\$13,000,000	\$74,258,779
Transfers In	\$100,000			\$0	\$0		\$100,000
Transfers (Out)	-\$26,425,711	-\$100,000		\$0	\$26,425,711	\$0	-\$100,000
Adjusted Balance	\$60,457,658	\$9,200,000	\$3,402,426	\$8,100,923	\$9,850,000	\$13,000,000	\$104,011,007
Operating Expenses	\$30,787,791		\$0	\$0	\$0		\$30,787,791
Short Term Debt - Principal Repayment	\$4,961,483	\$0	\$0	\$0	\$0		\$4,961,483
Miscellaneous Capital Purchases - TFFE	\$6,234,397						\$6,234,397
New Capital Outlay - CIP	\$10,499,938	\$0	\$4,400,000	\$6,850,000	\$9,850,000	\$13,000,000	\$44,599,938
Estimated Available Balance: WURF & CIP Reserve	\$7,974,047	\$9,200,000	-\$997,574	\$1,250,923	\$0	\$0	\$17,427,396

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	\$26,612,049	\$60,195,936
10-00-00-400-000	Water Sales	\$26,672,943	\$25,320,900	\$25,022,600	\$23,935,116	\$30,578,458
10-00-00-405-000	Revenue from Public Fire Protection	\$2,174,298	\$2,201,634	\$2,174,298	\$1,834,695	\$2,201,634
10-00-00-410-000	Other Water Revenue	\$140,291	\$163,083	\$300,000	\$103,598	\$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	\$470,554	\$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	\$232,860	\$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	\$34,894	\$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	\$871,761	\$1,027,843
20-00-00-424-000	Facility Reserve Charge	\$919,445	\$1,288,569	\$800,000	\$670,095	\$800,000
20-00-00-430-000	Federal Grants	\$242,888	\$243,107	\$240,291	\$201,666	\$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	-\$327,910	\$35,000
30-00-00-453-000	Net Increase / Decrease in Fair Value of Investments	\$170,623	-\$149,147	-\$30,000	-\$456,044	-\$30,000
30-00-00-461-000	Investment Income (Net of custodial fees & other investment cost)	\$158,587	\$161,337	\$65,000	\$128,135	\$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 2021 - 2022 Expensed Amount as of 4/30/22	Encumbrance Amount	FY 2022-2023 Proposed Budget
OPERATING EXPENSES							
Water Utility Fund		\$25,837,255	\$27,280,268	\$29,617,792	\$20,316,429	\$4,253,397	\$30,787,791
510-010	Salaries & Wages (Regular & Compensated Leave)	\$5,724,655	\$5,041,605	\$7,278,750	\$5,029,674	\$0	\$7,473,096
510-020	Temporary Assignment	\$88,898	\$69,364	\$60,500	\$47,771	\$0	\$60,500
510-030	Overtime	\$554,465	\$603,710	\$477,000	\$418,146	\$0	\$513,400
510-040	Standby Pay	\$206,280	\$205,795	\$195,000	\$147,905	\$0	\$195,000
520-040	Vacation & Compensatory Time Pay out	\$32,014	\$0	\$100,000	\$0	\$0	\$100,000
530-010	FICA Taxes	\$460,511	\$497,561	\$620,511	\$385,450	\$0	\$638,163
530-020	Retirement Contributions	\$4,136,843	\$3,340,960	\$1,935,900	\$1,146,770	\$0	\$1,978,079
530-030	Life and Health Insurance	\$530,772	\$538,967	\$677,955	\$435,137	\$0	\$689,383
530-040	Workers Compensation	\$0	\$0	\$0	\$0	\$0	\$0
530-050	Unemployment Compensation	\$0	\$0	\$0	\$0	\$0	\$0
530-060	Post Employment Benefits (OPEB)	\$1,041,000	\$998,491	\$1,143,000	\$1,131,851	\$11,149	\$1,058,000
540-010	Professional Services - General	\$2,243,026	\$1,945,728	\$4,087,150	\$1,549,875	\$2,967,501	\$4,353,100
540-020	Professional Services - Accounting and Auditing	\$69,900	\$84,500	\$106,800	\$74,100	\$0	\$120,000
541-010	Other Services - General	\$40,503	\$46,774	\$51,800	\$40,641	\$1,092	\$77,200
541-020	Other Services - Billing Costs	\$117,017	\$134,244	\$214,556	\$124,649	\$0	\$223,790
542-010	Public Relations - General	\$91,950	\$44,688	\$82,900	\$67,746	\$17,711	\$90,950
542-020	Procurement Advertising	\$8,127	\$37,589	\$10,000	\$9,677	\$0	\$5,000
543-000	Communication Services	\$117,611	\$124,875	\$138,780	\$92,486	\$8,550	\$145,312
544-000	Freight and Postage Services	\$2,152	\$3,482	\$4,600	\$154,164	\$0	\$11,000
545-000	Rentals and Leases	\$65,845	\$73,601	\$134,100	\$84,064	\$11,598	\$153,600
546-000	Insurance	\$99,701	\$96,703	\$5,000	\$2,080	\$0	\$130,000
547-000	County Service Charge	\$2,174,298	\$2,201,634	\$2,174,298	\$1,834,695	\$0	\$2,201,634
551-000	Utility Services	\$2,425,709	\$2,502,528	\$2,863,878	\$2,360,681	\$0	\$3,147,500
560-000	Repairs and Maintenance - Water System	\$308,397	\$45,935	\$211,000	\$177,917	\$237,045	\$360,000
561-000	Repairs and Maintenance - Other than Water System	\$500,203	\$461,944	\$1,077,300	\$339,032	\$228,144	\$1,334,489
562-000	Office Supplies	\$11,901	\$17,869	\$22,000	\$14,283	\$752	\$29,000
563-000	Operating Supplies	\$884,929	\$979,530	\$936,220	\$789,682	\$189,754	\$642,380
564-000	Fuel	\$105,941	\$101,759	\$122,500	\$123,551	\$1,176	\$175,000
565-000	Bulk Water Purchase	\$1,546,547	\$4,054,076	\$1,820,176	\$1,356,684	\$3,082	\$1,918,185
570-010	Books, Publications, Subscriptions, and Memberships	\$21,328	\$33,689	\$27,630	\$18,772	\$3,690	\$29,980
570-020	Books, Publications, Subscriptions, and Memberships - Board	\$300	\$75	\$595	\$227	\$0	\$600
571-010	Training and Development	\$38,964	\$41,147	\$85,650	\$49,821	\$241	\$89,100
572-010	Travel and Per Diem	\$47,076	\$0	\$59,900	\$11,940	\$0	\$163,100
572-020	Travel and Per Diem - Board	\$0	\$0	\$7,280	\$0	\$0	\$13,250
573-010	Meeting Expense	\$13,067	\$1,625	\$22,200	\$6,478	\$0	\$42,170
573-020	Meeting Expense - Board	\$1,037	\$301	\$2,000	\$1,527	\$0	\$6,500
582-000	Interest Expense	\$2,126,288	\$2,949,517	\$2,860,863	\$2,288,951	\$571,912	\$2,619,332

Operating Expense Summary

		FY 2019 - 2020 Actual	FY 2020 - 2021	FY 2021-2022 Budget	FY 2021 - 2022 Expensed Amount as of 4/30/22	Encumbrance Amount	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	\$5,119,727	\$50,367	\$4,961,483
682-000	Debt Principal Repayment	\$5,031,869	\$5,160,541	\$5,170,095	\$5,119,727	\$50,367	\$4,961,483
Water Utility Fund - Non Budgetary Operating Expenses		\$7,232,012	\$7,142,016	\$7,942,735	\$5,877,900	\$0	\$7,425,941
580-000	Depreciation	\$7,000,563	\$6,906,157	\$7,190,082	\$5,739,332	\$0	\$7,190,082
581-000	Amortization	\$231,449	\$235,859	\$752,653	\$138,568	\$0	\$235,859
580-000	Inflows/Outflows	-\$41,932	-\$32,274	-\$41,932	-\$44,078	\$0	-\$75,562

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 Expensed Amount	Encumbered	FY 2022-2023 Proposed Budget
OPERATING EXPENSES (Detail)							
Water Utility Fund Operating Expenses		\$25,837,255	\$27,280,268	\$29,617,792	\$20,316,429	\$4,253,397	\$30,787,791
510-010	Salaries and Wages (includes compensated annual leaves and comp time.)	\$5,724,655	\$5,041,605	\$7,278,750	\$5,029,674	\$0	\$7,473,096
10-01-10-510-010	WU - Admin - Admin - Salaries and Wages	\$670,639	\$610,292	\$844,504	\$668,886		\$918,393
10-02-10-510-010	WU - IT - Admin - Salaries and Wages	\$106,481	\$62,643	\$237,312	\$115,320		\$223,112
10-10-40-510-010	WU - Qual - Purification - Salaries and Wages	\$247,436	\$232,607	\$250,080	\$185,665		\$215,097
10-20-10-510-010	WU - Eng - Admin - Salaries and Wages	\$244,196	\$195,541	\$316,296	\$150,447		\$439,149
10-21-10-510-010	WU - Const - Admin - Salaries and Wages	\$466,552	\$345,381	\$571,188	\$184,564		\$555,575
10-22-10-510-010	WU - Plan - Admin - Salaries and Wages	\$475,072	\$279,905	\$536,952	\$423,758		\$443,008
10-30-20-510-010	WU - Bill - Collection - Salaries and Wages	\$430,675	\$443,803	\$532,668	\$434,046		\$594,568
10-31-10-510-010	WU - Acctg - Admin - Salaries and Wages	\$486,956	\$428,675	\$607,512	\$400,161		\$701,069
10-40-30-510-010	WU - Ops - Source - Salaries and Wages	\$396,387	\$414,549	\$534,696	\$423,161		\$534,968
10-40-40-510-010	WU - Ops - Purification - Salaries and Wages	\$172,497	\$162,836	\$284,034	\$133,209		\$138,235
10-40-50-510-010	WU - Ops - PowerAndPump - Salaries and Wages	\$195,718	\$164,710	\$201,793	\$168,245		\$211,882
10-40-60-510-010	WU - Ops - TandD - Salaries and Wages	\$1,832,047	\$1,700,663	\$2,361,715	\$1,742,214		\$2,498,040
510-020	Temporary Assignment	\$88,898	\$69,364	\$60,500	\$47,771	\$0	\$60,500
10-01-10-510-020	WU - Admin - Admin - Temporary Assignment	\$4,882	\$3,605	\$2,000	\$1,837		\$2,000
10-02-10-510-020	WU - IT - Admin - Temporary Assignment	\$19,423	\$2,257	\$500	\$5,149		\$500
10-10-40-510-020	WU - Qual - Purification - Temporary Assignment	\$1,058	\$19	\$1,500	\$1,801		\$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	\$6,953		\$5,000
10-30-20-510-020	WU - Bill - Collection - Temporary Assignment	\$10,871	\$3,733	\$5,000	\$1,221		\$5,000
10-31-10-510-020	WU - Acctg - Admin - temporary Assignment	\$7,317	\$9,746	\$10,000	\$6,831		\$10,000
10-40-30-510-020	WU - Ops - Source - Temporary Assignment	\$2,899	\$2,165	\$3,000	\$1,575		\$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	\$476		\$4,000
10-40-60-510-020	WU - Ops - TandD -Temporary Assignment	\$27,703	\$30,132	\$25,000	\$21,365		\$25,000
510-030	Overtime	\$554,465	\$603,710	\$477,000	\$418,146	\$0	\$513,400
10-01-10-510-030	WU - Admin - Admin - Overtime	\$29,160	\$17,863	\$30,000	\$14,379		\$20,000
10-02-10-510-030	WU - IT - Admin - Overtime	\$25,170	\$523	\$30,000	\$24,007		\$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	\$668		\$15,000
10-22-10-510-030	WU - Plan - Admin - Overtime	\$71,189	\$107,807	\$15,000	\$63,807		\$30,000
10-30-20-510-030	WU - Bill - Collection - Overtime	\$44,120	\$8,805	\$60,000	\$6,319		\$60,000
10-31-10-510-030	WU - Acctg - Admin - Overtime	\$62,251	\$68,446	\$60,000	\$70,420		\$65,000
10-40-30-510-030	WU - Ops - Source - Overtime	\$4,834	\$17,401	\$6,000	\$10,305		\$6,600
10-40-40-510-030	WU - Ops - Purification - Overtime	\$36,978	\$26,684	\$30,000	\$27,063		\$33,000
10-40-50-510-030	WU - Ops - PowerAndPump - Overtime	\$18,525	\$16,520	\$8,000	\$8,806		\$8,800
10-40-60-510-030	WU - Ops - TandD - Overtime	\$249,530	\$314,542	\$210,000	\$180,347		\$231,000
510-040	Standby Pay	\$206,280	\$205,795	\$195,000	\$147,905	\$0	\$195,000
10-40-30-510-040	WU - Ops - Source - Standby Pay				\$4,796		\$0
10-40-40-510-040	WU - Ops - Purification - Standby Pay	\$8,731	\$10,375	\$10,000	\$5,649		\$10,000

Operating Expense Detail

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Operating Expense Detail

		FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021-2022 Budget	FY 2021 - 2022 YTD Expensed Amount	Encumbered	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	\$137,461		\$185,000
520-010	Compensated Annual Leave (CAL) (*YTD Actual Expenses - CAL were added to YTD Actual Expenses - Salaries & Wages)	\$0	\$0	\$0	\$0		\$0
520-040	Vacation & Compensatory Time Payout	\$32,014	\$0	\$100,000	\$0	\$0	\$100,000
10-01-10-520-040	WU - Admin - Admin - Vacation Payout	\$32,014	\$0	\$90,000	\$0	\$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	\$385,450	\$0	\$638,163
10-01-10-530-010	WU - Admin - Admin - FICA	\$45,581	\$47,677	\$74,703	\$50,069		\$79,590
10-02-10-530-010	WU - IT - Admin - FICA	\$11,791	\$6,228	\$20,488	\$11,033		\$19,401
10-10-40-530-010	WU - Qual - Purification - FICA	\$17,925	\$20,324	\$19,475	\$14,898		\$16,837
10-20-10-530-010	WU - Eng - Admin - FICA	\$18,030	\$18,812	\$25,038	\$13,117		\$34,475
10-21-10-530-010	WU - Const - Admin - FICA	\$32,605	\$31,394	\$44,996	\$13,700		\$43,802
10-22-10-530-010	WU - Plan - Admin - FICA	\$39,807	\$33,211	\$42,607	\$32,586		\$36,568
10-30-20-530-010	WU - Bill - Collection - FICA	\$31,979	\$40,507	\$45,722	\$31,684		\$50,457
10-31-10-530-010	WU - Acctg - Admin - FICA	\$39,100	\$41,208	\$51,830	\$34,910		\$59,369
10-40-30-530-010	WU - Ops - Source - FICA	\$28,196	\$35,983	\$41,593	\$27,285		\$41,659
10-40-40-530-010	WU - Ops - Purification - FICA	\$16,711	\$17,284	\$24,903	\$15,419		\$13,979
10-40-50-530-010	WU - Ops - PowerAndPump - FICA	\$15,718	\$16,106	\$16,355	\$10,457		\$17,188
10-40-60-530-010	WU - Ops - TandD - FICA	\$163,067	\$188,828	\$212,801	\$130,292		\$224,837
530-020	Retirement Contributions	\$4,136,843	\$3,340,960	\$1,935,900	\$1,146,770	\$0	\$1,978,079
10-01-10-530-020	WU - Admin - Admin - Retirement Contributions	\$414,583	\$319,688	\$223,561	\$131,535		\$225,694
10-02-10-530-020	WU - IT - Admin - Retirement Contributions	\$90,215	\$41,353	\$64,275	\$28,913		\$60,867
10-10-40-530-020	WU - Qual - Purification - Retirement Contributions	\$165,329	\$141,284	\$61,099	\$45,844		\$52,823
10-20-10-530-020	WU - Eng - Admin - Retirement Contributions	\$161,832	\$131,513	\$78,551	\$38,095		\$108,156
10-21-10-530-020	WU - Const - Admin - Retirement Contributions	\$304,848	\$221,299	\$141,165	\$43,845		\$137,418
10-22-10-530-020	WU - Plan - Admin - Retirement Contributions	\$366,997	\$241,878	\$133,668	\$118,353		\$114,722
10-30-20-530-020	WU - Bill - Collection - Retirement Contributions	\$307,558	\$288,216	\$143,440	\$106,329		\$158,296
10-31-10-530-020	WU - Acctg - Admin - Retirement Contributions	\$357,868	\$285,216	\$162,603	\$108,883		\$186,257
10-40-30-530-020	WU - Ops - Source - Retirement Contributions	\$270,995	\$259,305	\$130,487	\$86,829		\$130,696
10-40-40-530-020	WU - Ops - Purification - Retirement Contributions	\$153,525	\$112,083	\$78,128	\$30,642		\$43,856
10-40-50-530-020	WU - Ops - PowerAndPump - Retirement Contributions	\$149,447	\$115,572	\$51,310	\$34,477		\$53,924
10-40-60-530-020	WU - Ops - TandD - Retirement Contributions	\$1,393,647	\$1,183,552	\$667,611	\$373,025		\$705,370
530-030	Life and Health Insurance	\$530,772	\$538,967	\$677,955	\$435,137	\$0	\$689,383
10-01-10-530-030	WU - Admin - Admin - Life and Health Insurance	\$50,091	\$43,085	\$55,742	\$47,199		\$77,978
10-02-10-530-030	WU - IT - Admin - Life and Health Insurance	\$14,452	\$6,802	\$16,052	\$9,790		\$20,165
10-10-40-530-030	WU - Qual - Purification - Life and Health Insurance	\$11,099	\$11,377	\$11,232	\$6,169		\$1,227
10-20-10-530-030	WU - Eng - Admin - Life and Health Insurance	\$19,423	\$18,699	\$28,477	\$17,211		\$37,944
10-21-10-530-030	WU - Const - Admin - Life and Health Insurance	\$43,482	\$12,499	\$43,262	\$16,527		\$56,263
10-22-10-530-030	WU - Plan - Admin - Life and Health Insurance	\$53,012	\$44,213	\$64,083	\$46,649		\$35,733
10-30-20-530-030	WU - Bill - Collection - Life and Health Insurance	\$41,308	\$46,380	\$50,161	\$32,519		\$41,543
10-31-10-530-030	WU - Acctg - Admin - Life and Health Insurance	\$42,397	\$49,762	\$61,451	\$50,750		\$76,641
10-40-30-530-030	WU - Ops - Source - Life and Health Insurance	\$31,001	\$45,811	\$48,463	\$38,399		\$58,530
10-40-40-530-030	WU - Ops - Purification - Life and Health Insurance	\$9,346	\$7,805	\$13,890	\$3,150		\$4,627

Operating Expense Detail

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Operating Expense Detail

		FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021-2022 Budget	FY 2021 - 2022 YTD Expensed Amount	Encumbered	FY 2022-2023 Proposed Budget
OPERATING EXPENSES (Detail)							
10-40-50-530-030	WU - Ops - PowerAndPump - Life and Health Insurance	\$19,354	\$19,877	\$19,694	\$13,774		\$12,323
10-40-60-530-030	WU - Ops - TandD - Life and Health Insurance	\$195,808	\$232,657	\$265,448	\$153,001		\$266,410
530-040	Workers Compensation	\$0	\$0	\$0	\$0		\$0
530-060	Post-Employment Benefits (OPEB)	\$1,041,000	\$998,491	\$1,143,000	\$1,131,851	\$11,149	\$1,058,000
10-01-10-530-060	WU - Admin - Admin - OPEB	\$121,952	\$89,076	\$132,615	\$150,523		\$130,021
10-02-10-530-060	WU - IT - Admin - OPEB	\$19,363	\$9,652	\$37,266	\$25,951		\$31,587
10-10-40-530-060	WU - Qual - Purification - OPEB	\$44,995	\$39,125	\$39,271	\$41,781		\$30,452
10-20-10-530-060	WU - Eng - Admin - OPEB	\$44,406	\$36,740	\$49,669	\$33,856		\$62,172
10-21-10-530-060	WU - Const - Admin - OPEB	\$84,840	\$92,625	\$89,695	\$41,533		\$78,655
10-22-10-530-060	WU - Plan - Admin -OPEB	\$86,389	\$66,118	\$84,319	\$95,360		\$62,719
10-30-20-530-060	WU - Bill - Collection - OPEB	\$78,316	\$81,167	\$83,646	\$97,675		\$84,176
10-31-10-530-060	WU - Acctg - Admin - OPEB	\$88,551	\$81,796	\$95,399	\$90,050		\$99,253
10-40-30-530-060	WU - Ops - Source - OPEB	\$72,081	\$72,037	\$83,965	\$95,226		\$75,738
10-40-40-530-060	WU - Ops - Purification - OPEB	\$31,368	\$33,502	\$44,603	\$29,977		\$19,571
10-40-50-530-060	WU - Ops - PowerAndPump - OPEB	\$35,590	\$32,247	\$31,688	\$37,861		\$29,997
10-40-60-530-060	WU - Ops - TandD - OPEB	\$333,149	\$364,407	\$370,866	\$392,059		\$353,659
540-010	Professional Services - General	\$2,243,026	\$1,945,728	\$4,087,150	\$1,549,875	\$2,967,501	\$4,353,100
10-01-10-540-010	WU - Admin - Admin - Professional Services - General	\$199,852	\$87,917	\$305,300	\$57,843	\$21,362	\$406,500
10-02-10-540-010	WU - IT - Admin - Professional Services - General	\$526,502	\$729,917	\$70,000	\$29,173	\$12,540	\$580,000
10-10-40-540-010	WU - Qual - Purification - Professional Services - General	\$103,957	\$27,736	\$45,250	\$328,968	\$19,598	\$0
10-20-10-540-010	WU - Eng - Admin - Professional Services - General	\$445,056	\$342,032	\$245,000	\$784,459	\$258,447	\$2,925,000
10-21-10-540-010	WU - Const - Admin - Professional Services - General	\$530,630	\$412,726	\$1,000,000	\$34,716	\$1,026,824	\$0
10-22-10-540-010	WU - Plan - Admin - Professional Services - General	\$430,041	\$137,480	\$1,635,000	\$269,974	\$1,504,371	\$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	\$124,358	\$41,600
10-40-60-540-010	WU - Ops - TandD - Professional Services - General	\$0	\$0	\$550,000	\$0	\$0	\$400,000
540-020	Professional Services - Accounting and Auditing	\$69,900	\$84,500	\$106,800	\$74,100	\$0	\$120,000
10-31-10-540-020	WU - Acctg - Admin - Professional Services - Accounting and Auditing	\$69,900	\$84,500	\$106,800	\$74,100	\$0	\$120,000
541-010	Other Services	\$40,503	\$46,774	\$51,800	\$40,641	\$1,092	\$77,200
10-01-10-541-010	WU - Admin - Admin - Other Services	\$10,834	\$3,371	\$1,500	\$0	\$0	\$0
10-30-20-541-010	WU - Bill - Collection - Other Services	\$15,083	\$21,280	\$26,700	\$20,943	\$1,092	\$33,200
10-31-10-541-010	WU - Acctg - Admin - Other Services	\$13,924	\$21,806	\$21,600	\$19,190	\$0	\$42,000
10-40-60-541-010	WU - Ops - TandD - Other Services	\$662	\$317	\$2,000	\$508	\$0	\$2,000
541-020	Billing Costs	\$117,017	\$134,244	\$214,556	\$124,649	\$0	\$223,790
10-30-20-541-020	WU - Bill - Collection - Billing Costs	\$117,017	\$134,244	\$214,556	\$124,649	\$0	\$223,790
542-010	Public Relations - General	\$91,950	\$44,688	\$82,900	\$67,746	\$17,711	\$90,950
10-01-10-542-010	WU - Admin - Admin - Public Relations - General	\$91,950	\$44,688	\$82,900	\$67,746	\$17,711	\$90,950
542-020	Procurement Advertising	\$8,127	\$37,589	\$10,000	\$9,677	\$0	\$5,000
10-01-10-542-020	WU - Admin - Admin - Procurement Advertising	\$8,127	\$37,589	\$10,000	\$9,677	\$0	\$5,000
543-000	Communication Services	\$117,611	\$124,875	\$138,780	\$92,486	\$8,550	\$145,312
10-01-50-543-000	WU/Admin/PowerAndPump - Communication Services						\$0
10-02-10-543-000	WU - IT - Admin - Communication Services	\$74,341	\$108,046	\$91,696	\$79,112	\$8,550	\$87,828
10-02-50-543-000	WU - IT - PowerAndPump - Communication Services	\$43,270	\$16,778	\$47,084	\$13,374	\$0	\$57,484
10-40-50-543-000	WU - Ops - PowerAndPump - Communication Services	\$0	\$51	\$0	\$0	\$0	\$0

Operating Expense Detail

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Operating Expense Detail

		FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021-2022 Budget	FY 2021 - 2022 YTD Expensed Amount	Encumbered	FY 2022-2023 Proposed Budget
OPERATING EXPENSES (Detail)							
544-000	Freight and Postage	\$2,152	\$3,482	\$4,600	\$154,164	\$0	\$11,000
10-01-10-544-000	WU - Admin - Admin - Freight and Postage	\$1,412	\$2,070	\$3,100	\$2,000	\$0	\$5,000
10-02-10-544-000	WU - IT - Admin - Freight and Postage	\$0	\$1,000	\$0	\$248	\$0	\$0
10-20-10-544-000	WU - Eng - Admin - Freight and Postage	\$0	0.00%	0	150,800	\$0	\$3,000
10-10-40-544-000	WU - Qual - Purification - Freight and Postage	\$740	\$412	\$1,500	\$1,116	\$0	\$3,000
545-000	Rentals and Leases	\$65,845	\$73,601	\$134,100	\$84,064	\$11,598	\$153,600
10-01-10-545-000	WU - Admin - Admin - Rentals and Leases	\$21,171	\$22,230	\$50,900	\$38,889	\$0	\$67,100
10-02-10-545-000	WU - IT - Admin - Rentals and Leases	\$22,380	\$18,376	\$33,200	\$36,446	\$2,908	\$36,500
10-40-60-545-000	WU - Ops - TandD - Rentals and Leases	\$22,294	\$32,995	\$50,000	\$8,729	\$8,690	\$50,000
546-000	Insurance	\$99,701	\$96,703	\$5,000	\$2,080	\$0	\$130,000
10-01-10-546-000	WU - Admin - Admin - Insurance	\$99,701	\$96,703	\$5,000	\$2,080	\$0	\$130,000
547-000	County Service Charge	\$2,174,298	\$2,201,634	\$2,174,298	\$1,834,695	\$0	\$2,201,634
10-00-10-547-000	WU - County Service Charge	\$2,174,298	\$2,201,634	\$2,174,298	\$1,834,695	\$0	\$2,201,634
551-000	Utility Services	\$2,425,709	\$2,502,528	\$2,863,878	\$2,360,681	\$0	\$3,147,500
10-01-10-551-000	WU - Admin - Admin - Utility Services	\$114,165	\$141,797	\$171,500	\$119,114	\$0	\$179,800
10-40-50-551-000	WU - Ops - PowerAndPump - Utility Services	\$2,311,544	\$2,360,731	\$2,700,000	\$2,241,568	\$0	\$2,967,700
560-000	Repairs and Maintenance - Water System	\$308,397	\$45,935	\$211,000	\$177,917	\$237,045	\$360,000
10-40-50-501-000	W/U - Ops - Powerand Pump - Emergency Repairs	\$1,641	\$0	\$0	\$0	\$0	\$0
10-40-50-560-000	WU - Ops - Source - Repairs and Maintenance - Water System	\$57,480	\$17,678	\$40,000	\$16,173	\$4,107	\$40,000
10-40-60-560-000	WU - Ops - TandD - Repairs and Maintenance - Water System	\$249,276	\$28,257	\$171,000	\$161,744	\$232,938	\$320,000
561-000	Repairs and Maintenance - Other than Water System	\$500,203	\$461,944	\$1,077,300	\$339,032	\$228,144	\$1,334,489
10-01-10-561-000	WU - Admin - Admin - Repairs and Maintenance - Other than Water System	\$1,641	\$10,550	\$0	\$0	\$0	\$0
10-02-10-561-000	WU - IT - Admin - Repairs and Maintenance - Other than Water System	\$386,466	\$233,733	\$547,100	\$173,349	\$160,530	\$834,489
10-10-40-561-000	WU - Qual - Purification - Repairs and Maintenance - Other than Water System	\$3,624	\$9,144	\$4,000	\$1,116	\$0	\$0
10-20-10-561-000	WU - Eng - Admin - Repairs and Maintenance - Other than Water System	\$0	\$0	\$0	\$0	\$0	\$5,000
10-21-40-561-000	WU - Const - Admin - Repairs and Maintenance - Other than Water System	\$0	\$0	\$0	\$6,091	\$0	\$0
10-22-10-561-000	WU - Plan - Admin - Repairs and Maintenance - Other than Water System	\$0	\$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	\$0
10-31-10-561-000	WU - Acctg - Admin - Repairs and Maintenance - Other than Water System	\$0	\$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	\$158,475	\$67,615	\$495,000
562-000	Office Supplies	\$11,901	\$17,869	\$22,000	\$14,283	\$752	\$29,000
10-01-10-562-000	WU - Admin - Admin - Office Supplies	\$0	\$0	\$0	\$0	\$0	\$0
10-31-10-562-000	WU - Accounting - Admin - Office Supplies	\$11,901	\$17,869	\$22,000	\$14,283	\$752	\$29,000
563-000	Operating Supplies	\$884,929	\$979,530	\$936,220	\$789,682	\$189,754	\$642,380
10-01-10-563-000	WU - Admin - Admin - Operating Supplies	\$5,905	\$4,493	\$5,000	\$11,842	\$0	\$10,000
10-02-10-563-000	WU - IT - Admin - Operating Supplies	\$32,279	\$78,158	\$58,000	\$30,733	\$21,452	\$53,000
10-10-40-563-000	WU - Qual - Purification - Operating Supplies	\$13,225	\$13,553	\$15,000	\$0	\$0	\$0
10-20-10-563-000	WU - Eng - Admin - Operating Supplies	\$0	\$0	\$300	\$6,091	\$0	\$26,000
10-21-10-563-000	WU - Const - Admin - Operating Supplies	\$1,637	\$31,099	\$4,500	\$0	\$0	\$0
10-22-10-563-000	WU - Plan - Admin - Operating Supplies	\$162	\$2,453	\$1,000	\$13,114	\$3,690	\$0
10-30-20-563-000	WU - Bill - Collection - Operating Supplies	\$4,323	\$6,212	\$4,500	\$11,634	\$1,421	\$6,500
10-31-10-563-000	WU - Acctg - Admin - Operating Supplies	\$992	\$1,432	\$3,000	\$4,534	\$107	\$4,000
10-40-30-563-000	WU - Ops - Source - Operating Supplies	\$86,811	\$63,026	\$60,000	\$50,444	\$106	\$60,000
10-40-40-563-000	WU - Ops - Purification - Operating Supplies	\$98,154	\$125,011	\$101,920	\$79,260	\$0	\$152,880

Operating Expense Detail

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Operating Expense Detail

		FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021-2022 Budget	FY 2021 - 2022 YTD Expensed Amount	Encumbered	FY 2022-2023 Proposed Budget
OPERATING EXPENSES (Detail)							
10-40-50-563-000	WU - Ops - PowerAndPump - Operating Supplies	\$69,278	\$90,508	\$35,000	\$30,354	\$6,655	\$35,000
10-40-60-563-000	WU - Ops - TandD - Operating Supplies	\$560,290	\$563,586	\$255,000	\$241,940	\$34,453	\$275,000
10-40-50-563-010	WU - Ops - PowerAndPump - Operating Supplies - Invty. Stock	\$11,873	\$0	\$15,000	\$81,666	\$14,995	\$20,000
10-40-60-563-010	WU - Ops - TandD - Operating Supplie - Invty. Stock	\$0	\$0	\$378,000	\$228,069	\$106,875	\$0
564-000	Fuel	\$105,941	\$101,759	\$122,500	\$123,551	\$1,176	\$175,000
10-40-60-564-000	WU - Ops - TandD - Fuel	\$105,941	\$101,759	\$122,500	\$123,551	\$1,176	\$175,000
565-000	Bulk Water Purchase	\$1,546,547	\$4,054,076	\$1,820,176	\$1,356,684	\$3,082	\$1,918,185
10-40-30-565-000	WU - Ops - Source - Bulk Water Purchase (Reclass)	\$1,546,547	\$4,054,076	\$1,820,176	\$1,356,684	\$3,082	\$1,918,185
10-40-60-565-000	WU - Ops - TandD - Bulk Water Purchase	\$0	\$0	\$0	\$0	\$0	\$0
570-010	Books, Publications, Subscriptions, and Memberships	\$21,328	\$33,689	\$27,630	\$18,772	\$3,690	\$29,980
10-01-10-570-010	WU - Admin - Admin - Books, Publications, Subscriptions, and Memberships	\$19,441	\$20,676	\$21,270	\$5,692	\$0	\$23,370
10-02-10-570-010	WU - IT - Admin - Books, Publications, Subscriptions, and Memberships	\$962	\$12,178	\$500	\$0	\$0	\$500
10-10-40-570-010	WU - Qual - Purification - Books, Publications, Subscriptions, and Memberships	\$0	\$0	\$0	\$0	\$0	\$0
10-20-10-570-010	WU - Eng - Admin - Books, Publications, Subscriptions, and Memberships	\$0	\$0	\$0	\$169	\$895	\$5,000
10-21-10-570-010	WU - Const - Admin - Books, Publications, Subscriptions, and Memberships	\$775	\$685	\$650	\$10,568	\$2,010	\$0
10-22-10-570-010	WU - WRP - Admin - Books, Publications, Subscriptions, and Memberships	\$0	\$0	\$3,900	\$2,193	\$785	\$0
10-30-20-570-010	WU - Bill - Collection - Books, Publications, Subscriptions, and Memberships	\$0	\$0	\$350	\$0	\$0	\$300
10-31-10-570-010	WU - Acctg - Admin - Books, Publications, Subscriptions, and Memberships	\$150	\$150	\$760	\$150	\$0	\$810
10-40-60-570-010	WU - Ops - TandD - Books, Publications, Subscriptions, and Memberships	\$0	\$0	\$0	\$0	\$0	\$0
570-020	Books, Publications, Subscriptions, and Memberships - Board	\$300	\$75	\$595	\$227	\$0	\$600
10-01-10-570-020	WU - Admin - Admin - Books, Publications, Subscriptions, and Memberships - B	\$300	\$75	\$595	\$227	\$0	\$600
571-010	Training and Development	\$38,964	\$41,147	\$85,650	\$49,821	\$241	\$89,100
10-01-10-571-010	WU - Admin - Admin - Training and Development	\$11,933	\$1,678	\$26,500	\$2,897	\$241	\$15,500
10-02-10-571-010	WU - IT - Admin - Training and Development	\$1,806	\$39	\$2,000	\$626	\$0	\$6,600
10-10-40-571-010	WU - Qual - Purification - Training and Development	\$60	\$0	\$1,600	\$2,278	\$0	\$5,000
10-20-10-571-010	WU - Eng - Admin - Training and Development	\$375	\$0	\$500	\$184	\$0	\$26,000
10-21-10-571-010	WU - Const - Admin - Training and Development	\$1,639	\$0	\$3,300	\$0	\$0	\$0
10-22-10-571-010	WU - Plan - Admin - Training and Development	\$1,100	\$18,653	\$18,000	\$987	\$0	\$0
10-30-20-571-010	WU - Bill - Collection - Training and Development	\$0	\$0	\$3,000	\$0	\$0	\$3,000
10-31-10-571-010	WU - Acctg - Admin - Training and Development	\$187	\$3,388	\$5,750	\$1,764	\$0	\$3,000
10-40-60-571-010	WU - Ops - TandD - Training and Development	\$21,864	\$17,389	\$25,000	\$41,085	\$0	\$30,000
572-010	Travel and Per Diem	\$47,076	\$0	\$59,900	\$11,940	\$0	\$163,100
10-01-10-572-010	WU - Admin - Admin - Travel and Per Diem	\$31,341	\$0	\$59,900	\$7,637	\$0	\$53,130
10-02-10-572-010	WU - IT - Admin - Travel and Per Diem	\$0	\$0	\$0	\$0	\$0	\$15,000
10-20-10-572-010	WU - Eng - Admin - Travel and Per Diem	\$225	\$0	\$0	\$1,291	\$0	\$65,250
10-21-10-572-010	WU - Const - Admin - Travel and Per Diem	\$2,195	\$0	\$0	\$1,824	\$0	\$0
10-22-10-572-010	WU - Plan - Admin - Travel and Per Diem	\$5,888	\$0	\$0	\$0	\$0	\$0
10-30-20-572-010	WU - Bill - Collection - Travel and Per Diem	\$1,809	\$0	\$0	\$0	\$0	\$5,000
10-31-10-572-010	WU - Acc - Admin - Travel and Per Diem	\$212	\$0	\$0	\$214	\$0	\$5,720
10-40-40-572-010	WU - Ops - Purification - Travel and Per Diem						
10-40-50-572-010	WU - Ops - PowerAndPump - Travel and Per Diem						
10-40-60-572-010	WU - Ops - TandD - Travel and Per Diem	\$5,406	\$0	\$0	\$975	\$0	\$19,000
572-020	Travel and Per Diem - Board	\$0	\$0	\$7,280	\$0	\$0	\$13,250
10-01-10-572-020	WU - Admin - Admin - Travel and Per Diem - Board	\$0	\$0	\$7,280	\$0	\$0	\$13,250

Operating Expense Detail

		FY 2019 - 2020 Actual	FY 2020 - 2021 Actual	FY 2021-2022 Budget	FY 2021 - 2022 YTD Expensed Amount	Encumbered	FY 2022-2023 Proposed Budget
OPERATING EXPENSES (Detail)							
573-010	Meeting Expense	\$13,067	\$1,625	\$22,200	\$6,478	\$0	\$42,170
10-01-10-573-010	WU - Admin - Admin - Meeting Expense	\$8,987	\$1,625	\$17,500	\$4,654	\$0	\$16,970
10-02-10-573-010	WU - IT - Admin - Meeting Expense	\$0	\$0	\$0	\$0	\$0	\$8,000
10-20-10-573-010	WU - Eng - Admin - Meeting Expense	\$0	\$0	\$200	\$0	\$0	\$16,000
10-21-10-573-010	WU - Const - Admin - Meeting Expense	\$2,200	\$0	\$0	\$0	\$0	\$0
10-22-10-573-010	WU - WRP - Admin - Meeting Expense	\$880	\$0	\$4,500	\$1,824	\$0	\$0
10-30-20-573-010	WU - Bill - Collection - Meeting Expense	\$0	\$0	\$0	\$0	\$0	\$600
10-31-10-573-010	WU - Acctg - Admin - Meeting Expense	\$0	\$0	\$0	\$0	\$0	\$600
10-40-60-573-010	WU - Ops - TandD - Meeting Expense	\$1,000	\$0	\$0	\$0	\$0	\$0
573-020	Meeting Expense - Board	\$1,037	\$301	\$2,000	\$1,527	\$0	\$6,500
10-01-10-573-020	WU - Admin - Admin - Meeting Expense - Board	\$1,037	\$301	\$2,000	\$1,527	\$0	\$6,500
582-000	Interest Expense	\$2,126,288	\$2,949,517	\$2,860,863	\$2,288,951	\$571,912	\$2,619,332
10-00-00-582-000	WU - Interest Expense	\$2,126,288	\$2,949,517	\$2,860,863	\$2,288,951	\$571,912	\$2,619,332
Water Utility Fund Bond and Loan Repayment		\$5,031,869	\$5,160,541	\$5,170,095	\$5,119,727	\$50,367	\$4,961,483
682-000	Debt Principal Repayment	\$5,031,869	\$5,160,541	\$5,170,095	\$5,119,727	\$50,367	\$4,961,483
10-00-00-682-000	WU - Debt Principal Repayment	\$5,031,869	\$5,160,541	\$5,170,095	\$5,119,727	\$50,367	\$4,961,483
Water Utility Fund - Non Cash Operating Expenses		\$7,190,080	\$7,109,742	\$7,900,803	\$5,833,822	\$0	\$7,350,379
10-00-90-580-000	WU - Depreciation - Depreciation	\$7,000,563	\$6,906,157	\$7,190,082	\$5,739,332	\$0	\$7,190,082
10-00-90-581-000	WU - Depreciation - Amortization	\$231,449	\$235,859	\$752,653	\$138,568	\$0	\$235,859
10-00-90-582-000	WU - Bond Inflows & Outflows	-\$41,932	-\$32,274	-\$41,932	-\$44,078	\$0	-\$75,562

Misc. Capital Outlay

		FY 2019- 2020 Actual	FY 2020- 2021 Actual	FY 2021- 2022 Budget	FYTD Expensed Amount	Encumbered Amount	Proposed Budget FY 2022- 2023
CAPITAL Outlay (New Appropriations)		\$799,458	\$922,327	\$1,648,700	\$400,977	\$641,199	\$6,234,397
Water Utility Fund (Misc. Capital Purchases - Replacement)		\$675,928	\$467,965	\$628,700	\$346,264	\$535,894	\$5,491,897
10-01-00-604-999	WU-Admin-RandR Capital Purchases	\$0	\$0	\$0	\$0	\$0	\$0
10-02-00-604-999	WU-IT-RandR Capital Purchases	\$126,578	\$46,325	\$179,000	\$10,900	\$61,476	\$2,105,000
10-10-40-604-999	WU-Qual-Purification-RandR Capital Purchases	\$35,695	\$0	\$0	\$0	\$0	\$0
10-20-00-604-999	WU-Eng/Admin/Capital Purchases	\$0	\$0	\$0	\$0	\$0	\$20,000
10-21-00-604-999	WU-Const/Admin/Capital Purchases	\$0	\$1,217	\$200	\$0	\$0	\$0
10-30-00-604-999	WU-Fiscal-RandR Capital Purchases	\$0	\$0	\$50,000	\$12,823	\$60,897	\$60,897
10-40-00-604-999	WU-Ops-RandR Capital Purchases	\$513,655	\$420,423	\$399,500	\$322,542	\$413,520	\$3,306,000
Water Utility Fund (Misc. Capital Purchases - New)		\$123,530	\$454,362	\$1,020,000	\$54,713	\$105,305	\$742,500
10-01-00-605-999	WU-Admin-RandR Capital Purchases	\$0	\$0	\$0	\$0	\$0	\$0
10-02-00-605-999	WU-IT-Expansion Capital Purchases	\$32,499	\$50,980	\$120,000	\$41,988	\$3,225	\$72,000
10-10-40-605-999	WU-Qual-Expansion Capital Purchases	\$0	\$0	\$0	\$0	\$0	\$0
10-20-00-605-999	WU-Eng/Admin/Capital Purchases	\$0	\$0	\$0	\$0	\$0	\$0
10-21-00-605-999	WU-Cons/Admin/Capital Purchases	\$0	\$0	\$10,000	\$0	\$0	\$0
10-30-00-605-999	WU-Fiscal-RandR Capital Purchases	\$0	\$0	\$775,000	\$0	\$0	\$0
10-31-00-605-999	WU-Const/Admin/Capital Purchases	\$0	\$0	\$0	\$0	\$0	\$0
10-40-00-605-999	WU-Ops-Expansion Capital Purchases	\$91,031	\$403,382	\$115,000	\$12,725	\$102,080	\$670,500

New Capital Outlay

		FY 2019- 2020 Actual	FY 2020- 2021 Actual	FY 2021- 2022 Budget	FY 2021- 2022 Expensed as of 4/30/22	Encumbrance Amount	Proposed Budget FY 2022- 2023
CAPITAL OUTLAY - CIP (New Appropriations)		\$4,114,217	\$2,861,189	\$46,510,000	\$108,512	\$11,644,011	\$44,599,938
Water Utility Fund (Capital Outlay - Rehabilitation & Replacement- Design)		\$166,636	\$156,271	\$0	\$28,917	\$768,475	\$2,100,000
10-20-00-604-001	WU-Eng-ALLR-KW-07 Paua Valley Tank Repair	\$5,618	\$0	\$0	\$0	\$17,270	\$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	\$28,579	\$108,491	\$100,000
10-20-00-604-149	WU-Eng-Kuhio Hwy (N. Papaloa to Waikaea Canal) Main Replace (RR 56%)	\$0	\$0	\$0	\$0		\$500,000
10-20-00-604-157	WU-Kilauea Wells MCC rehab	\$0	\$0	\$0	\$338	\$66,864	\$0
10-20-00-604-160	WU-Job 18-02 Islandwide Rehabilitation of Tanks	\$66,928	\$0	\$0	\$0	\$346,218	\$0
10-20-00-604-162	WU-Eng-17-13 & 14, Engineering Services for Islandwide Vulnerability and Resiliency Assessment.	\$0	\$130,388	\$0			\$0
10-20-00-604-164	WU-Eng-Job. 18-9 Makaleha Tunnel					\$229,632	
10-20-00-604-169	Baseyard MP Ph 1	\$0	\$17,735	\$0			\$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 (Misc. Capital Purchases - Expansion)		\$0	\$0	\$200,000	\$0	\$125,000	\$0
10-20-00-605-017	18" Cane Haul Road Main						
10-20-00-605-xxx	Kuhio Hwy (Hardy-Oxford) 16" Main replacement (EXP 44% of \$150K)						
10-20-00-605-xxx	Kilauea 1.0 MG tank (EXP 90%)						
10-20-00-605-117	UH Experiment Station Tank			\$200,000			\$0
10-20-00-605-139	WU-Eng-ALLE-02-11 M-02 100K Tank & Pipeline Moloaa					\$125,000	\$0
Water Utility Fund/Const/R&R & Exp		\$860,742	\$2,661,668	\$2,500,000	\$61,988	\$8,956,202	\$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		\$2,546,002	\$0
10-21-00-604-001	Paua Valley Tank Repair	\$0	\$107,541	\$0	\$61,988	\$2,210,848	\$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	Kukuiofono Tank Demo	\$0	\$0	\$1,100,000	\$0	\$400,016	\$0
10-21-00-604-XXX	Manoa Stream WL Emergency Repairs			\$500,000			
10-21-00-604-XXX	Makaleha WL Emergency Repairs			\$500,000			
10-21-00-605-017	Job 16-02 PLH-35B Kapaia Cane Haul Rd 18" Main	\$0	\$0	\$0	\$0	\$3,195,675	\$0
10-21-00-605-118	Job 02-14 WK39 WK08 Kapaa Hmstd Well 4; Pkg A Well	\$0	\$0	\$0	\$0	\$603,661	\$0
Water Utility Fund (Capital Outlay - Rehabilitation & Replacement- Operations)		\$816,226	\$0	\$1,450,000	\$0	\$20,714	\$1,099,938
10-40-00-604-166	SWTP - Water Treatment Delivery Agreement with Grove Farm - R&R	\$816,226	\$0	\$0			
10-40-00-604-171	Replace Submersible Pump			\$150,000		\$20,714	
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

New Capital Outlay

		FY 2019- 2020 Actual	FY 2020- 2021 Actual	FY 2021- 2022 Budget	FY 2021- 2022 Expensed as of 4/30/22	Encumbrance Amount	Proposed Budget FY 2022- 2023
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			\$600,000			\$699,938
10-40-00-605-XXX	DOW Baseyard Phase I						\$0
FRC Fund (Capital Projects - Expansion - Design)		\$31,033	\$0	\$860,000	\$0	\$396,168	\$1,400,000
20-20-00-605-117	UH Experiment Station Tank - land acquisition	\$0	\$0	\$0	\$0	\$26,832	\$300,000
20-20-00-605-118	Develop Kapaa Well No. 4 site improvements (production well)	\$31,033	\$0	\$700,000	\$0	\$56,709	\$700,000
20-20-00-605-120	FRC-Eng-Kilauea 1.0 MG tank (EXP 90%)	\$0	\$0	\$0	\$0	\$7,212	\$0
20-20-00-605-153	FRC-Eng-Haena 0.2 MG tank	\$0	\$0	\$0	\$0	\$8,175	\$0
20-20-00-605-154	FRC-Eng-Drill and Test Kilauea Well #3 (EXP)	\$0	\$0	\$0	\$0	\$297,240	\$0
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
FRC Fund (Capital Projects - Expansion - Construction)		\$0	\$0	\$400,000	\$0	\$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	\$0
30-21-00-604-107	BAB-Cns-ALLR-XX-YY KP-09-MCC Chlor KoloaWell16-A,E	\$44,514	\$0	\$0	\$0		\$0
Bond Fund (Capital Projects: Design) R&R/Expansion		\$67,911	\$0	\$0	\$17,608	\$278,372	\$0
30-20-00-604-105	BAB-Eng-ALLR-09-01 K-01 Kalaheo 1111FT & 1222FT	\$67,911	\$0	\$0	\$5,326	\$42,171	\$0
30-20-00-605-116	BAB-Eng-WK-08-Kapaa Homestead Tank (Ornellas)				\$12,281	\$65,822	
30-20-00-605-120	BAB-Eng-ALLE-02-06WKK15-Kilauea 466 Tank Puu Pane					\$22,649	
30-20-00-605-125	BAB-Eng-98%E-02-01 Land for Kukuilono Tank Site					\$53,508	
30-20-00-605-139	BAB-Eng-ALLE-Moloaa Tank Site Acquisition	\$0	\$0	\$0	\$0	\$94,222	\$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	\$0	\$1,099,078	\$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	\$0	\$7,428	\$2,600,000
30-21-00-605-120	BAB-Cns-90%E-0206WKK15-Kilauea 466 Trn 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	\$1,091,650	\$500,000
Grant Fund (Capital Projects - R&R - Construction)		\$0	\$0	\$2,600,000	\$0	\$0	\$0
40-21-00-604-157	Kilauea 1&2 MCC (Eng. Est. \$4.5M)			\$2,600,000			\$0

New Capital Outlay

		FY 2019- 2020 Actual	FY 2020- 2021 Actual	FY 2021- 2022 Budget	FY 2021- 2022 Expensed as of 4/30/22	Encumbrance Amount	Proposed Budget FY 2022- 2023
Grant Fund (Capital Projects - Expansion - Construction)		\$0	\$0	\$14,700,000	\$0	\$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	\$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			

DEPARTMENT OF WATER

County of Kaua'i

"Water has no Substitute – Conserve It!"

MANAGER'S REPORT No. 22-62

May 26, 2022

Re: Discussion and Possible Action for the Right-of-Entry to University of Hawaii, College of Tropical Agriculture and Human Resources (UH CTAHR) Property for the Wailua Homesteads 0.25 MG Tank Project, TMK: (4) 4-2-001:005, WP2020 No. WK-23 U.H. Experiment Station 605' Tank, 0.25 MG, and 12" Pipeline, Wailua-Kapaa Water System project, Wailua Homesteads, Kaua'i, Hawai'i

RECOMMENDATION:

It is recommended that the Board approve a Right of Entry (ROE) from the University of Hawaii, College of Tropical Agriculture and Human Resources (UH CTAHR) for planning and design related purposes of the 0.25 MG tank and 12" pipeline on TMK: (4) 4-2-001:005.

FUNDING: N/A

BACKGROUND:

The Department of Water, County of Kaua'i is proposing to construct a new 0.25 MG storage tank and connecting pipeline for the Upper Wailua Homesteads water system. This project has been identified in our Water Plan 2020 and will improve our water system's storage, reliability, service, and fire-flow capacity. The planning and design of this project is funded by the Department of Water.

The subject property is owned by the State of Hawai'i and the Department is working with the University of Hawaii, College of Tropical Agriculture and Human Resources (UH CTAHR) to obtain the necessary right of entry to perform the work.

OPTIONS:

Option 1: Approve the Right of Entry (ROE) from UH CTAHR.

Pro: This will allow the DOW to perform the planning and design work for the proposed storage and pipeline improvements within the affected property.

Con: None.

Option 2: Do not approve the Right of Entry (ROE) from UH CTAHR.

Pro: None.

Con: Not approving the submittal of would prevent DOW from acquiring rights to the proposed improvements within the property.

Attachments: UH Kauai DOW CTAHR Wailua Water Tank Preconstruction Right-of-Entry Agreement Exhibit 1

**Preconstruction Right of Entry Agreement
University of Hawai‘i/County of Kauai, Department of Water**

**University of Hawai‘i at Mānoa, College of Tropical Agriculture and Human Resources
Kaua‘i Agricultural Experimental Station**

THIS PRECONSTRUCTION RIGHT OF ENTRY AGREEMENT (“Agreement”) made and entered on _____ (“**Execution Date**”), and shall be effective as of _____ (“**Effective Date**”), between the **UNIVERSITY OF HAWAI‘I**, the state university and a body corporate of the State of Hawai‘i, whose business address is 2444 Dole Street, Bachman Hall, Honolulu, Hawai‘i 96822 (“**UH**”), for the benefit of the University of Hawai‘i at Mānoa (“**UHM**”), College of Tropical Agriculture and Human Resources (“**CTAHR**”), whose business address is 3150 Maile Way, Gilmore Hall, Room 202, Honolulu, Hawai‘i 96822, and the **BOARD OF WATER SUPPLY, COUNTY OF KAUA‘I**, a political subdivision of the State of Hawai‘i, whose business address is 4398 Pua Loke Street, Lihu‘e, Hawai‘i 96766 (“**User**”), for the benefit of the Department of Water, County of Kaua‘i. UH and User collectively are the “**Parties**,” and individually a “**Party**,” all as governed by the context in which such words are used.

1. **Property.** This Agreement covers User’s use of a portion of that certain real property owned or controlled by UH, and managed by CTAHR, known as the “Kaua‘i Agricultural Experiment Station”, designated as TMK No. (4) 4-2-001:005, having an address of 7370-A Kuamo‘o Road, Kapa‘a, Hawai‘i 96746, and consisting of approximately 201.63 acres (collectively the “**Property**”).
2. **Use Area.** The portion of the Property that User will be authorized to use under this Agreement, from and after Effective Date, is situated towards the northern portion of the Property, consisting of an existing access path and an open area for the future Water Tank Project (as defined herein) of approximately 10,000 square feet, which partially includes an area currently fenced off for goats, all as more particularly shown on the map and diagram attached hereto as **Exhibit A** and incorporated herein by reference (the “**Use Area**”). User shall not use any other portion of the Property outside of the Use Area without obtaining UH’s prior written approval.
3. **Purpose of use.** User and UH acknowledge and agree that User plans to enter and temporarily use the Use Area for the purpose of conducting preconstruction investigative studies, physical inspections, testing and other planning work (“**Preconstruction Work**”) for the planning and design phase of User’s future construction of a new 0.25 million gallon (MG) water tank, associated waterline and utilities, and an access road (collectively the “**Water Tank Project**”) which is intended to eventually furnish potable water to the community in that region of the island and County of Kaua‘i. The Preconstruction Work is more particularly described in **Exhibit B** attached hereto and incorporated herein by reference. UH shall not have any responsibility with respect to User’s entry onto and/or use of the Use Area or the construction or completion of the Water Tank Project or the Preconstruction Work.
4. **User responsible for Project costs.** All costs associated with the Water Tank Project and the Preconstruction Work and use of the Use Area by User and/or the User Agents (as defined herein) shall be the responsibility of User. UH shall not be responsible for any of such costs.
5. **Grant of entry and use.** UH hereby grants User and User’s officers and employees, and all members of User’s organization and User’s contractors, subcontractors, consultants, vendors, suppliers, laborers, service providers, agents, representatives assisting with and/or participating in User’s activities or use of the Use Area (collectively the “**User Agents**”) the non-exclusive right to enter, access and use the Use Area for the purpose of conducting and completing the Preconstruction Work, staging of necessary equipment and supplies, and fulfilling User’s obligations and responsibilities as set forth in this Agreement (“**Authorized Activity**”), in accordance with the User Preconstruction Management Plans (as defined herein) which have been approved in writing by UH prior to User’s entry to and use of the Use Area. To the extent that the Authorized Activity involves the use of any buildings, structures, facilities, improvements, utility lines, walls, fences, paths, roadways, or other items within the Property (collectively, the “**UH Facilities**”), or to the extent that other areas of the Property adjacent to the Preconstruction Work

might be affected by the Authorized Activity, then all of User's obligations and responsibilities as set forth in this Agreement with respect to the Use Area, including without limitation, any maintenance, repair, restoration, insurance and indemnification obligations, shall also extend to the UH Facilities and to such potentially affected areas, and all references herein to the "Use Area" shall be deemed to include the UH Facilities and such potentially affected areas, unless the context plainly requires otherwise.

6. No unreasonable interference; UH Reservations. User acknowledges that this Agreement grants only a non-exclusive privilege, and User agrees to cooperate and not unreasonably interfere with UH's operation of the Property, including any access to or use of the Use Area or the Property by UH or authorized users of the Use Area or the Property. Without limiting the generality of the foregoing, User acknowledges and agrees the User's entry, access and use of the Use Area are subject to the following:
 - a. Existing real property interests. All existing real property interests in the Use Area, such as easements, rights of entry, rights of way, and access or use agreements, reservations, restrictions, covenants, conditions and other real property interests and/or encumbrances which are of record or made known or obvious to User.
 - b. Future access and use rights for UH purposes. All future easements, access or use rights that UH deems reasonably necessary for UH operations (such as for electricity, or other utility services), provided that any such rights shall not unreasonably interfere with User's Authorized Activity.
 - c. Existing and future utility systems. Existing and future utility systems (including, but not limited to, electricity, water, sewer, gas, alternate energy production, communications, telecommunications, data transmission, drainage, waste disposal, ventilation, air conditioning, heating, chilled water, plumbing, boiler and steam production, security, and backup and emergency alert and response systems) on, within, under or over the Use Area, including the right to construct, install, maintain, adjust, alter, upgrade, expand, repair, renovate, rehabilitate, relocate, reconstruct, replace, and/or remove utility systems or infrastructure running through the Property and/or the Use Area that UH deems reasonably necessary to support UH operations, provided that the exercise of any such rights shall not unreasonably interfere with User's Authorized Activity.
 - d. Development rights. UH expressly reserves all development rights above, under, within, across and/or through each Use Area, including all air rights above each Use Area, provided that the exercise of such rights shall not unreasonably interfere with User's Authorized Activity.

User shall not hold UH responsible for obtaining any consents that might be required to use the Use Area to perform and complete the Preconstruction Work from other persons or entities that may claim an interest in the Property ("***Other Interested Parties***"). UH agrees to help facilitate communication, to the extent reasonably possible, between User and Other Interested Parties from whom User may be required to obtain approval to use the Use Area to perform and complete the Preconstruction Work. User shall coordinate its use of the Use Area with the Other Interested Parties to ensure that User's use of the Use Area does not unreasonably interfere with the Other Interested Parties' use of or interest in the Use Area. User shall use best efforts to notify the Other Interested Parties of the dates and times during which Other Interested Parties' use of the Use Area may be affected, restricted, and/or prohibited.

7. User's acceptance "As Is With All Faults". Prior to conducting its Authorized Activity, User will examine the Use Area, including any UH Facilities that may be affected, and the Property, and will conduct an investigation of the condition thereof and agrees that UH is making the Use Area available to User on an "As Is With All Faults" basis, in its existing content and state of condition. User further agrees that UH shall not be liable for any latent, patent, or other defects in, on, or under the Use Area and the Property. Entry onto the Use Area shall be conclusive evidence as against User and the User Agents that the Use Area are and were in a good and satisfactory condition to User and the User Agents when the User and the User Agents entered the same. User is not relying on any representations or warranties of any kind whatsoever, express or implied, from UH and/or any of the UH Agents as to any matters concerning the Use Area and/or the Property.

8. Use Term; Authorized Times. User is hereby authorized to access and use the Use Area for the Authorized Activity beginning on the Effective Date and ending on [insert end date] (the “**Term**”), unless this Agreement is extended by mutual written agreement or sooner terminated as provided in this Agreement. User is authorized to conduct the Authorized Activity only on the following days and times: [insert authorized days and times] (“**Authorized Times**”), unless User obtains UH’s prior written consent before conducting the Authorized Activity at any time other than the Authorized Times.
9. Use fees. On or before the Effective Date, User shall pay to UH a one-time fee in the amount of \$1.00 for the right to enter and use the Use Area for the Authorized Activity (“**Use Fee**”) during the Term of this Agreement, over and above any other charges that may be due under this Agreement, without any set-off or counterclaim whatsoever.
10. Interest on Late Payments. Every payment due under this Agreement from User to UH which is not paid within ten (10) days after the same shall have become due and payable, shall bear interest at the rate of one percent (1.0%) per month (or such lesser rate as may be required by law), for each month starting from the date the payment is due until such time as payment is received.
11. User obligation to maintain. At all times herein, User shall, and will ensure that the User Agents shall, maintain and keep the Use Area in a good and safe condition and repair.
12. User representation. User hereby confirms that all information contained in this Agreement is true and correct. If UH discovers or learns that any such information is not true and correct in any material respects, UH may immediately terminate this Agreement for breach as provided in paragraph 13.b below.
13. Withdrawal or Relocation and Termination.
 - a. Withdrawal or Relocation. UH shall have the option at any time to withdraw all or portions of the Use Area upon giving sixty (60) days prior written notice to User and UH will make reasonable efforts to relocate User to another site within the same vicinity of the Use Area. UH shall not be obligated to reimburse User for any costs incurred by User in such relocation. Upon receipt of UH’s written notice of withdrawal, User shall vacate and surrender all or any portion of the Use Area so requested by UH within sixty (60) days of said receipt unless User notifies UH that User requires additional time to effect or implement the relocation.
 - b. Termination for cause. If User fails to pay any installment of Use Fees or other amounts due under this Agreement within ten (10) days after the same shall have become due and payable, UH may terminate this Agreement upon twenty (20) days prior written notice to User. If User or any of the User Agents fails to timely perform or comply with any obligation on the part of User or the User Agent to be performed under this Agreement other than an obligation to pay Use Fees or other amounts due under this Agreement, UH may send a default notice to User (“**Default Notice**”) and UH will allow User thirty (30) days from the date the Default Notice is sent (“**Cure Period**”) to cure any such default to UH’s reasonable satisfaction, provided, however, if User submits a written request to UH within the Cure Period for additional time to cure such breach, and User commences such cure within the Cure Period, and diligently continues said efforts and makes progress toward completion satisfactory to UH, then UH may, in UH’s discretion, allow User such additional time to cure such breach, not to exceed an additional thirty (30) days (“**Additional Cure Period**”). If User is unable to complete or effect the cure within the Cure Period or the Additional Cure Period, if applicable, UH may, at UH’s sole discretion, immediately terminate this Agreement by written notice to User.
 - c. Termination without cause. This Agreement and User’s right to enter and temporarily use the Use Area is revocable and terminable by UH at any time, without cause, upon sixty (60) days prior written notice to User.

- d. User's surviving obligations. Notwithstanding any such withdrawal or termination, at least the following User obligations will survive and continue with respect to any claims or matters arising or occurring prior to such withdrawal or termination: (a) any User payment obligation, (b) any User obligation to indemnify, defend, and hold harmless UH and the UH's officers, employees, agents, and representatives of UH, and any person acting on behalf of UH (hereafter collectively the "**UH Agents**"), (c) any User obligation to maintain, clear, clean-up, remove, repair, and restore the Use Area and/or affected portions of the Property, (d) any User obligation to provide and maintain required insurance coverage, and (e) any User obligation to remove hazardous materials from the Use Area and affected portions of the Property attributable to User's use of the Use Area and/or the Property and clean-up, remediate, and restore the Use Area and said affected areas. Furthermore, any termination of this Agreement shall be without prejudice to any rights or remedies that UH may have under this Agreement or otherwise at law or in equity.
14. Comply with Applicable Laws. In using the Use Area, User shall, and shall ensure that the User's Agents shall, comply with all Applicable Laws and all applicable UH rules, policies, procedures, and guidelines provided by UH to User relating to the use of the Use Area and the Property. "**Applicable Laws**" means all: (a) federal, state, county, and local laws, statutes, ordinances, codes, rules, and regulations; (b) standards, directives, interpretations and conditions of approval mandated by any governmental agencies, departments, commissions, boards, bureaus, or instrumentalities of the United States, the State of Hawai'i, and any political subdivisions thereof (including any legislative or judicial bodies) (hereafter collectively the "**Governmental Authority**"); (c) permits and approvals issued by any Governmental Authority; and (d) legislative, administrative, or judicial orders, decrees, requirements, rulings or judgments, which now or in the future may be applicable to the Use Area, the Property and/or any use relating thereto, the Preconstruction Work, and/or UH, User, and/or the User Agents.
15. Disputes. If any questions or disputes arise between UH and User concerning any aspect of this Agreement, all such questions and disputes shall be referred to UH's Vice President for Budget and Finance/Chief Financial Officer for a determination and resolution of the dispute or question. UH Vice President for Budget and Finance/Chief Financial Officer's decision shall be final and binding on the Parties herein.
16. Notice. All notices, requests, demands, and other communications hereunder shall be in writing and shall be deemed given if personally delivered or mailed, certified mail, return receipt requested, sent by overnight carrier, or sent by facsimile transmission or email or other similar electronic transmission to the following numbers or addresses, as appropriate:

UH:
University of Hawai'i
3050 Maile Way, Gilmore 214B
Honolulu, Hawai'i 96822

Attn: Thomas Lim
Director Planning & Management Systems Office

Phone: (808) 429-3832
Email: tlim@hawaii.edu

USER:
Department of Water,
County of Kaua'i
4398 Pua Loke Street
Līhu'e, Hawai'i 96766

Attn: Joseph "Joe" E. Tait,
Manager and Chief Engineer

Phone: (808) 245-5403
Email: jtait@kauaiwater.org

With copy to:
Office of Strategic Development and Partnership
University of Hawai'i
Building 171E, Room 11
1400 Lower Campus Road
Honolulu, Hawai'i 96822

Attention: Director
Phone: (808) 956-4243
Email: sysosdp@hawaii.edu

UH or User may designate in writing a new representative by notice given to the other in accordance with this paragraph 16 (Notice). All notices, demands, and requests that may or are required to be given hereunder by either UH or User shall be in writing and shall be (A) personally delivered to the receiving Party at the addresses noted above, or (B) sent by registered or certified mail, return receipt requested, postage prepaid, addressed as set forth above, or (C) transmitted by an internationally recognized courier service, such as Federal Express, addressed as set forth above, or (D) sent by facsimile transmission or electronic transmission ("**Email**") to the fax number or Email address of the receiving Party, as appropriate, as set forth above. Notices, demands, and requests shall be deemed served or given for all purposes hereunder at the time such notice, demand, or request is personally delivered or delivered by internationally recognized courier service, the sender of the facsimile transmission or Email transmission has received confirmation of its transmission from such fax number or Email address, or three days following such mailing thereof, as the case may be.

17. Counterparts; facsimile signatures. This Agreement may be executed in counterparts, each of which shall be deemed an original, and said counterparts shall together constitute one and the same agreement, binding all of the Parties hereto, notwithstanding all of the Parties are not signatory to the original or the same counterparts. For all purposes, including, without limitation, recordation, filing, and delivery of this instrument, duplicate unexecuted pages of the counterparts may be discarded and the remaining pages assembled as one document. The submission of a signature page transmitted by email or facsimile (or similar electronic transmission facility) shall be considered as an "original" signature page for the purposes of this Agreement.
18. Binding effect. The term "**UH**" as used herein shall mean the UNIVERSITY OF HAWAI'I, and the term "**User**" as used herein shall mean BOARD OF WATER SUPPLY, COUNTY OF KAUA'I, and this Agreement shall be binding upon and inure to the benefit of the Parties and their legal representatives, successors, and permitted assigns.
19. [Intentionally Omitted].
20. Site Specific Conditions. User acknowledges and agrees that User shall be bound by and shall perform and comply with all of the terms and conditions contained in Exhibit C (Site Specific Conditions) attached hereto and incorporated herein by reference.
21. General Terms and Conditions. User acknowledges and agrees that User shall be bound by and shall perform and comply with all of the terms and conditions contained in Exhibit D (General Terms and Conditions) attached hereto and incorporated herein by reference.
22. Special Conditions. User acknowledges and agrees that User shall be bound by and shall perform and comply with all of the terms and conditions contained in Exhibit E (Special Conditions) attached hereto and incorporated herein by reference.
23. User may be subject to additional reasonable conditions. UH reserves the right to impose additional, but reasonable terms and conditions as UH deems necessary in connection with this Agreement, the Authorized Activity and/or User's entry to and use of the Use Area; provided such additional conditions are incorporated into this Agreement by a duly executed amendment.

[Remainder of page intentionally left blank]

[Signature page to follow]

IN WITNESS, WHEREOF, User and the UH have, by their duly authorized officers, duly executed and entered into this Agreement on the Execution Date, to be effective as of the Effective Date.

USER:

BOARD OF WATER SUPPLY
COUNTY OF KAUAI, a political subdivision of the
State of Hawai'i

By: _____
Julie Simonton
Chairperson, Board of Water Supply

Recommend Approval:

Department of Water, County of Kauai

By _____
Joseph "Joe" E. Tait
Manager and Chief Engineer

Approved as to Form and Legality

Office of County Attorney

Mahealani M. Krafft
Deputy County Attorney

UH:

UNIVERSITY OF HAWAI'I, the state university and a body
corporate of the State of Hawai'i

By: _____
Kalbert K. Young
Its Vice President for Budget and Finance/
Chief Financial Officer

Recommend Approval:

University of Hawai'i at Mānoa

By _____
Alexandra French
Chief Business Officer

By _____
Nicholas Comerford, Dean
College of Tropical Agriculture and Human Resources

Approved as to Form:

Office of University General Counsel:

Bruce Matsui
Associate General Counsel

STATE OF HAWAI'I)
)ss.
CITY AND COUNTY OF HONOLULU)

On this ____ day of _____, 20____ in the First Circuit, State of Hawai'i, before me personally appeared **Kalbert K. Young**, who is personally known to me or whose identity I proved on the basis of satisfactory evidence, who being by me duly sworn or affirmed, did say that such person is the Vice President for Budget and Finance/Chief Financial Officer for the **University of Hawaii**, the state university and a body corporate of the State of Hawaii, executed _____, dated _____ and consisting of ____ pages at the time of notarization, as the free act and deed of such person, and if applicable in the capacity shown, having been duly authorized to execute such instrument in such capacity.

Notary Public, First Circuit
State of Hawai'i
My Commission Expires _____

NOTARY CERTIFICATION

Doc. Date: _____ # Pages: _____
Notary Name: _____ Circuit
Doc. Description Preconstruction Right of
Entry Agreement

Notary Signature Date

EXHIBIT A
Use Area

The figures provided in this Exhibit A provides the intended location of the proposed Use Area.

EXHIBIT B
Preconstruction Work

The following Preconstruction Work may be performed as part of this Preconstruction Right of Entry Agreement:

- Hazardous material survey
- Geotechnical borings
- Archaeological assessment
- Fish and Wildlife survey
- Survey work to produce exhibits and legal descriptions for a grant of easement
- Survey and design work for the Project

EXHIBIT C
Site Specific Conditions

Capitalized terms used in this Exhibit C and not otherwise defined herein shall have the meanings assigned to such terms in the Preconstruction Right of Entry Agreement to which this Exhibit C is attached.

1. Defined Terms. All terms defined in the Agreement to which this Exhibit C is attached shall be applicable to the site specific conditions contained in this Exhibit C.
2. Preconstruction Work. User shall be permitted to conduct the Preconstruction Work described in Exhibit B within the Use Area (as marked on the map attached hereto as Exhibit A). In performing the Preconstruction Work, User shall exercise due care not to damage any UH Facilities and/or the Use Area, except for any demolition work that is a part of the Preconstruction Work, if any, and shall promptly repair and ensure that the User Agents shall promptly repair any such damage to any UH Facilities and/or the Use Area to the extent caused by User and/or the User Agents.
 - a. Minimize impact to UH operations. User shall coordinate the conduct of the Preconstruction Work with UH and any authorized users of the Use Area or the Property or Other Interested Parties who may be affected by the Preconstruction Work, including any equipment mobilization, to minimize any potential Adverse Impacts (as defined herein) of the Preconstruction Work, including any Adverse Impacts on operations at the Property by UH or others authorized by UH.
 - b. User to obtain UH approval for User Preconstruction Management Plans. User shall obtain UH's prior written approval for the User plans and schedules for the Preconstruction Work (collectively the "***User Preconstruction Management Plans***"), which approval will not be unreasonably withheld or delayed. Neither User nor any User Agents may physically enter the Use Area or initiate or perform any Preconstruction Work thereon or therein unless and until the following conditions are met: (1) User has submitted and obtained UH's prior written approval for the User Preconstruction Plans, including all traffic mitigation plans, (2) User has implemented measures to mitigate or resolve any Adverse Impacts, and (3) User has obtained all required approvals from any Governmental Authority to conduct the Preconstruction Work.
 - c. Soil test borings.
 - (1) Soil test boring locations. For the Preconstruction Work that involves invasive investigation and testing, such as soil test boring work, User must obtain UH's prior written approval before commencing any such invasive investigation and testing, such as the soil test boring work, including, without limitation, obtaining UH's prior written approval for extent, manner, and locations of all areas within which such invasive investigation and testing work is to be conducted, such as the soil test boring locations and the volume and extent of the drilling, excavation, and soil displacement work, which approval will not be unreasonably withheld or delayed.
 - (2) Soil backfill. Upon completion of any soil test boring work, User shall and will ensure that the User Agents fill in any holes, boreholes, depressions, cavities, pits, and voids created by such soil test boring work (collectively the "***Holes***") with soil material from the area in and around the Holes, provided that the use of such soil material does not create separate Holes that need to be filled. To the extent that there is insufficient soil material under these conditions to fill in the Holes, User shall be permitted to place import soil material to fill in the Holes, in quality and quantities reasonably acceptable to UH, which acceptance will not be unreasonably withheld or delayed.
 - (3) Sampling and testing of imported soil. User shall and will ensure that the User Agents shall conduct sampling and testing of all soil brought in or imported to fill Holes within the Use Area and/or the Property and perform or have performed an analysis of the results of such sampling and testing to determine the extent that any such soil may be

contaminated with any Hazardous Materials (as defined herein). Such sampling, testing, and analysis shall be conducted and/or performed using methods that are acceptable to UH, particularly the UHM environmental health and safety office, which acceptance will not be unreasonably withheld or delayed.

- (4) Sufficiently compact Holes. User shall and will ensure that the User Agents adequately and sufficiently compact the backfill or soil material placed in any of the Holes created by User and/or the User Agents during the Preconstruction Work, particularly within the Use Area and any other affected portions of the Property. If requested by UH, User will permit UH to review the results of the backfill density tests by or from User and/or the User Agents.
- d. Replacing UH facilities. User acknowledges that UH may have some improvements comprising portions of the UH Facilities and trees within and around the Use Area, including fences, barriers, and utility systems. To the extent that any portion of said improvements and/or trees, particularly any fences, barriers, and/or utility systems are removed or destroyed in connection with the Preconstruction Work, User shall replace and/or ensure that the User Agents replace any said improvements and/or trees so removed or destroyed, with facilities, improvements and trees to UH's reasonable satisfaction.
- e. User coordination. User's coordination of Preconstruction Work shall include written notification to UH. User acknowledges and agrees that with respect to the conduct of the Preconstruction Work within or about the Use Area, User shall contact _____, whose phone number is _____, whose email address is _____, and whose address is _____.
- f. Notice of entry. User shall give UH at least seven (7) days prior written notice before commencing any Preconstruction Work and/or entering the Use Area to perform such Preconstruction Work.
- g. Safety Precautions. User shall and will ensure that the User Agents comply with all OSHA safety guidelines and all Applicable Laws. User shall take all reasonable and necessary safety precautions to protect persons and property, including, but not limited to:
 - (1) Use protective barriers. Use of high visibility barricade tape or other similar protective barriers to warn of hazards and to limit access to the Use Area;
 - (2) Post warning signs. Posting warning signs and securing the Use Area;
 - (3) Equipment and vehicles maintained and safely used. Ensure that all of User's equipment and vehicles are operable, properly maintained, safely operated when in use and properly secured when not in use, and have current insurance, motor vehicle registration and safety check, as appropriate, and implement measures to prevent any oil or other discharges from vehicles and equipment parked or used within the Use Area;
 - (4) Preventing chemical spills. Proper storage and labeling of fuel and other chemical containers;
 - (5) Use PPE when appropriate. Use when required of proper masks and personal protective equipment ("**PPE**") and ensuring that personnel using the masks and PPE are trained and knowledgeable about proper use;
 - (6) Daily Work inspection. Performing and documenting daily inspections of the Preconstruction Work and correcting substandard safety conditions and practices; and

- (7) Keep Use Area clean. Keeping the Use Area clean and free of any debris generated by the Preconstruction Work.
- h. User responsible for addressing/resolving Adverse Impacts. User will be responsible and will ensure that the User Agents shall be responsible, all at no cost to UH, for preventing, mitigating, and remediating (and compensating UH as appropriate for), to UH's reasonable satisfaction, all adverse impacts to UH, the Property, the Use Area, and/or operations at the Property, resulting from or attributable to entry onto the Use Area and/or the Property by User and/or the User Agents and/or the Preconstruction Work (collectively the "**Adverse Impacts**"). For purposes of this Agreement, the term "Adverse Impacts" includes, but is not limited to, any condition that creates, imposes, aggravates or causes a deleterious effect which may be harmful or injurious to the health or safety of persons or to the use or condition of the Use Area, the Property or any other property or the environment.
- (1) User implementation of mitigation measures. User will be responsible and shall ensure that the User Agents are responsible, at User's or their sole cost and expense, for implementing all management/operations/actions/improvements that are necessary to mitigate and resolve any Adverse Impacts to the Use Area, the Property, and/or operations at the Property as a result of or attributable to the Preconstruction Work.
- (2) Types of mitigation measures. Such mitigation measures may include, without limitation: (i) scheduling adjustments to prevent or minimize the Adverse Impacts; (ii) dust control measures (such as erecting screens and frequent watering); (iii) sound mitigation measures (such as baffling, noise barriers, dampening of construction vehicles and equipment); (iv) access control measures (such as fencing, barriers, gated entry and exit points, and guard stations); and (v) traffic control measures (such as traffic control officers, flagmen, police officers during peak traffic times, directory, warning, and caution signage/lights, and temporary traffic signals).
- (3) User responsible for claims. User shall, and will ensure that the User Agents shall, indemnify, defend (with counsel reasonably acceptable to UH), hold harmless, and insure UH against such Adverse Impacts, including any claims, demands, suits, actions, causes of action, injunctions, judgments, penalties, fines, assessments, liens, losses, liabilities, damages, costs, and expenses (including Attorneys' Fees and Costs, as defined herein), arising out of or relating to any act or omission by User or any of the User Agents in connection with implementing or failing to implement any reasonably necessary mitigation measures to mitigate any Adverse Impacts, including, without limitation, any spill, leak, or discharge from or attributable to the Preconstruction Work (collectively the "**Adverse Impact Costs**").
- (4) Attorneys' Fees and Costs. As used in this Agreement, "**Attorneys' Fees and Costs**" means and includes all reasonable attorneys' fees of outside legal counsel, expert witness fees and costs, discovery and pretrial costs, costs incurred in the investigation, prosecution, or defense of any action, costs for research relating to settlement or resolution, costs of implementing preventive measures necessary to protect and preserve the position of UH and the UH Agents with regard to any such claim or action, and all other reasonable fees and costs incurred or imposed upon UH or the UH Agents in connection with such claim or action. All such fees and costs will be supported by proper written documentation.
- (5) UH may cure User's failure to perform. If User fails to properly perform and comply with or fails to ensure that any of the User Agents properly performs and complies with any of its or their obligations under this Agreement, within a period of thirty (30) days (or such longer time period as may be agreed upon between UH and the User) after User receives written notice from UH of such failure by User and/or the User Agents, UH may (but shall not be obligated to), at its option, and in addition to all other remedies which

may be available to UH, perform and comply with any obligations that User and/or the User Agents have failed to perform or comply with and User shall, and will ensure that the User Agents shall immediately upon demand from UH, reimburse UH for the full cost of such performance and compliance (as supported by proper written documentation), plus an additional ten percent (10%) to cover UH's administrative overhead costs.

- i. User responsible for pollution control. User shall maintain and employ and ensure that the User Agents maintain and employ debris, pollution and contamination control measures, safeguards and techniques to prevent debris, pollution or contamination to the ocean waters, streams, waterways, and/or the Use Area or the Property resulting from the Preconstruction Work and use of the Use Area and/or the Property by User and/or the User Agents. User shall take and ensure that User Agents shall take immediate corrective action in the event of such pollution or contamination to immediately remove the cause of such pollution or contamination, and shall immediately clean the Use Area, affected portions of the Property, and adjacent and nearby areas and waters of such pollutant or contaminant and shall restore to UH's satisfaction the areas affected by such pollution or contamination, including, without limitation, the Use Area, all at the cost and expense of User and/or the User Agents and at no cost to UH.
 - j. Preconstruction Management Plans.
 - (1) Submission of Preconstruction Management Plans. Prior to entry onto the Use Area and/or the Property under this Agreement, User shall submit to UH for UH's review and approval the User Preconstruction Management Plans (including a traffic management plan that mitigates and manages traffic impacts arising from and/or attributable to the Preconstruction Work) and completion schedule for all phases of the Preconstruction Work to take place within the Use Area and/or the Property. UH's approval will not be unreasonably withheld or delayed.
 - (2) User to address UH concerns. UH will promptly notify User of any concerns or issues that UH may have with respect to any portion of the Preconstruction Management Plans provided by User. User and UH will use best efforts to mutually address UH's concerns prior to commencement of the scheduled Preconstruction Work activities on or within the Use Area.
 - (3) User and User Agents to comply with Preconstruction Management Plans. User shall comply with and will ensure that the User Agents comply with the terms and conditions contained in the Preconstruction Management Plans.
 - k. Coordination Meetings. User shall facilitate and coordinate the scheduling of meetings with and cause the User Agents to participate in the meetings among User and UH, to be held on a reasonably periodic basis for the duration of the Preconstruction Work. User shall notify UH in writing of the schedule for such meetings. As mutually agreed upon between User and UH, User shall ensure that UH is provided updates to the Construction Management Plan.
3. Access to the Property. UH, the UH Agents, Other Interested Parties and others authorized by UH enter and exit the Property through the shared access areas shown on Exhibit B (the "**Access Areas**"). User may use and may allow the User Agents to use the Access Areas to access the Use Area during the Term of this Agreement, subject always to the terms and conditions of this Agreement and to UH's reserved right, from time to time, to: (a) alter, make additions to, or change the location, direction, size and shape of, the Access Areas; (b) close temporarily any of the Access Areas for repair or maintenance purposes so long as reasonable access to the Use Area remains available; and (c) do and perform such other acts and make such other changes in, to, or with respect to the Access Areas as UH may, in UH's sole discretion, deem to be appropriate so long as reasonable access to the Use Area remains available. UH will use good faith efforts to provide User with sixty (60) days advance written notice of such change to access, except when such change is a result of Force Majeure (as defined herein). User shall not and shall require that the User

Agents do not impair, restrict, or otherwise adversely affect use of or access across or through the Access Areas by UH, the UH Agents, Other Interested Parties and other authorized users of the Property.

- a. User to mitigate traffic impacts. User shall mitigate and cause the User Agents to mitigate traffic impacts arising from the Authorized Activity on, within, or involving the Access Areas.
 - b. User to repair damage to the Access Areas. User shall promptly maintain and repair all damage to the Access Areas to the extent caused by User or the User Agents.
4. Utilities and Infrastructure. UH and others own or use utility lines and other infrastructure facilities located in and around the Use Area and the Property. Such lines and facilities may include water, sewer, power, communications, drainage and other types of lines, conduits, meters, manholes, equipment, and facilities. Without limiting the generality of the foregoing, User understands that Hawaiian Telcom and KIUC may own communications cables and other facilities in the Property.
- a. User to protect all utility lines and facilities. At all times, including but not limited to when accessing the Use Area and in performing the Preconstruction Work, User shall ensure that such lines and facilities, and access thereto, are preserved and protected from the activities of User and/or User Agents. User shall be responsible for any damage to or interruption in service arising out of damage caused by User or the User Agents to the lines and facilities. User shall verify the location, dimensions, route, composition and configuration of all utility lines and infrastructure, whether above ground or underground) and prevent Adverse Impacts to Use Area, the Property, and/or UH operations arising from the Preconstruction Work affecting utilities.
 - b. No User use without UH consent. User shall ensure that all UH lines and facilities shall not be used by User or the User Agents without UH's prior written consent. The parties do not anticipate that User or any User Agents will use any UH utility lines or infrastructure. However, if User or any User Agents use any UH utility lines or facilities, User shall be responsible for the payment of all services used by User or any User Agents on a sub-metered, or if not sub-metered, on a prorated basis beginning no earlier than the commencement of such use of services by User or any User Agents, and User shall share equitably in the costs relating to any lines and facilities (including but not limited to operating, security, maintenance, permitting, insurance, replacement and repair costs, as supported by proper written documentation), except that User shall be 100% responsible to UH for repairing lines and other facilities damaged by the acts or omissions of User or the User Agents.
5. Third Party Rights. In its entry to the Property and use of the Use Area, User shall use and implement and ensure that the User Agents use and implement appropriate precautions and measures to minimize inconveniences to surrounding properties, users, tenants, residents, landowners, and the public in general. At all times, including but not limited to when accessing the Use Area and/or the Property and in performing any Preconstruction Work, User shall honor and shall cause the User Agents, to honor the rights of, the holders of easements (including but not limited to easements for drainage, sewer lines, electrical lines, fuel lines, and water lines) on or under the Use Area and/or the Property, users of utility facilities affected by the Preconstruction Work on or within the Use Area and/or the Property, and users or authorized occupants of the Property. Without limiting the generality of the foregoing, User shall be responsible and shall cause the User Agents to be responsible for the following:
- a. Ensure no adverse drainage impacts. User shall ensure and shall cause the User Agents to ensure that the Preconstruction Work on or within the Use Area and/or the Property does not cause adverse drainage impacts at, within, under, or affecting the Use Area and/or the Property, including but not limited to, implementing measures to: (1) ensure that no additional runoff over and above any UH drainage system capacity is directed onto, across, or through the Use Area and/or the Property into any such existing drainage system, including any and all portions thereof such as drainageways, swales, intakes, tunnels, and/or pipelines and (2) decrease the risk of ponding or flooding because of the Preconstruction Work on or within the Use Area and/or the Property.

- b. Ensure no adverse electrical or communication line impacts. User shall ensure and shall cause the User Agents to ensure that the Preconstruction Work on or within the Use Area and/or the Property does not cause Adverse Impacts with respect to existing electrical and communication lines and facilities within, under, over, or affecting the Use Area and/or the Property.
 - c. Ensure no adverse irrigation or water line impacts. User shall ensure and shall cause the User Agents to ensure that the Preconstruction Work on or within the Use Area and/or the Property does not cause Adverse Impacts with respect to existing irrigation and water lines and facilities within, under, over, or affecting the Use Area and/or the Property.
 - d. Ensure no adverse fuel line impacts. User shall ensure and shall cause the User Agents to ensure that the Preconstruction Work on or within the Use Area and/or the Property does not cause Adverse Impacts with respect to existing fuel lines within, under, or affecting the Use Area and/or the Property.
 - e. Ensure no adverse sewer system impacts. User shall ensure and shall cause the User Agents to ensure that the Preconstruction Work does not cause Adverse Impacts with respect to existing sewer lines or sewer facilities and/or systems within, under, or affecting the Use Area and/or the Property.
 - f. Ensure no impact to aquifer or other underground water resources. User shall ensure and shall cause the User Agents to ensure that the Preconstruction Work does not cause any Adverse Impacts to water or groundwater resources in, on, under the Use Area and/or the Property, including, ensuring that no Preconstruction Work adversely affects the groundwater aquifer or other water resources in, on, under the Use Area and/or the Property.
6. User discovery of historic properties. In the event any historic properties or burial sites, as defined in section 6E-2, Hawai'i Revised Statutes, are found on or within the Use Area, User shall comply with Chapter 6E, Hawai'i Revised Statutes, and immediately stop all land utilization or work or both, including Preconstruction Work in the area of the discovery, take action or implement measures to protect the area of discovery and contact and obtain clearance from the State Department of Land and Natural Resources, State Historic Preservation Division, before continuing land utilization or work, including the Preconstruction Work, in the area of discovery.
 7. No violence or firearms. User shall not, and shall ensure that the User Agents shall not, engage in any acts of violence or threats of violence, including, but not limited to, displaying, discharging, or possessing a firearm, knife, or other weapon that may threaten, alarm or intimidate others.
 8. Security. Security for the Preconstruction Work and any and all User vehicles, equipment and/or materials shall be the responsibility of User and/or the User Agents. User shall cooperate and shall cause the User Agents to cooperate with UH to enable UH to meet and satisfy all Applicable Laws, including satisfying all higher-education crime reporting requirements pursuant to the Clery Act.
 9. Trees impact. Before removing any trees from the Property, User shall provide UH with the User Preconstruction Management Plans on the proposed disposition of such trees to be removed and obtain UH's prior written consent to such tree removal. User shall observe all laws regarding the protection and preservation of legally protected trees in the Use Area and/or the Property.
 10. Application for Consents. Requests for UH consent to User Preconstruction Management Plans shall be submitted to the Director of the UH Office of Strategic Development and Partnership, Attention: Director, with a copy to the CTAHR Dean, together with at least two (2) copies of the User Preconstruction Management Plans for which consent is sought.
 11. Limited Purpose of this Agreement. This Agreement only covers User's entry onto the Use Area for a limited duration and for the limited purpose of conducting the Preconstruction Work.

12. NPDES Permit. If applicable, User and the User Agents shall comply with UH's National Pollutant Discharge Elimination System ("**NPDES**") Municipal Separate Storm Sewer System (MS4) Permit and the terms and conditions of any written permission to discharge granted by UH.
13. Signage. User shall provide temporary signage showing permitted entrances and exits from the Property during the Preconstruction Work. User shall obtain UH's prior written approval for the location and design of such temporary signage, which approval will not be unreasonably withheld or delayed.
14. Security and Safety Measures. User shall install and implement all reasonably necessary security and safety measures to address conditions arising out of the Preconstruction Work (including restricting worker access to portions of the Property outside of the Use Area. At all times, User and the User Agents will coordinate security and safety issues with CTAHR.
15. COVID-19 Conditions. User shall comply with the following COVID-19 conditions:
 - a. Compliance with COVID-19 laws, restrictions. User shall be responsible for requiring compliance by the User Agents of contagious illness preventative measures as required by Applicable Laws and applicable federal, State and City restrictions, actions, and guidance issued in connection with the COVID-19 pandemic emergency (collectively, the "**COVID-19 Measures**"), including all of the emergency proclamations and executive orders issued by the Governor of Hawai'i, the executive orders and directives issued by the Mayor of the County where the Property is located, health-related directives issued by the federal and state governments (such as the Center for Disease Control and Prevention ("**CDC**") and the State of Hawai'i Department of Health ("**DOH**") pertaining to the COVID-19 pandemic emergency, and all applicable UH and UH campus plans relating to the return to activity within the University of Hawai'i system and campuses in light of the ongoing COVID-19 pandemic emergency, including those posted online at <https://www.hawaii.edu/covid19/> as applicable to visitors, and the UH COVID-19 Guidelines (Interim) (currently accessible at <https://www.hawaii.edu/covid19-guidelines/>),(collectively the "**UH Plans/Guidance**"), and as all may be amended from time to time.
 - b. Costs of Compliance with COVID-19 Measures. User shall bear any and all costs of conducting the Authorized Activity in compliance with these COVID-19 conditions, the COVID-19 Measures, and/or the UH Plans/Guidance, and shall reimburse UH or the UH campus within thirty (30) days of demand for any costs incurred by UH or the UH campus, as the case may be, to implement any preventive measures required pursuant to the COVID-19 Measures and/or this Agreement in connection with User's Authorized Activity.

End of Exhibit C

EXHIBIT D
General Terms and Conditions

1. Defined Terms. All terms defined in the Agreement to which this Exhibit D is attached shall be applicable to the general terms and conditions contained in this Exhibit D.

2. Indemnify and defend UH. As a condition to UH's grant of permission to User to access, enter and use the Use Area to conduct the Authorized Activity herein, at all times User shall indemnify, defend with counsel reasonably acceptable to UH, and hold harmless UH and the UH Agents, and ensure that the User Agents shall indemnify, defend with counsel reasonably acceptable to UH, and hold harmless UH and the UH Agents, from and against any claims, demands, suits, actions, causes of action, judgments, injunctions, orders, rulings, directives, penalties, assessments, liens, liabilities, losses, damages, costs, and expenses (including the fees and costs of counsel reasonably acceptable to UH), by whomsoever incurred, sustained, or asserted, including, without limitation, claims for property damage, personal injury, bodily injury, death, lost revenues and other economic loss, and/or environmental damage, directly or indirectly arising from or connected with any of the following:
 - a. Act or omission. Any act, omission, or exercise of rights or privileges under this Agreement by User or any of the User Agents.
 - b. Casualty. Any accident, fire or other casualty on or involving the Use Area and/or the Property attributable to the acts or omissions of User or the User Agents.
 - c. Violation. Any violation or alleged violation by User or any User Agents of any Applicable Laws (including, without limitation, Environmental Laws), arising from events, occurrences, or incidents at, on, within, or attributable to the use of the Use Area and/or the Property.
 - d. Loss. Any loss or theft whatsoever of any property placed or stored by User or any User Agents on or near the Use Area and/or the Property.
 - e. Liens. Any Liens (as defined herein) that may be filed against any portion of the User's project or UH's interest in the Use Area and/or the Property, including, without limitation, User's obligation to complete any action, proceedings, and/or processes necessary to fully waive, discharge, and release any Liens, all at User's sole cost and expense.
 - f. Misrepresentation. Any material misrepresentation or inaccuracy in any representation or warranty by User or any User Agents under this Agreement.
 - g. Challenge. Any challenge to the authority of User or any User Agents to negotiate, enter into, execute, or perform obligations under this Agreement.
 - h. Failure to perform. Any failure by User or any User Agents in whole or in part, to fully and properly perform any of the terms and conditions contained in this Agreement, including, without limitation, the breach or default by User or any User Agents in the performance of any of said terms and conditions of this Agreement.
 - i. Removal. Any enforcement by UH of any provision of this paragraph 2 and any costs reasonably incurred in duly removing User or any of the User Agents from the Use Area and/or the Property and restoring the same as provided herein.
 - j. UH enforcement. Any actions by UH or others to enforce the terms and conditions of this Agreement, including the performance of any of the obligations of User or any User Agents hereunder.

For all User indemnification obligations in Exhibit C (Site Specific Conditions) and this Exhibit D (General Terms and Condition), the Parties agree that UH shall give User written notice of any losses or discovery of

facts on which UH intends to base a request for indemnification and will provide User with information and documentation reasonably requested by User to support and verify the claim.

3. Insurance.

a. Required Insurance Coverage. User shall, and shall ensure that all User Agents shall, during the entire term of this Agreement, at no cost to UH, procure and maintain, or cause to be procured and maintained, the following insurance described below, issued by an insurance company or companies authorized to do business in the State of Hawai'i with at least an A – VII Financial Rating according to the current edition of Best's Key Rating Guide:

- (1) Commercial General Liability. Commercial general liability insurance written on occurrence basis covering claims with respect to injuries or damages to persons or property sustained as a result of the activities of User and/or the User's Agents, including any of the User's contractors within, on, or about the Use Area and/or the Property, with limits not less than the following:

Bodily Injury and Property Damage Combined Single Limit

\$1,000,000.00 Each occurrence
\$2,000,000.00 General Aggregate per policy year
\$2,000,000.00 Products and Completed Operations Aggregate per policy year

Personal/Advertising Injury – Each occurrence \$1,000,000.00
Medical Expenses -- Any one person \$5,000.00
Damage to Rented Premises – Each occurrence \$250,000.00

Such limits may be achieved through the use of umbrella/excess liability insurance sufficient to meet the requirements of this paragraph 3 (Insurance) covering User's conduct of the Authorized Activity on or within the Use Area and/or the Property and all of the activities and operations of the User and the User Agents in connection therewith.

- (2) Automobile Insurance. Automobile Liability Insurance to include coverage for any owned, non-owned, leased, or hired automobiles with limits of not less than the following:

Bodily Injury – Per Person \$1,000,000.00
Bodily Injury – Per Accident \$1,000,000.00
Property Damage – Each Accident \$1,000,000.00
Basic No-Fault Insurance As required by Hawaii law

In the event there is a change in Hawai'i law regarding financial responsibility and insurance requirements of automobile owners or users which make this requirement obsolete, UH shall have the right to impose a new requirement consistent with the then Applicable Laws.

- (3) Workers' Compensation Insurance. Workers' Compensation insurance with respect to work by employees of the User and the User Agents on or about the Use Area and/or the Property, with coverage, amounts, and limits as required by law

- (4) Employer's Liability. Employers Liability Insurance with limits not less than:

Bodily Injury – Each Accident \$1,000,000.00
Bodily Injury by Disease – Policy Limit \$1,000,000.00
Bodily Injury by Disease – Each Employee \$1,000,000.00

User shall ensure that User's contractors, subcontractors, consultants and subconsultants (if any) obtain workers compensation and employer's liability insurance with the limits described herein to cover the work performed.

- (5) Pollution Liability Insurance. Pollution Liability Insurance for environmental liabilities, which would include, but are not limited to, claims for bodily injury, property damage, environmental damage, and remediation costs resulting from pollution conditions caused by the User or the User Agents, the conduct of the Authorized Activity, or any activities of the User or the User Agents relating thereto, with a combined single limit coverage of not less than \$2,000,000.00 per occurrence.
- b. Common provisions. Each insurance policy that User and/or any of the User Agents are obligated to obtain under this Agreement shall be subject to the following:
- (1) Notice of change. Should any of the insurance policies be limited in scope, changed, or cancelled before the expiration date thereof, User shall provide UH with immediate notice of such changes. User shall, and shall ensure that the User Agents shall, provide UH notice of (a) any act or omission by User or the User Agents that would allow the insurer to terminate or modify any of the insurance coverage within two (2) business days of such act or omission (including, but not limited to, failure to renew an insurance policy or pay a required premium therefor) and (b) notice of cancellation, limitation in scope, material change, or non-renewal by the insurer within five (5) business days of receipt.
 - (2) UH insurance not primary. Insurance obtained by User and/or any User Agents pursuant to this Agreement will be primary and any UH insurance will apply only in excess of and not contribute with such insurance obtained by User and/or any User Agents.
 - (3) UH as additional insured. User shall, and shall ensure that the User Agents shall, name UH, the UH Agents, and those persons or entities identified in writing from time to time by UH to User as additional insured on the insurance policies for all insurance coverage User and/or the User Agents are obligated to obtain under this Agreement, except for Workers' Compensation and Employer's liability insurance.
 - (4) Waiver of subrogation endorsement. All insurance required under this Agreement will contain a waiver of subrogation endorsement in favor of UH.
 - (5) UH not required to pay premiums. User and the User Agents shall be solely responsible for the costs of procuring and maintaining the insurance coverage described in this Agreement and shall not charge UH or expect UH to pay any portion of the premiums or charges to obtain the insurance coverage required under this Agreement.
 - (6) Acceptable deductibles. The terms and amounts of any deductibles for the insurance policies required under this Agreement must be reasonable and acceptable to UH based upon the type of insurance involved and the nature of the Authorized Activity, User's use of the Use Area, and/or the conduct of User's activities on or within the Use Area.
- c. Deposit insurance certificates. User shall, and shall ensure that the User Agents shall (a) deposit with UH, on or before the Effective Date of this Agreement, certificates of insurance necessary to satisfy UH that the insurance provisions of this Agreement have been fully complied with and (b) keep such insurance in effect and the certificates therefor on deposit with UH during the entire Term of this Agreement.
- d. UH may cure failure to obtain/maintain insurance. Upon failure by User or any User Agents to provide and maintain the insurance required herein after a ten (10) day prior written notice to comply from UH, UH may, but shall not be required to, procure such insurance at the sole cost and expense of User, and User shall be obligated, upon demand from UH, to immediately

reimburse UH for the cost thereof (as supported by proper written documentation) plus ten percent (10%) for UH's administrative overhead.

- e. Lapse in insurance constitutes a breach. Any lapse in, or failure by User or any User Agents to procure, maintain, and keep in full force and effect such insurance coverage as is required under this Agreement, at any time during and throughout the Term of this Agreement, shall be a breach of this Agreement and UH may terminate the rights of User and all User Agents to access and/or use of the Use Area and/or the Property.
 - f. Insurance shall not limit User liability. The procuring of such required policy or policies of insurance shall not be construed to limit User's liability hereunder or to fulfill User's indemnification, defense, and hold harmless obligations and requirements of this Agreement. Notwithstanding said policy or policies of insurance, User shall be obligated for the full and total amount of any damage, injury, or loss arising from acts or omissions of User and/or the User Agents.
 - g. UH may adjust insurance requirements. UH may, upon reasonable notice and reasonable grounds, increase or change the form, type, coverage, or coverage limits of the insurance required hereunder, in which event User shall cause User and the User Agents to obtain such required insurance. UH requirements shall be reasonable and shall be designed to provide protection from and against the kind and extent of risks that exist at the time a change in insurance is required. User shall be obligated to meet and satisfy all UH risk management requirements that are in effect as of the Effective Date and as the same may be amended from time to time.
4. User responsible for User Agents. Except to the extent, if any, limited by Hawaii Revised Statutes, §663.10.5, User shall be responsible for the acts, omissions, and conduct of all of those involved with User's entry, use or occupancy of the Use Area and the conduct of the Authorized Activity, including the User Agents, all as if such acts, omissions or conduct were being performed and/or not being performed by User. User, on behalf of itself and the User Agents, including all who perform any activities in connection with the Preconstruction Work or within the vicinity of the Use Area or the Property, acknowledges and promises that User will ensure that all of the User Agents will be bound to perform and comply with all of the terms and conditions of this Agreement when performing any Authorized Activity and/or work affecting or potentially affecting the Use Area or the Property.
 5. Maintenance of Use Area. To the extent that the Authorized Activity involves the use of any UH Facilities, or access through any portion of the Property, User shall, at User's sole cost and expense, keep and maintain and ensure that the User Agents keep and maintain, the Use Area, the portions of the Property used by User or affected by the Authorized Activity and any UH Facilities used or affected in good condition and repair during the Term of this Agreement, normal wear and tear excepted. User may not construct or install and shall ensure that the User Agents do not construct or install any improvements or structures within the Use Area and/or the Property, except for the construction or installation, if any, specified in Exhibit B and included in the User Preconstruction Management Plans, and provided that User shall bear and pay for all costs associated with any such construction and installation and UH shall not be required to pay for any such costs. User understands that neither User nor the User Agents will be permitted to construct any permanent or long term improvements or structures. User shall not have the right to connect and ensure that the User Agents do not connect to any of UH's utility, sewer, or drainage lines or facilities without first obtaining the UH's prior written approval and only if User bears the entire cost of such connections, including installing such meters and measuring devices to ensure that UH does not incur any cost or expense relating to User's installation or use of UH's utility, sewer, and/or drainage lines and facilities.
 6. User Responsibility for Damage. User shall be responsible, at its sole cost and expense, for repairing any damage to the Use Area and/or the Property that is caused by or attributable to User's use of the Use Area or the Property, including any damage caused by the User Agents.

- a. User to obtain approval for repairs. In effecting such repairs, User acknowledges that User will need to obtain UH's prior written approval for any such repairs (which may need to be coordinated with UH personnel responsible for the maintenance and upkeep of the Use Area and/or the Property), which approval shall not be unreasonably withheld or delayed. Depending on the extent of the necessary repairs, UH may need to have such repairs performed and completed, all at User's cost and expense, supported by proper written documentation. The UH contact listed in Exhibit C (Site Specific Conditions), paragraph 2.e, will be User's point of contact for coordination with UH personnel, unless UH designates a different contact in writing to User.
 - b. User to deposit estimated repair cost. User may be required to deposit the estimated cost of such repairs with UH before the commencement of any Authorized Activity and pay any additional costs incurred upon demand from UH, plus ten percent (10%) to cover UH's administrative overhead. Initial payment to repair any such damages shall be made within fourteen (14) days after the end of User's Authorized Activity or the term of this Agreement during which such damage occurred or was discovered.
7. UH not responsible for damage or theft. UH shall not be responsible for damage, vandalism or theft to the property of User and/or the User Agents including, but not limited to, damage, vandalism or theft of property (such as automobiles and their contents) occurring on or within the Use Area and/or the Property.
 8. Hazardous Materials. User shall not, and shall ensure and require that the User Agents shall not, cause or permit:(a) the escape, disposal, or release of any Hazardous Materials (as defined herein) except as permitted by law, (b) the storage or use of such Hazardous Materials in any manner not sanctioned by law or the highest standards prevailing in the industry for the storage and use of such Hazardous Materials, or (c) such Hazardous Materials to be brought on or within the Use Area and/or the Property, except to use in the ordinary course of business, and then only after written notice is given to UH of the identity of such Hazardous Materials and upon UH's consent, which consent may be withheld at UH's sole and absolute discretion.
- a. Definitions.
 - (1) Environmental Laws. "**Environmental Laws**" means all: (a) federal, state, county, and local laws, statutes, regulations, rules, ordinances, codes, and licenses, (b) standards, directives, interpretations, orders, approvals, plans, authorizations, concessions, franchises, conditions of approval, and similar items mandated by any Governmental Authority, (c) permits of which UH has notified User, or of which User knows or has reason to know, and (c) legislative, administrative or judicial orders, decrees, requirements, rulings, or judgments of any Governmental Authority, all of which now or in the future may relate or be applicable to the protection of human health or safety or to the environment, including, without limitation: (i) all requirements pertaining to reporting, licensing, permitting, investigation, and remediation of emissions, discharges, releases, or threatened releases of hazardous materials, chemical substances, pollutants, contaminants, or hazardous or toxic substances, materials or wastes whether solid, liquid or gaseous in nature, into the air, surface water, groundwater, or land, or relating to the manufacture, processing, distribution, use, treatment, storage, disposal, transport, or handling of chemical substances, pollutants, contaminants, or hazardous or toxic substances, materials, or wastes, whether solid, liquid, or gaseous in nature; (ii) all requirements pertaining to the protection of natural resources or of the health and safety of employees or the public; and (iii) the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended, the Resource Conservation and Recovery Act, as amended by the Solid and Hazardous Waste Amendments of 1984, the Federal Insecticide, Fungicide and Rodenticide Act, as amended, the Hazardous Materials Transportation Act, the Clean Water Act, the Clean Air Act, the Toxic Substances Control Act, the Safe Drinking Water Act, as the same may be amended from time to time, and any similar federal, State of Hawai'i (including without limitation Hawai'i Revised Statutes Chapters 128D and 342B through 342P, inclusive), and county

laws and ordinances, and regulations now or hereafter adopted, accomplished, and promulgated pursuant thereto applying to the Use Area, the Property, and/or the Preconstruction Work, or any portion thereof.

- (2) Hazardous Materials. “*Hazardous Materials*” means any substance, element, compound, mixture or solution (whether solid, liquid or gas): (a) the presence of which requires investigation or remediation under any Environmental Laws; or (b) which is now or at any time hereafter in effect becomes defined as a “hazardous waste,” “hazardous substance,” pollutant or contaminant under any Environmental Laws; or (c) which is toxic, explosive, corrosive, flammable, infectious, radioactive, carcinogenic, mutagenic, or otherwise hazardous and is or becomes regulated by any Governmental Authority; or (d) the presence of which on the Use Area and/or the Property causes or threatens to cause a nuisance upon the Use Area and/or the Property or to adjacent properties or poses or threatens to pose a hazard to the health or safety of persons, to property or to the environment, on or about the Use Area and/or the Property; or (e) which is or which contains, fuel, oil, sludge, crude oil or residue, trichloropropane, Microbial Matter, petroleum and petroleum products, asbestos and asbestos-containing materials, polychlorinated biphenyls, lead, or radon. The term “*Microbial Matter*” means fungi or bacterial matter which reproduces through the release of spores or the splitting of cells, including, but not limited to, mold, mildew, and viruses, whether or not such Microbial Matter is living.

- b. User responsible for Hazardous Materials impacts. In compliance with this Agreement, at no cost to UH, as an Authorized Activity, User shall complete a site visit and inspection of the Use Area and the Property and complete an inventory of existing site conditions and any Hazardous Materials conditions or environmental issues within the Use Area and the Property which User and the User Agents will be entering.

- (1) User to notify of Hazardous Material conditions. User shall notify and provide UH the results of User’s site visit, inspection, and inventory of conditions, including any reports. If User contends that the site visit, inspection, and inventory of conditions has identified Hazardous Materials conditions or environmental issues, User will notify UH and attempt to negotiate a mutually acceptable resolution, but in no way whatsoever shall UH be obligated to remediate Hazardous Materials in order to allow User and/or the User Agents to use the Use Area and/or the Property or complete the Preconstruction Work and User shall indemnify and hold harmless UH from such costs. Any decision by UH to engage in remediation expenditures shall be at the sole discretion of UH and User shall have no right to force UH to remediate Hazardous Materials, even if such Hazardous Materials conditions or environmental issues existed before User or the User Agents entered Use Area and/or the Property. However, User shall have no liability or responsibility for any pre-existing Hazardous Materials disclosed to UH that are identified through such site visit, investigation and inventory, provided that this sentence shall not limit User’s liability or responsibility pursuant to Applicable Laws for (i) User’s use of the Use Area and/or the Property, (ii) completion of any work by User or any of the UH Agents, including the Preconstruction Work, or (iii) Hazardous Materials disturbed by User or any of the User Agents.

- (2) User responsible from entry date. At and as of the time User enters any portion of the Property, User shall be responsible for: (a) any Hazardous Materials conditions and environmental issues and violations caused by User or any of the User Agents and attributable to User’s use of the Use Area and/or the Property and/or the Preconstruction Work and (b) any fines and penalties, mitigation, restoration, and clean-up requirements, and/or the results of any other enforcement actions arising from said Hazardous Materials conditions and/or environmental issues and violations created or caused by User or any User Agents, regardless of when the enforcement action commenced or was concluded. If UH is required for any reason to remediate and cleanup any Hazardous Materials

within the Property as a result of User's use of the Use Area or the Property and/or the Preconstruction Work, User shall pay for all costs and expenses incurred or to be incurred by UH in remediating and cleaning up any such Hazardous Materials. All such costs will be supported by proper written documentation.

- c. Notice to UH. User shall keep UH fully informed at all times regarding all matters related to any Environmental Laws affecting User and/or the User Agents and their use of the Use Area and/or the Property.
 - (1) User to furnish Hazardous Materials listing. User shall provide UH with a Hazardous Materials listing including, but not be limited to, a current and complete list and accounting of all Hazardous Materials of every kind which are present in, on, or about the Use Area and the Property by or as a result of User or any of the User Agents, together with evidence that User and the User Agents have in effect all required and appropriate permits, licenses, registrations, approvals, and other consents that may be required by any Governmental Authority or under any Environmental Laws.
 - (2) User to notify of investigation or enforcement action. User shall also provide UH with immediate written notice of any investigation, enforcement action, compliance order, or order of any type, or any other legal action, initiated, issued, or any indication of an intent to do so, communicated in any way to User by any Governmental Authority that relates in any way to any Environmental Laws or any Hazardous Materials on or within the Use Area or the Property.
- d. Remediate, clean up and restore. In the event that any Hazardous Materials are used, stored, treated, or disposed on or within the Use Area and/or the Property, or handled, discharged, released, or determined to be present on or from the Use Area and/or the Property due to, caused by, or attributable to the acts or omissions of User and/or any of the User Agents, User shall, at User's cost and expense and at no cost to UH, remediate the affected portions of the Use Area and/or the Property, of any such Hazardous Materials, and dispose/remove said Hazardous Materials. In addition, User agrees to restore the affected portions of the Use Area and/or the Property, at User's cost and expense and at no cost to UH, to the same condition in which they existed at the commencement of this Agreement, to UH's reasonable satisfaction.
- e. Failure to remediate and restore. In the event User fails to restore the affected portions of the Use Area and/or the Property to the same condition as required hereunder, as determined by UH, after a ten (10) day prior written notice to comply from UH, User agrees that UH may complete such restoration at the cost and expense of User (as supported by proper written documentation), which amount User shall immediately pay to UH upon demand by UH, plus ten percent (10%) for UH's administrative overhead.
- f. Indemnify and defend. User shall indemnify, defend with counsel reasonably acceptable to UH, and hold harmless UH and the UH Agents from any liability that may arise in connection with, or by reason of, the release or presence of Hazardous Materials or any occurrence involving any Hazardous Materials that may be alleged to be connected to, or related in any way with User's Authorized Activity, use of the Use Area, and/or UH making the Use Area available to User.
- g. Disposal/Removal. Except for the possession and handling of Hazardous Materials for which User is exempt, and those Hazardous Materials for which User has obtained all currently required permits to store or use certain Hazardous Materials within the Use Area and/or the Property, including written permission from UH, User shall cause any Hazardous Materials resulting from use by User and/or any of the User Agents to be removed and transported from the Use Area and/or the Property for disposal solely by duly licensed Hazardous Materials transporters to duly licensed facilities for final disposal as required by all applicable Environmental Laws. User shall provide UH with copies of documentary proof reasonably satisfactory to UH, including manifests, receipts, or bills of lading, which reflect said Hazardous Materials have been properly removed

and disposed of in accordance with all Environmental Laws, and the results of all assessments and investigations that may be reasonably ordered by UH or by any Governmental Authority responsible for enforcement of the Environmental Laws. User's obligations under this paragraph shall not extend to any pre-existing Hazardous Materials except as required by Applicable Laws for (i) completion of any Preconstruction Work by User or any of the User Agents, or (ii) Hazardous Materials disturbed by User or any of the User Agents.

- h. Release and indemnity. User hereby agrees to release UH, the UH Agents, and their successors and assigns from any liability of any kind, including, but not limited to, any liability for any damages, penalties, fines, judgments, or assessments that may be imposed or obtained by any person, agency, or Governmental Authority against User by reason of any (1) pre-existing Hazardous Materials or any act or omission by UH with respect thereto prior to the Effective Date of this Agreement, or (2) Hazardous Materials that may be present by or as a result of the use of the Use Area and/or the Property by User or any of the User Agents by whatever means on, in, or under the Use Area and/or the Property, including any fines or penalties assessed against UH for non-compliance with any Environmental Laws, unless such actions which result in liability for damages, penalties, fines, judgments, or assessments imposed are caused by UH after the date of this Agreement. User shall indemnify, defend with counsel reasonably acceptable to UH, and hold harmless UH and the UH Agents from any liability that may arise in connection with, or by reason of, the release or presence of Hazardous Materials or any occurrence involving any Hazardous Materials that may be alleged to be connected to, or related in any way with: (1) entry onto or use of the Use Area and/or the Property by User or any of the User Agents, or (2) any Authorized Activity performed by User or any User Agents; provided, however, that User shall not be liable for any release of Hazardous Materials by UH after the date of this Agreement and without fault or negligence of User or any of the User Agents, or for any pre-existing Hazardous Materials with respect to which User has satisfied the burden of proof set forth in subparagraph 8.i. below.
- i. Burden of Proof. In all instances covered in this paragraph 8 (Hazardous Materials), User accepts the burden of establishing that it is not responsible for the existence of Hazardous Materials on, in, or under the Use Area and/or the Property. If User cannot establish that it is not responsible for the existence of Hazardous Materials on, in, or under the Use Area and/or the Property, User shall be deemed responsible for the existence of the Hazardous Materials. However, User shall have no liability or responsibility for any Hazardous Materials disclosed to UH that are identified through such site visit, investigation and inventory as provided in subparagraph 8.b. provided (A) such Hazardous Materials are not disturbed by User or any of the User Agents, and (B) User and each of the User Agents complies with all Applicable Laws in completing their work, including the Preconstruction Work, on or within the Use Area and/or the Property.
9. User Responsibility for Cleanup. Upon the expiration or sooner termination of this Agreement or at the end of User's Authorized Activity, whichever event occurs first (the "**End Date**"), User shall be responsible, at User's sole cost and expense, for completing and ensuring that the User Agents complete the following: (a) removing and disposing of all trash, debris, and rubbish generated from or by User's Authorized Activity or User's use of the Use Area, (b) removing all vehicles, equipment, utility lines, sewer lines and components, temporary structures, devices, tools, and other personal property used by or brought into the Use Area by User or any of the User Agents (collectively the "**Personal Property**") (or to the extent such removal may be directed by UH) (c) cleaning up and restoring the Use Area to the condition it was in before User's use of the Use Area, subject to ordinary wear and tear and in accordance with the reasonable guidelines furnished by UH, and (d) scheduling a pre-final inspection with UH, and correcting, to UH's reasonable satisfaction, any deficiencies disclosed thereby on or before the final inspection date specified by UH. UH's acceptance of the condition of the Use Area based on the final inspection shall not constitute a release or waiver of any claims that UH may have against User and/or the User Agents if damage or deficiencies in the repair and/or restoration of the Use Area and/or the Property are subsequently discovered. If subsequently discovered, UH is reserving the right to require User and/or the User Agents to address and correct such damage and deficiencies in accordance with User's surviving obligations under this Agreement.

- a. User failure to clean up. If User fails to remove and/or clean up and restore the Use Area and/or the Property or fails to cause the User Agents to complete any such required removal and/or clean up and restoration of the Use Area and/or the Property, to the same condition as required hereunder, as determined by UH, UH may complete such restoration, removal, and clean-up, at the cost and expense of User, which amount (as supported by proper written documentation), User shall immediately pay to UH upon demand by the UH plus ten percent (10%) for UH's administrative overhead.
 - b. User failure to remove Personal Property. In the event User fails to timely remove or fails to cause the User Agents to timely remove the Personal Property from the Use Area and/or the Property, UH may, but shall not be obligated to, do either of the following, all without liability to User and/or the User Agents: (i) remove the Personal Property, and treat the Personal Property as abandoned and dispose of the same, or (ii) store the Personal Property at the sole cost and expense of User, which amount (as supported by proper written documentation) User shall immediately pay to the UH upon demand by UH, plus ten percent (10%) for UH's administrative overhead.
10. No Liens. User shall not, and shall ensure that the User Agents shall not, during the Term hereof, commit or suffer any act or neglect whereby any portion of the Use Area and/or the Property, or any part or parts thereof, shall at any time become subject to any attachment, lien, charge, or encumbrance whatsoever (hereafter collectively the "*Liens*").
 - a. User shall remove Liens. User shall take immediate action to discharge, eliminate, or remove the Liens, including, without limitation, bonding or posting other security until the discharge, elimination, or removal is finally determined and the Liens resolved and discharged.
 - b. UH may act if User fails to timely remove. If UH reasonably determines that User is not taking timely action or may be unsuccessful in its efforts to discharge, eliminate, or remove the Liens, UH may after a ten (10) day prior written notice to comply to User: (1) at the sole cost and expense of User take such action as UH deems necessary, including, without limitation, seeking judicial or administrative action or intervention to discharge, eliminate, and/or remove the Liens and/or (2) treat User to be in breach or default of this Agreement and terminate the rights of User and the User Agents under this Agreement. User shall immediately pay to UH such costs as may be incurred by UH (as supported by proper written documentation, including a ten percent (10%) markup for UH's administrative overhead) upon demand by UH.
11. Assignment. UH may assign or otherwise transfer any interest in this Agreement without User's consent. In making such assignment or transfer, UH will require the assignee or transferee to assume and be responsible for all of UH's obligations under this Agreement with respect to the interest in or portion of the Use Area and/or the Property acquired by such assignee or transferee.
 - a. UH assignee entitled to UH rights. To the extent that UH transfers or assigns UH's interest under this Agreement, UH's assignee or transferee shall be entitled to all of UH's rights and benefits under this Agreement, including, without limitation, the benefit of User's indemnity and insurance obligations hereunder and User's parent entity guarantee obligations, if any.
 - b. User may not assign without UH consent. User may not assign or otherwise transfer any interest, right, liability, or obligation in or under this Agreement without UH's prior written consent and any such assignment or transfer shall not release or discharge User and/or the User's parent entity guarantee obligations.
12. Amendment. This Agreement shall not be amended except in a writing signed by the Parties.
13. Counterparts; facsimile signatures. This Agreement may be executed in counterparts, each of which shall be deemed an original, and said counterparts shall together constitute one and the same agreement, binding all of the Parties hereto, notwithstanding all of the Parties are not signatory to the original or the same counterparts. For all purposes, including, without limitation, recordation, filing, and delivery of this

instrument, duplicate unexecuted pages of the counterparts may be discarded and the remaining pages assembled as one document. The submission of a signature page transmitted by email or facsimile (or similar electronic transmission facility) shall be considered as an “original” signature page for purposes of this Agreement.

14. User representations and warranties. In addition to any other representations and warranties contained in this Agreement, User hereto represents and warrants to UH as of the earlier of the Execution Date or the Effective Date of this Agreement that:
- a. Duly organized. User is duly organized, validly existing, and in good standing in the jurisdiction of its organization.
 - b. Full right and authority. User has the full right and authority and has taken all requisite corporate or other action to enter into, execute, deliver, and perform its obligations under this Agreement.
 - c. Has obtained all requisite approvals. User has obtained all approvals and consents that are necessary to fully authorize and empower User to validly enter into this Agreement and has obtained or shall timely obtain all approvals and consents that are necessary to perform all of the obligations of User under this Agreement.
 - d. Agreement is a binding obligation. User represents and warrants that this Agreement constitutes a legal, valid, and binding obligation enforceable against User in accordance with its terms, except as may be limited by applicable bankruptcy, insolvency, reorganization, moratorium, and other similar laws now or hereafter in effect relating to creditors’ rights generally.
 - e. No litigation or investigation. There is no litigation, action, proceeding or investigation pending or, to the best of User’s knowledge, threatened before any court or other Governmental Authority by, against, or involving any of User’s business or assets that would affect User’s ability to carry out User’s obligations under this Agreement.
 - f. No other breach. Neither the execution and delivery of this Agreement by User nor User’s compliance with any of the terms and conditions of this Agreement will result or results in a condition or event that would constitute (or that upon notice or lapse of time or both would constitute) an event of default under any material contractual obligation of User in any other agreement to which User is a party.

15. Force Majeure.

- a. Obligations. If a Force Majeure Event (as defined herein) prevents, interferes, or restricts the performance of this Agreement, the affected Party shall use reasonable efforts to promptly notify the other Party in writing (i) that it is unable to perform, and (ii) the expected duration of such inability.

During the duration of a Force Majeure Event, neither Party shall be liable for any failure, delay, or interruption in performing its obligations hereunder due to causes or conditions beyond its reasonable control, and not due to any fault or negligence of the Party affected. The affected Party shall use its reasonable efforts to resume performance as soon as possible.

A “*Force Majeure Event*” includes, but is not limited to, strikes, boycotts, picketing, slow-downs, work stoppages, or labor disputes; restrictions or requirements imposed by laws or government actions with the force and effect of law; priorities, rationing, curtailment, or shortage of labor or materials; war, revolution, acts of terrorism, or any matter or thing resulting therefrom; embargoes, acts of God, or severe weather or climatic conditions (such as storms, hurricanes, typhoons, earthquakes, tornadoes, volcanic eruptions, earth movements, tsunamis, and floods); acts of the public enemy, acts of superior governmental authority, riots, rebellion, sabotage, fire, or accidents; epidemics, pandemics, quarantines, or regional, national, or international public health

emergencies; or any other cause or causes beyond the reasonable control of the affected Party or Parties.

- b. Not excused from performance. User, however, shall not be excused from performing its obligations under this Agreement, if and to the extent that User was provided access to the Use Area during the Term of this Agreement, in which case User will be responsible: (1) for the payment of amounts due to UH and (2) to perform User's obligations under this Agreement.
16. Severability. If any provision of this Agreement or the application thereof to any person, entity, or circumstance shall, to any extent, be deemed invalid, void, or unenforceable by a court of competent jurisdiction, the remainder of this Agreement, or the application of such provision to persons, entities, or circumstances other than those as to which it is invalid, void, or unenforceable, shall not be affected thereby, and each other provision of this Agreement shall be valid and enforceable to the full extent permitted by law.
17. Governing Law; Jurisdiction. This Agreement shall be governed by, interpreted, construed, and enforced in accordance with the laws of the State of Hawai'i. UH and User agree that the Circuit Court of the judicial circuit in which the Property is located shall have jurisdiction over this matter to enforce the terms of this Agreement.
18. Fair Meaning. Provisions in this Agreement relating to number of days shall be calendar days. Use of the word "including" shall mean "including, but not limited to." References to statutes, sections, ordinances, or regulations are to be construed as including all statutory, ordinance, or regulatory provisions consolidating, amending, replacing, succeeding or supplementing the statute, section, ordinance or regulation.
19. Waiver. Any waiver of the terms, conditions, or provisions of this Agreement or a Party's rights or remedies under this Agreement must be in writing to be effective. Failure, neglect, or delay by a Party to enforce the terms, conditions, or provisions of this Agreement or such Party's rights or remedies at any time, will not be construed as a waiver of such Party's rights under this Agreement and will not in any way affect the validity of the whole or any part of this Agreement or prejudice such Party's right to take any subsequent action. No exercise or enforcement by any Party of that Party's rights or remedies under this Agreement will preclude the enforcement by such Party of any of its other rights or remedies that are available under this Agreement or by law.
20. Cross-Default. User's failure to comply with this Agreement shall constitute a breach by User under any other agreements with UH. User's failure to comply with any other agreement or commitment made by User to UH shall constitute a breach and default by User under this Agreement. Without limiting UH's remedies under any agreements with User, UH shall have the right to terminate any or all of its obligations to User and User's rights under any agreements with UH, including this Agreement, if User shall breach any User obligation and/or commitment made by User to UH.
21. No property interest transferred. User understands and agrees that User is not acquiring any property interest of any kind in the Use Area and/or the Property or the right to enter and use the Use Area beyond that which is specifically permitted hereunder with respect to the conduct of the Authorized Activity within the Use Area during the Term of this Agreement. User is not entitled to, and UH is not obligated to grant to User, any rights to use the Use Area beyond the Term of this Agreement.

End of Exhibit D

MANAGER'S REPORT No. 22-63

May 26, 2022

Re: Discussion and Possible Action to execute an annual Use and Occupancy Permit No. 847 between the State of Hawai'i and the Board of Water Supply, County of Kaua'i for non-trenching maintenance, inspection and other uses and activities within the State Highway Right of Way, Kaua'i, Hawai'i.

RECOMMENDATION:

It is recommended that the Board enter into an annual Use and Occupancy Permit (UOP) No. 847 between the State of Hawai'i and the Board of Water Supply, County of Kaua'i for non-trenching maintenance, inspection and other uses within the State Highway Right of Way, Kaua'i, Hawai'i.

Further, Board approval is specifically requested for the "Workmanship: Responsibility" and "State: Indemnity" provisions in the UOP, wherein the Board agrees to the following provisions in connection with Department of Water's use and occupancy within the various state highway right of ways on Kaua'i:

Workmanship: Responsibility

"6. To make, for a period of one (1) year after the expiration date of this permit, any necessary repairs to highway facilities disturbed and/or caused by the work, activity, or event performed under said permit; or to pay the actual cost of such repairs made by the Department of Transportation."

And:

State Indemnity

8. To protect, defend, indemnify and save harmless, the state and its agents and representatives against any claim, liability, suit, or action of every manner and description, for any injury to or death of persons or for property damage, whenever such injury, death, or damage shall be inflicted or caused by him, his agents, contractors, or representatives in connection with the work, activity, or event covered by said permit.

FUNDING: N/A.

BACKGROUND:

The State of Hawai'i' Department of Transportation requested the Department of Water to apply for an annual UOP for non-trenching work in the various state highway right of ways in a similar way that other utilities such as the County of Kaua'i Waste Water Division. The proposed permit application is intended to include Department of Water non-trenching functions related to the maintenance, repair, and replacement of water facilities which include water meters, hydrants, pressure/air relief valves and other system appurtenances. The application also covers inspection and water meter readings.

The State is requiring that the Department complete and apply for this permit on an annual basis for non-trenching work in the State Right of Way. This is the first annual permit application being submitted by the Department for the non-trenching coverage. Annual application will need to be submitted prior to expiration of any existing permit. The attached UOP 847 draft will have a revised application date

(currently 4/18/22) to reflect the then anticipated current date (May/June 2022) provided Board approval is attained via this Manager's report. The one (1) year time period would commence from that time and expire in May/June 2023. Please note that trench work, such as for Operations waterline repairs will still need to obtain a separate permit to perform work upon state highways.

Potential future financial liabilities:

Due to not knowing when or the amount of any financial liabilities that may or may not occur in the future associated with the conditions of the UOP, specific funding to address potential financial liabilities is not being requested or budgeted at this time. If special funding is required in the future, the necessary funds will be requested from the Board at that time.

OPTIONS:

Option 1: Agree to enter into Use and Occupancy Permit No. 847 with the State of Hawai'i.

Pros: The completion of a UOP will address the State request that a UOP is completed for the non-trenching maintenance, repair, replacement, inspection and reading of Department of Water facilities and meters installed in the State Highway Right of Way.

Cons: The UOP will obligate the DOW with unknown financial liabilities and risk; to some extent at the discretion of the State. The permit will also have to be reapplied for annually as each permit is only valid for one (1) year from approximate time of application date.

Option 2: Do not agree to enter into Use and Occupancy Permit No. 847 with the State of Hawai'i.

Pros: The Department will not be bound by an annual permit that subjects the Department to unknown financial liabilities and risk.

Cons: The Department may not be able to maintain, repair, replace, inspect, or read meters and water facilities that do not involve trenching as intended as it relates to the State request for an annual UOP.

DM/CZ

Attachment: 1. Use and Occupancy Permit No. 847

APPLICATION & PERMIT FOR THE OCCUPANCY & USE OF STATE HIGHWAY RIGHT-OF-WAY

Application date _____, **20**_____

POLICE CHECKLIST: ITEMS 1 THRU 5.

Pursuant to the provisions of Chapter 264, Hawaii Revised Statutes as amended, application is hereby made to perform the following work, activity, or event, upon the state highway described below and at the location(s) specified below and at no other place.

1. Name of Highway _____ **Route # /Section** _____

2. Locations or limits on said highway _____

3. Description of work, activity, or event to be performed

Engineering Survey Maintenance Inspection Landscaping Other

4. Dates between which work, activity, or event will be performed: _____

5. General Conditions

- a. No digging or disturbing of the highway will be permitted under this permit.
- b. The work, activity, or event may be performed only during off-peak hours unless otherwise approved in writing. Peak hours are from 6:00 AM to 8:30 AM and from 3:00 PM to 6:00 PM, Monday through Friday excluding State Holidays.
- c. All lanes shall be open to traffic during the hours from 6:00 AM to 8:30 AM, during the hours of 3:00 PM to 6:00 PM, and when no work is being done under this permit. Only one lane of traffic may be closed at any other time unless otherwise approved in writing.
- d. Parking permitted only in designated areas for vehicles actively engaged in, or loading or unloading materials for, the specified work, activity, or event. Unattended vehicles will not be permitted.

6. Special Conditions and/or Restrictions _____

7. Submittals Required

- a. Traffic Control Plan (whenever there are lane closures)
- b. Approved Landscaping Plan: It is agreed that upon final acceptance of the approved landscape work by the State, all improvements placed on said premises shall be and remain the property of the State and may be removed or otherwise disposed of by the State at any time.
- c. Proof of State Indemnity
 - Certificate of Insurance naming State of Hawaii as an additional insured, having minimum coverages for Bodily Injury or Death Per Person; Bodily Injury or Death Per Accident: and Property Damages Per Accident of:
 - \$100,000, \$300,000, and \$500,000 respectively; or
 - combined single limit of \$500,000
 - Certificate attached or with Permit No. _____
 - Federal Non-Liability Clause (See Item 11 on the back of this permit)
 - Waived
- d. Permit Fee \$_____ (make check payable to Dept. of Transportation, State of Hawaii)

The applicant hereby agrees that any agreement heretofore made or hereafter to be made, and the covenants and conditions stated on the reverse side hereof shall be binding upon him, his heirs, personal representatives, successors, contractors, and assigns.

APPLICANT: _____
(Name or owner, whether individual firm, partnership, corporation, governmental agency, etc)

ADDRESS: _____

TELEPHONE NUMBER: _____

(Print Name & Title of Applicant or Authorized Rep.)

(Signature)

PERMIT NO. _____ **DATE** _____, **20**_____

Permission to perform the above described work, activity, or event at the location(s) stated and between the dates set forth in said application is hereby granted. The applicant shall notify the issuing office in writing at least 24 hours before commencing work.

Director of Transportation or Authorized Representative

IN CONSIDERATION OF A PERMIT BEING ISSUED TO THE APPLICANT, THE APPLICANT HEREBY AGREES AS FOLLOWS:

Rules & Regulations

1. To observe and comply with and cause all his agents, servants, and employees to observe and comply with all existing laws, ordinances, and regulations.
2. To install, provide, and maintain all traffic control devices in accordance with the Administrative Rules Governing the Use of Traffic Control Devices at Work Sites on or Adjacent to Public Streets and Highways as adopted by the Director of Transportation, and the FHWA Manual on Uniform Traffic Control devices for Streets and Highways, Part VI, Traffic Controls for Highway Construction and Maintenance Operations.
3. To safeguard and facilitate the movement of vehicular and pedestrian traffic in accordance with the Administrative Rules Governing the Design, Construction, and Maintenance of Public Streets and Highways as adopted by the Director of Transportation; to place signs or barricades informing motorists or pedestrians of work to be done in a safe manner and remove same upon completion of work.

Workmanship: Responsibility

4. To diligently prosecute the work, activity, or event to completion, in a neat and workmanlike manner, within the dates and conditions set forth under said permit so as to minimize any inconvenience or interference to the public or traffic movements.
5. To remove all equipment and unused material upon completion of the work, activity, or event, repair any damages and leave the surface in a clean, safe, usable, and presentable condition.
6. To make, for a period of one (1) year after the expiration date of this permit, any necessary repairs to highway facilities disturbed and/or caused by the work, activity, or event performed under said permit; or to pay the actual cost of such repairs made by the Department of Transportation.
7. To make all repairs in such manner as may be required by Chapter 264, Hawaii Revised Statutes.

State Indemnity

8. To protect, defend, indemnify and save harmless, the state and its agents and representatives against any claim, liability, suit, or action of every manner and description, for any injury to or death of persons or for property damage, whenever such injury, death, or damage shall be inflicted or caused by him, his agents, contractors, or representatives in connection with the work, activity, or event covered by said permit.
9. To procure, at his own expense, and keep in force at all times when the work, activity, or event permitted under said permit is being done, a policy or policies of public liability and property damage insurance, naming the State as additional insured, covering the work, activity, or event to be done under said permit and for at least the minimum coverages set forth on the reverse side hereof. The State is to be given 30 days written notice of cancellation of said insurance.
10. To supply evidence satisfactory to the State that the required insurance has been procured and is in force prior to commencing the work, activity, or event approved under said permit.
11. If the death or injury to any person, or the loss or damage to any property, is caused by the United States Government in the course of its use of the property, the liability, if any, of the U.S. Government thereof shall be determined in accordance with the applicable provisions of the Federal Tort Claims Act (62 Stat. 869,982;28 USC 2671-2680).

Nondiscrimination Covenants

12. No person on the grounds of race, color, religion, sex, or national origin shall be excluded from participating in, denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities.
13. In the construction of any improvements on, over, or under such land and the furnishing of services thereon, no person on the grounds of race, color, religion, sex, or national origin shall be excluded from participating in, denied the benefits of, or otherwise be subjected to discrimination.
14. The applicant shall use the premises in compliance with all other requirements imposed by or pursuant to Title 49, Code of Federal Regulation, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally Assisted Programs of the Department of Transportation—Effectuation of Title VI of the Civil Rights Act of 1964, and as said Regulation may be amended.

Agreements

15. Any State highway representative or police officer has the right to stop any or all of the work or activity being performed under this permit if the work or activity is being conducted in an unsafe or unauthorized manner. The work or activity will not be allowed to continue until the deficiency has been corrected.
16. To surrender the permit herein applied for and surrender all rights thereunder whenever notified to do so by the State. The State may cancel this permit at any time.
17. To keep a copy of said permit available for exhibit upon request of any representative of the Department of Transportation or police officer.

DEPARTMENT OF WATER

County of Kaua'i

"Water has no Substitute – Conserve It!"

MANAGER'S REPORT No. 22-64

May 26, 2022

Re: Discussion and Possible Action for Job No. 17-10, Water Plan 2020 No. KW-07, Rehabilitate Paua Valley Tank No.1, 0.5 MG Concrete, Kekaha Water System for Additional Construction Funding

RECOMMENDATION:

It is recommended that the Board approve additional funds for the subject project to allow the Department to remove, treat and dispose of PCB contaminated water discovered during construction.

FUNDING:

Approved Budget FY17-18

10-21-00-604-001 WU/Capital Outlay-R&R/Paua Valley Tank Repair \$1,400,000.00

Approved at December 2, 2019 Special Board Meeting

10-21-00-604-001 WU/Capital Outlay-R&R/Paua Valley Tank Repair \$ 975,000.00

Total Approved Funding to date = \$2,375,000.00

Contractor Proposal (Earthworks Pacific. Inc.) \$2,264,750.00

Total Contingency Remaining \$ 110,250.00

Reduce Encumbrance 10-21-00-604-001

WU/Capital Outlay-R&R/Paua Valley Tank Repair \$ (265,250.00)

Proposed Contract Change Order (CCO) \$ 994,393.77

Proposed Contingency \$ 160,856.23

Total Funding Required for Proposed CCO and Contingency \$3,420,000.00

Available State Appropriation Grant Fund for Paua Valley Tank \$1,200,000.00

Additional Funds Requested from, 40-21-00-604-001

State Appropriation Grant/Capital Outlay-R&R/Paua Valley Tank Repair \$1, 200,000.00

State Appropriation Grant balance after additional funds approved \$ -0-

BACKGROUND:

The original scope of the Paua Valley Tank #1, 0.5 MG Project was to address the cause of a leak in the tank and perform hazardous material testing. During this testing, it was determined that the tank's liner contained Polychlorinated Biphenyls (PCBs). The tank was then taken out of service by the DOW Operations Division. This project was then initiated to mitigate the PCBs and other hazardous materials such as lead paint in addition to fixing the leak(s) in the existing tank.

This scope of this project, as indicated in the contract drawings and specifications, is as follows:

Repair the existing tank which is a 0.5 million gallon (MG) reinforced concrete reservoir, with an inside diameter of 69 feet and a maximum water height of 18 feet to the overflow pipe opening. The flat concrete roof is supported on the interior by four square concrete columns. Work includes installation of a level indicator system with gauge board, remove and replace the interior ladder, remove and replace the asphalt concrete pavement surrounding the reservoir, repair the leak at the base of the reservoir, spall repairs, install interior coating of the reservoir, repaint the entire reservoir including appurtenances, remove and replace the reservoir roofing system, mitigate hazardous materials associated with the repair work. The project is located in the Kekaha, Kaua'i, Hawai'i. area accessed by a gated unpaved access road from Koke'e Road.

Bids were opened on October 31, 2019 and additional funding secured at the December 2, 2019 Special Board Meeting to award a contract to Earthworks Pacific, Inc. in the amount of \$2,264,750.00, whose bid was deemed responsive to procurement.

During the start up of the construction work, water within the tank, which was not previously tested, was sampled and tested to determine if it could be discharged to the tank's drainage way. Upon investigation, the sample was determined to contain PCB levels above those allowed by EPA to be discharged without treatment.

At that time, the project was placed on hold to have additional evaluation completed to determine the best course forward. As discussed at the October and November 2020 Board meetings, the Department utilized the current As-Needed Engineering Services Indefinite Delivery Indefinite Quantity (IDIQ) contract with Brown and Caldwell. This is separate and apart from the current contract with KAI Hawai'i.

A high-level analysis of all options and provide an order of magnitude cost analysis to determine a clear financial path forward. Specifically, should the department continue on its course to rehabilitate the tank or should the department demolish the tank and construct a new tank.

Based on the analysis, initially (0-10 year) tank rehabilitation is a reasonable alternative given it's lower life-cycle cost. As the evaluation period is extended to 20 years, tank rehabilitation and tank replacement reach a break point. Extending beyond the 20 year period tank replacement is a more cost-effective approach.

Given the need and urgency to place the storage tank back into service, it was determined that the best course of action would be to move forward with the rehabilitation of the storage tank to have it back into service as expeditiously as possible.

The Department staff has communicated with the EPA Region IX representative to clarify the requirements for disposing of the contaminated tank water. Based on the EPA requirements, the Department has requested a proposal for the additional water treatment, sampling and testing work from the contractor. A proposal of \$994,393.77 has been received and reviewed by Department staff. Due to the nature of the work, the specialty filtration, sampling and testing required, the work is necessary and cost proposal is deemed acceptable.

OPTIONS:

Option 1: Approve the additional funds.

Pros: The proposed contract change order work, necessary to allow completion of the project, may be executed with the contractor to continue with the rehabilitation of the tank to bring it back online to ensure adequate storage capacity is provided to the Kekaha area. No additional Water Utility funds will be necessary beyond what has already been budgeted and approved with the use of the State appropriation funds.

Con: Additional project funds allotted to this project could be used for other projects.

Option 2: Not approve additional funds.

Pro: Department does not spend more than previously budgeted.

Con: Project work cannot be completed without the treatment and disposal of the contaminated water. State appropriation funding will be lapsed if the project does not proceed. The Kekaha area will be without adequate storage capacity for domestic and fire protection needs.

DEPARTMENT OF WATER

County of Kaua'i

"Water has no Substitute – Conserve It!"

MANAGER'S REPORT No. 22-65

May 26, 2022

Re: Discussion and Possible Action of Resolution No. 22-15, Safe Drinking Water State Revolving Fund (DWSRF) Loan of \$13M for the DW434-0012, Water Plan 2020 Project K-01, Kalaheo Water System Improvements, Kalaheo-Lawai-Omao Water System, Kalaheo, Kaua'i, Hawai'i

RECOMMENDATION:

The Board's approval is requested to adopt Resolution No. 22-16 pertaining to the subject loan agreements between the Board of Water Supply and the State Department of Health.

FUNDING:

None required.

BACKGROUND:

The State of Hawaii, Department of Health, Safe Drinking Water Branch has committed to issue a loan to the Department from the Drinking Water State Revolving Fund for the subject project. The Department has been pre-approved for a loan of \$13M, of which \$3M will be assigned principal forgiveness. The repayable portion of the loan will be \$10M issued at 0.65% interest, 1.50% annual loan fee, for a term of 20 years.

Board of Water Supply approval, documented by resolution, is required to enter into this loan agreement to secure and expend the DWSRF funds.

The funds will allow the Department to move forward with its projects that will provide critical infrastructure improvements for the Department's Kalaheo-Lawai-Omao water system.

OPTIONS:

Option 1: Approved to accept and expend DWSRF loan fund.

Pro: DWSRF loan will provide low interest supplemental funding, with cost spread out over 20 years, and allow for the project to move forward and address critical water system needs.

Con: DWSRF funds will require additional level of project management oversight to ensure that the funds are expended per State regulations and are subject to State project level audit.

Option 2: Do not accept and expend the DWSRF loan funds.

Pro: Project management expenditures will not be subject to State project level auditing.

Con: The additional funds required for the project will be passed on to the Department's customers with water rate increases.

Attachment: Resolution No. 22-15/SRF Funding – DW434-0012, K-01, Kalaheo Water System Improvements for Kalaheo-Lawai-Omao Water System.

RESOLUTION NO.

22-15

(2021-22)

Resolution No. 22-15, SRF Funding (05-26-22 Board Meeting)

APPROVING THE RECEIPT AND EXPENDITURE OF MONIES FOR:

DW434-0012 K-01, Kalaheo Water System Improvements for the Department of Water:

FUNDED BY THE DRINKING WATER STATE REVOLVING FUND (DWSRF); AND AUTHORIZING THE MANAGER AND CHIEF ENGINEER TO REDUCE, REPLACE, ALLOCATE UP TO \$13,000,000.00, THE AMOUNT CURRENTLY ENCUMBERED BY CONTRACT AND PROJECTED FOR FUTURE CONSTRUCTION, PLUS CHANGE ORDER AMENDMENTS IN THE FORM OF LOAN AGREEMENTS BETWEEN THE STATE OF HAWAII (State) AND BOARD OF WATER SUPPLY, COUNTY OF KAUAI (Board)

WHEREAS, Hawaii Revised Statutes sections 340E-31 through 340E-41 establish a drinking water treatment revolving loan fund, also known as the Drinking Water State Revolving Fund (DWSRF), for the purpose of protecting and improving drinking water quality by financing eligible projects consistent with applicable federal and state laws; and

WHEREAS, the State Department of Health may execute a loan for each of the Projects; and

WHEREAS, the Department of Water, County of Kauai (DOW) capital budgets for Fiscal Years ended June 30, 2022, appropriated monies for contracts for construction of the following project: DW 434-0012 K-01, Kalaheo Water System Improvements, in the amount of \$13,000,000.00 and DOW has encumbered monies for the projects listed above; and

WHEREAS, under Article XVII of the Kauai County Charter, expressly and by implication, the Board is the governing body of the DOW and the Board warrants that it has the full authority to manage, control, and operate waterworks of the County of Kauai, and all waterworks finances and property; and

WHEREAS, the Board and DOW also have broad authorities over County waterworks and facilities under the authorities granted to Counties and their Boards of Water Supply by Hawaii Revised Statutes Sections 46-1.5 (19) and (23), and Chapter 54; and to the extent that such statutes are not superseded by the County Charter's provisions; and

WHEREAS, the Board, to the extent permitted by law, may request and consent to the pledge of revenues for the construction and acquiring of capital improvements, and the Board warrants that it has such authority for these Projects; and

WHEREAS, for the purpose of this Resolution, any loan from the DWSRF shall constitute an obligation of the DOW; therefore,

RESOLUTION NO.

22-15

(2021-22)

Resolution No. 22-15, SRF Funding (05-26-22 Board Meeting)

BE IT RESOLVED BY THE KAUAI COUNTY BOARD OF WATER SUPPLY, STATE OF HAWAII:

1. That the Board Chair is authorized to enter into loan agreements with the State of Hawaii for the projects mentioned in paragraph 2 below, and
2. That the Manager and Chief Engineer of DOW is hereby authorized to reduce or replace up to \$13,000,000.00 in funds advanced by the DOW to undertake the project DW434-0012 K-01, Kalaheo Water System Improvements, in the form of a loan agreement between the State and the Board; and
3. That the receipt and expenditure of loan monies from the DWSRF for the Project is hereby approved; and
4. That the monies received as a loan be used to reduce or replace funds advanced by the DOW to undertake the Project; and
5. That the monies received as a loan and the resulting debt service be included as a part of DOW debt service with annual payments budgeted according to the debt service schedule to be provided by the State; and
6. That the funds borrowed by the DOW are to be held to the same accounting standards as funds borrowed through the issuance of bonds; and
7. That the Board and DOW further pledge sufficient DOW revenue as to provide security for repayment of the loan, plus interest, pursuant to the loan agreement; and
8. That the Board and DOW pledge it shall exercise their revenue bond, revenue, assessment, and other authority as needed, to the extent allowed by law, to pay the semiannual repayments and any loan fees under this agreement. As needed, the Board and DOW shall establish, increase and collect such fees, assessments, and revenues and make such adjustments to raise funds sufficient to repay the loan and pay any loan fees under this agreement, as permitted by law; and
9. BE IT FURTHER RESOLVED that this Resolution shall take effect upon the adoption thereof, and that the Secretary be directed to provide certified copies of this Resolution to the Manager and Chief Engineer of the DOW, Controller of DOW, Kauai County Mayor and the Director of the State Department of Health.

APPROVED AS TO FORM AND LEGALITY:

BOARD OF WATER SUPPLY

Mahealani Kraft
Deputy County Attorney,
County of Kauai

Julie Simonton, Chairperson
4398 Pua Loke Street
Lihue, Hawaii 96766

RESOLUTION NO.	22-15
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(2021-22)
Resolution No. 22-16, SRF Funding (05-26-22 Board Meeting)

CERTIFICATION OF ADOPTION

DW434-0012 K-01, Kalaheo Water System Improvements for the Department of Water:

FUNDED BY THE DRINKING WATER STATE REVOLVING FUND (DWSRF); AND AUTHORIZING THE MANAGER AND CHIEF ENGINEER TO REDUCE, REPLACE, ALLOCATE UP TO \$13,000,000.00, THE AMOUNT CURRENTLY ENCUMBERED BY CONTRACT AND PROJECTED FOR FUTURE CONSTRUCTION, PLUS CHANGE ORDER AMENDMENTS IN THE FORM OF LOAN AGREEMENTS BETWEEN THE STATE OF HAWAII (State) AND BOARD OF WATER SUPPLY, COUNTY OF KAUAI (Board)

It is hereby certified that the foregoing resolution was adopted by the Kauai County Board of Water Supply, State of Hawaii, at its meeting held [Insert Date], by the following vote:

APPROVED:	[Insert Names]	Total: X
DISAPPROVED:	[Insert Names]	Total: X
ABSENT:	[Insert Names]	<u>Total: X</u>
TOTAL:		X

CERTIFICATION

The undersigned hereby certifies that the foregoing Resolution is a true and correct copy of Resolution No. 22-XX, adopted at the meeting of the Kauai Board of Water Supply, duly held on the [26th] day of [May 2022].

[Joseph E. Tait]
Manager & Chief Engineer

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DEPARTMENT OF WATER

County of Kaua'i

"Water has no Substitute – Conserve It!"

MANAGER'S REPORT NO. 22-66

May 26, 2022

Re: Discussion and Possible Action for Water Plan 2020 Project No. K-01, Kalaheo Water System Improvements, Kalaheo-Lawai-Omao Water System, Kalaheo, Kaua'i, Hawai'i for Additional Project Funding

RECOMMENDATION:

It is recommended that the Board approve additional funds for the subject project for future awarding and executing new contracts for the project.

FUNDING:

Approved Budget FY21-22

40-21-00-605-029 State Appropriation Grant/Capital Outlay-Expansion/Kalaheo	\$10,200,000.00
60-21-00-604-017 SRF/Capital Outlay – R&R/Kalaheo	\$ 4,500,000.00

Approved Manager's Report 22-58 (Board Meeting - February 24, 2022)

10-21-000-604-029 WU/Capital Outlay – R&R/Kalaheo	<u>\$ 2,040,000.00</u>
Total Approved Funding in FY21-22 Revised Budget =	<u>\$16,740,000.00</u>

Construction Proposal (Hawaiian Dredging Construction Company, Inc.)	\$21,756,430.00
Contingency (approximately 5%)	<u>\$ 1,087,570.00</u>

Construction Management Proposal (Bowers + Kubota Consulting, Inc.)	\$ 1,010,000.00
Contingency (approximately 5%)	<u>\$ 50,000.00</u>
Total Project Funding Required	<u>\$23,904,000.00</u>

Available SRF Loan	\$13,000,000.00
Approved Allocation by FY21-22 Budget	<u>\$ 4,500,000.00</u>
Remaining Balance	\$ 8,500,000.00

Additional Funds Requested

60-21-00-605-029 SRF/Capital Outlay-R&R/Kalaheo	<u>\$ 7,164,000.00</u>
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SRF Loan remaining balance after addn. fund approval	<u>\$ 1,336,000.00</u>
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BACKGROUND:

The Kalaheo Water System Improvements project consists of the construction of One (1) – 0.5 million gallon storage tank, One (1) – 0.1 million gallon storage tank and approximately 11,500 linear feet of ductile iron pipeline (12", 8" and 6"), water meter service connections, fire protection facilities and appurtenances, along with restoration and repaving work, in accordance with the contract document requirements.

These project improvements are required to address the existing aged and undersized storage tanks and pipelines which are nearing the end of its life. The project's replacement storage tanks and pipeline size have been designed to accommodate the domestic and fire protection needs of the area to meet current standards.

Construction bids were opened and reviewed on 5/11/22 as follows:

Earthworks Pacific, Inc.	\$24,169,230.00
Hawaiian Dredging Construction Company, Inc.	\$21,756,430.00
Kiewit Infrastructure West Company	\$31,491,416.00

The Engineer's estimate for the project work was \$21,300,00.00. The project is funded in part by a state appropriation of \$10.2M with a 20% DOW match of \$2.04M and requires encumbrance no later than June 30, 2022. The project was procured via the low bid process and the apparent low bidder's proposal has been reviewed by DOW staff and deemed acceptable.

Professional Services statement of qualifications, pursuant to HRS 103D-304, were evaluated on September 24, 2021. Twenty-seven (27) firms on the qualified list were evaluated and ranked. The top three (3) firms were ranked as follows:

1. Bowers + Kubota Consulting, Inc.
2. SSFM International
3. RM Towill Corporation

The Department selected Bower + Kubota Consulting, Inc. to provide Construction Management Services for the Kalaheo Water System Improvements project. Based on the scope of work and staffing needs for the project, along with the anticipated project duration, an estimate of \$1,010,000.00 will be required with a contingency of \$50,000.00 (approximately 5%) for a total of \$1,060,000.00.

The review of the construction bid and construction management service proposals are considered reasonable for the work to be constructed and managed. The project includes \$10.2M of State grant funds, a DWSRF commitment to loan of up to \$13M with \$3M in principal forgiveness to lessen the financial burden to the rate payers. It is recommended that the Board approve the additional funds to allow the aforementioned project work to be awarded and executed to be able to encumber the State grant funds by the June 30, 2022 deadline and deliver the necessary infrastructure improvement project to its rate payers.

OPTIONS:

Option 1: Approve the additional funds.

Pro: The project contracts can be awarded and allows the possibility of an executed contract by June 30, 2022 to utilize the State grant. In addition the project would utilize low interest DWSRF loan to deliver the necessary infrastructure improvement project to the rate payers.

Con: DWSRF loan commitment with 20 year debt service payment.

Option 2: Not approve additional funds.

Pro: No DWSRF loan commitment and 20 year debt service payment.

Con: The DOW will forfeit the State grant funding of \$10,200,000 due to the time constraints of re-advertising and procuring the project. Construction and project management costs will increase and the necessary infrastructure improvements will not be delivered timely.

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

STAFF

REPORTS

FISCAL REPORT: MONTHLY SUMMARY HIGHLIGHTS – APRIL 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	\$28,005,142		\$19,836,033
· Debt Principal Payment	5,170,095		5,119,727
· Capital Projects	<u>36,606,715</u>		<u>502,594</u>
TOTAL	<u>\$69,781,952</u>		<u>\$25,458,354</u>

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

- Total Revenue as of April 2022 was 27% below projection.
 - Water sales of \$24 million (M) was \$3.1M or 15% higher than projected.
 - Other Water Revenues - Revenues from Fire hydrants of \$1.8M and other receipts of \$103.6 thousand (K) were \$123.6K below projection.
 - Capital Contributions: Contributions from Federal & State Grants – \$672.2K.
 - Investment Income & Net Increase in FV of Investments –\$66.2K.
 - Miscellaneous Revenues - \$34.7K.

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 were \$19.8M. Total spending was \$8.2M lower than budget.
 - Employee Related Expenses –\$9.0M with a 15% positive variance.
 - Contracts & Services – \$3.9M with a 60% positive variance.
 - Professional Services, Other Services – Billing, Communication, Insurance and Repairs and Maintenance for non-water systems are the main items contributing to the 60% positive variance.
 - Fuel & Utilities – \$2.5M with a 1% positive variance.
 - Bulk Water Purchase –\$1.4M with a 11% positive variance.
 - Office & Operating Supplies – \$761.8K with 30% positive variance.
 - Training, Travel & Meeting Expenses – \$58.1K or 61% positive variance.
 - Debt Service – Interest Expense - \$2.2M.
 - Depreciation & Amortization (non-cash expenses) is \$5.9M.

NET OPERATING INCOME:

- Net Operating Income before depreciation and amortization - \$6.8M.
- Net Operating Income after depreciation & amortization was a positive \$932.6K.

NON-OPERATING PROCEEDS & DISBURSEMENTS

- SRF Loan Proceeds – None.
- FRC – Facility Reserve Charge –\$670.1K.
- YTD Debt Principal Payment is \$5.1M.

CAPITAL PROJECTS BUDGET: YTD DISBURSEMENTS = \$502,593.50

- Capital Projects: Water Utility Fund - \$489.8K
- Capital Projects: FRC Fund – (\$4.8K)
- Capital Projects: BAB Fund - \$17.6K
- Capital Projects: SRF Loan Fund - None

II. COMPARATIVE CHARTS:

METERED CONSUMPTION:

- April 2022, monthly metered consumption of 341.5 million gallons (mg) increased by 84.1 mg as compared from the same month of FY 2021.
- Year to Date (YTD) metered consumption as of 4/30/22 was 3,395.7 mg with a YTD cumulative increase of 502.4 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 April 30, 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 update the financial model and provide training to staff.
- MS Great Plains (GP) upgrade – no new update.
- Procurement completed – Financial Accounting Audit Services.
- Procurement of Armored Car Services - completed.
- Planned Procurement: Development of Financial Policies for DOW – will collaborate procurement with Admin.
- Planned Procurement: Budget Program Solution – It will be addressed concurrently with the Financial Policies Development procurement.

MY/

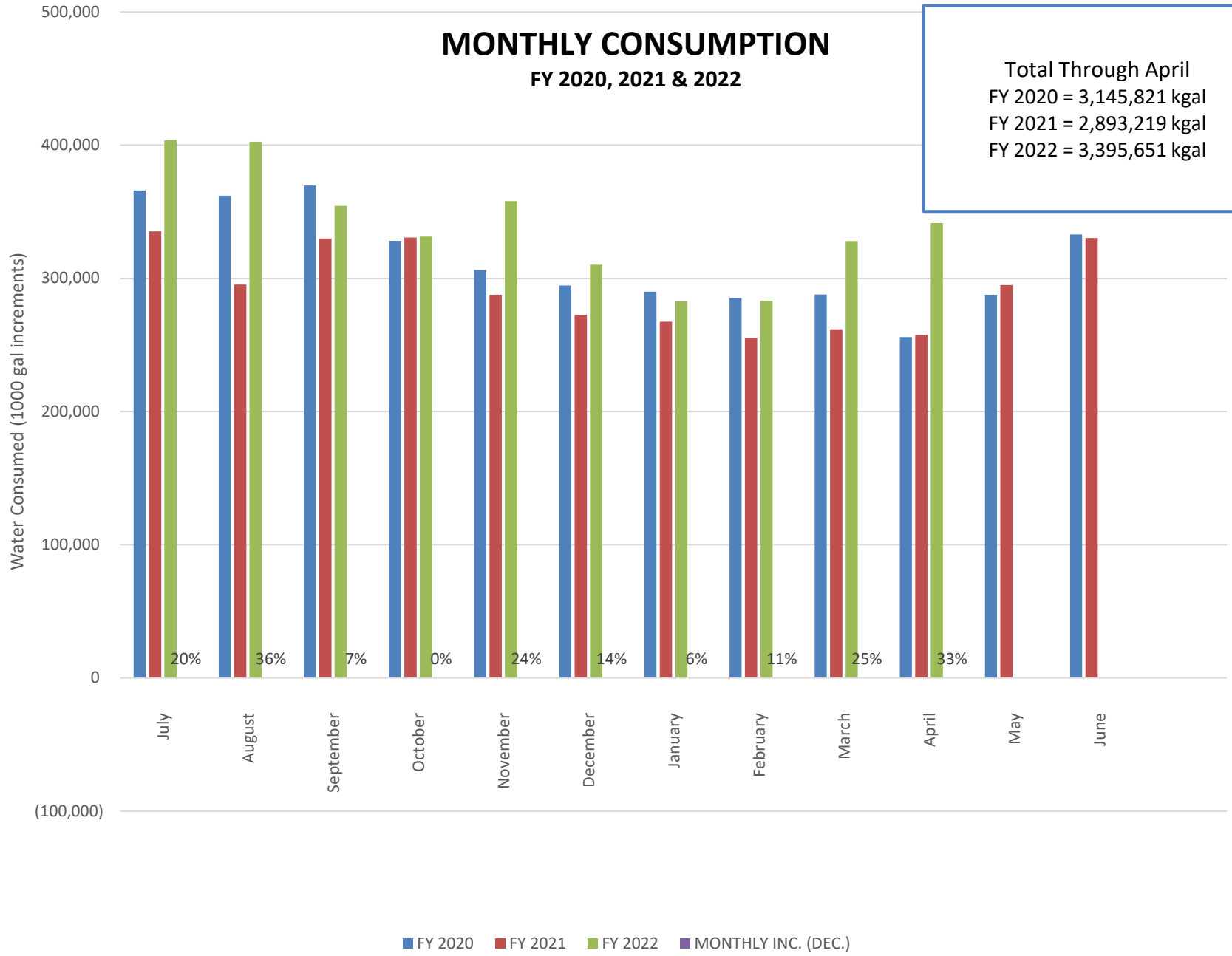


Department of Water, County of Kauai
 Monthly Budget Summary vs. Actual
 As of 4/30/2022

	April				FY 2022			Variance %
	Original Budget	Revised Budget	Actual	Variance	Revised YTD Budget	YTD Actual	*Variance	
I. OPERATING BUDGET								
Revenue								
Water Sales	\$2,085,217.00	\$2,085,217.00	\$2,440,983.08	\$355,766.08	\$20,852,170.00	\$23,935,115.62	\$3,082,945.62	15%
Other Water Revenue Total	206,192.00	206,192.00	203,631.40	(2,560.60)	2,061,920.00	1,938,292.60	(123,627.40)	-6%
Capital Contributions Total	1,348,057.00	1,348,057.00	67,222.04	(1,280,834.96)	13,480,570.00	672,220.40	(12,808,349.60)	-95%
Investment Income Total	19,584.00	19,584.00	(29,485.42)	(49,069.42)	195,840.00	66,159.19	(129,680.81)	-66%
Miscellaneous Revenues Total	709.00	709.00	736.76	27.76	7,090.00	34,738.23	27,648.23	390%
Grand Total	1,574,542.00	1,574,542.00	242,104.78	(1,332,437.22)	15,745,420.00	2,711,410.42	(13,034,009.58)	-83%
Total Revenue	3,659,759.00	3,659,759.00	2,683,087.86	(976,671.14)	36,597,590.00	26,646,526.04	(9,951,063.96)	-27%
Expenses:								
Total Employee-Related Expenses	1,064,602.00	1,064,602.00	888,476.79	176,125.21	10,646,020.00	9,044,361.09	1,601,658.91	15%
Total Contracts & Services	641,941.00	641,941.00	410,454.45	231,486.55	9,764,896.32	3,911,519.51	5,853,376.81	60%
Total Fuel & Utilities	249,500.00	249,500.00	258,984.30	(9,484.30)	2,495,000.00	2,458,362.96	36,637.04	1%
Total Bulk Water Purchase	151,681.00	151,681.00	158,404.81	(6,723.81)	1,518,174.96	1,356,997.64	161,177.32	11%
Total Office & Operating Supplies	82,871.00	82,871.00	46,507.32	36,363.68	1,081,551.50	761,802.49	319,749.01	30%
Total Training, Travel & Meeting Expenses	14,753.00	14,753.00	5,974.18	8,778.82	150,389.68	58,115.93	92,273.75	61%
Total Interest Expense	234,911.00	234,911.00	225,240.62	9,670.38	2,349,110.00	2,244,873.08	104,236.92	4%
Total Operating Expenses	2,440,259.00	2,440,259.00	1,994,042.47	446,216.53	28,005,142.46	19,836,032.70	8,169,109.76	29%
Net Operating Income (Loss) Before Depreciation & Amortization	\$1,219,500.00	\$1,219,500.00	\$689,045.39	(\$530,454.61)	\$8,592,447.54	\$6,810,493.34	(\$1,781,954.20)	-21%
Total Depreciation & Amortization	661,895.00	661,895.00	581,556.69	80,338.31	6,618,950.00	5,877,899.84	741,050.16	11%
Net Operating Income (Loss)	557,605.00	557,605.00	107,488.70	(450,116.30)	1,973,497.54	932,593.50	(1,040,904.04)	-53%
Non Operating Proceeds	1,191,667.00	1,191,667.00	(1,191,667.00)	(1,191,667.00)	11,916,670.00	(11,916,670.00)	(11,916,670.00)	-100%
FRC-Facility Reserve Charge	66,667.00	66,667.00	61,740.00	(4,927.00)	666,670.00	670,095.00	3,425.00	1%
Total Non Operating Proceeds	1,258,334.00	1,258,334.00	61,740.00	(1,196,594.00)	12,583,340.00	670,095.00	(11,913,245.00)	-95%
Transfers Out(In) to Other Funds								
Debt Principal Payment			121,358.97	(121,358.97)	5,170,095.00	5,119,727.21	50,367.79	1%
Net Proceeds (Expenditures)	1,815,939.00	1,815,939.00	47,869.73	(1,768,069.27)	9,386,742.54	(3,517,038.71)	(12,903,781.25)	-137%
Total Encumbered Funds - Capital Budget	1,815,939.00	1,815,939.00	169,228.70	(1,646,710.30)	14,556,837.54	1,602,688.50	(12,954,149.04)	-147%
II. CAPITAL BUDGET								
Capital Projects (See Attached for Details)	2,455,417.00	2,455,417.00	77,268.26	2,378,148.74	36,606,714.98	502,593.51	36,104,121.47	99%
Total Encumbered Funds - Capital Budget							12,290,205.65	

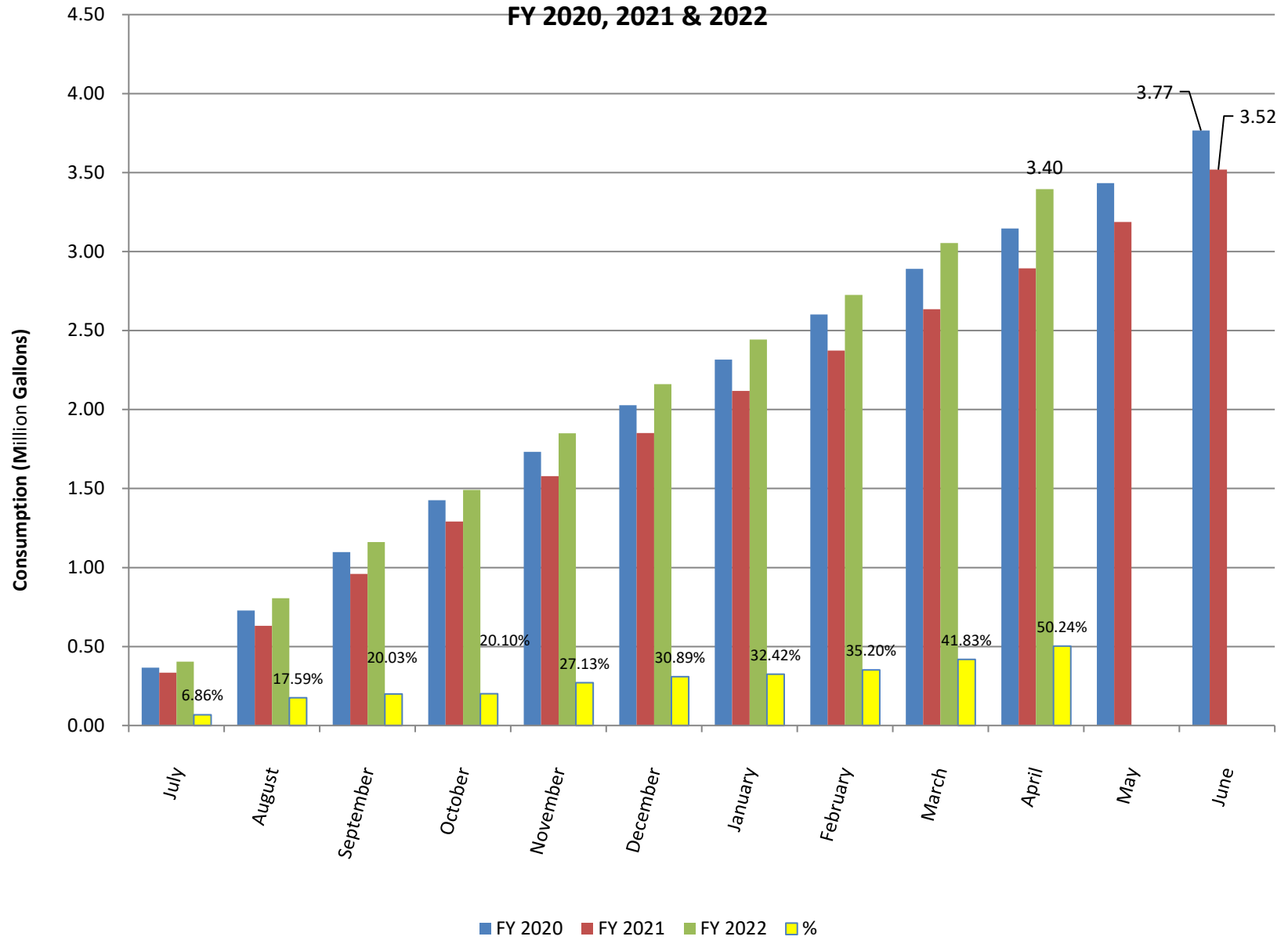
MONTHLY CONSUMPTION FY 2020, 2021 & 2022

Total Through April
 FY 2020 = 3,145,821 kgal
 FY 2021 = 2,893,219 kgal
 FY 2022 = 3,395,651 kgal

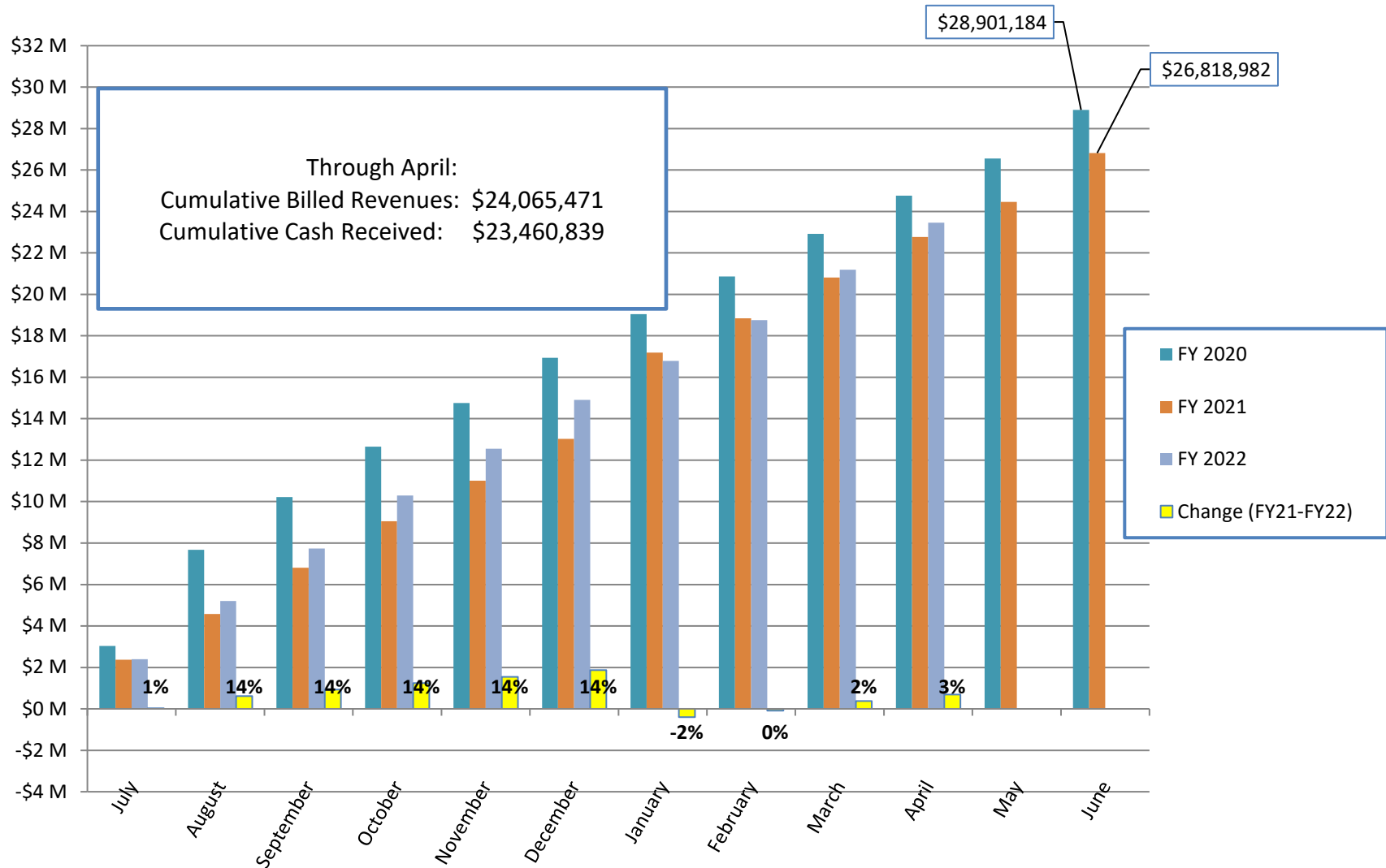


YTD CUMULATIVE WATER CONSUMPTION

FY 2020, 2021 & 2022



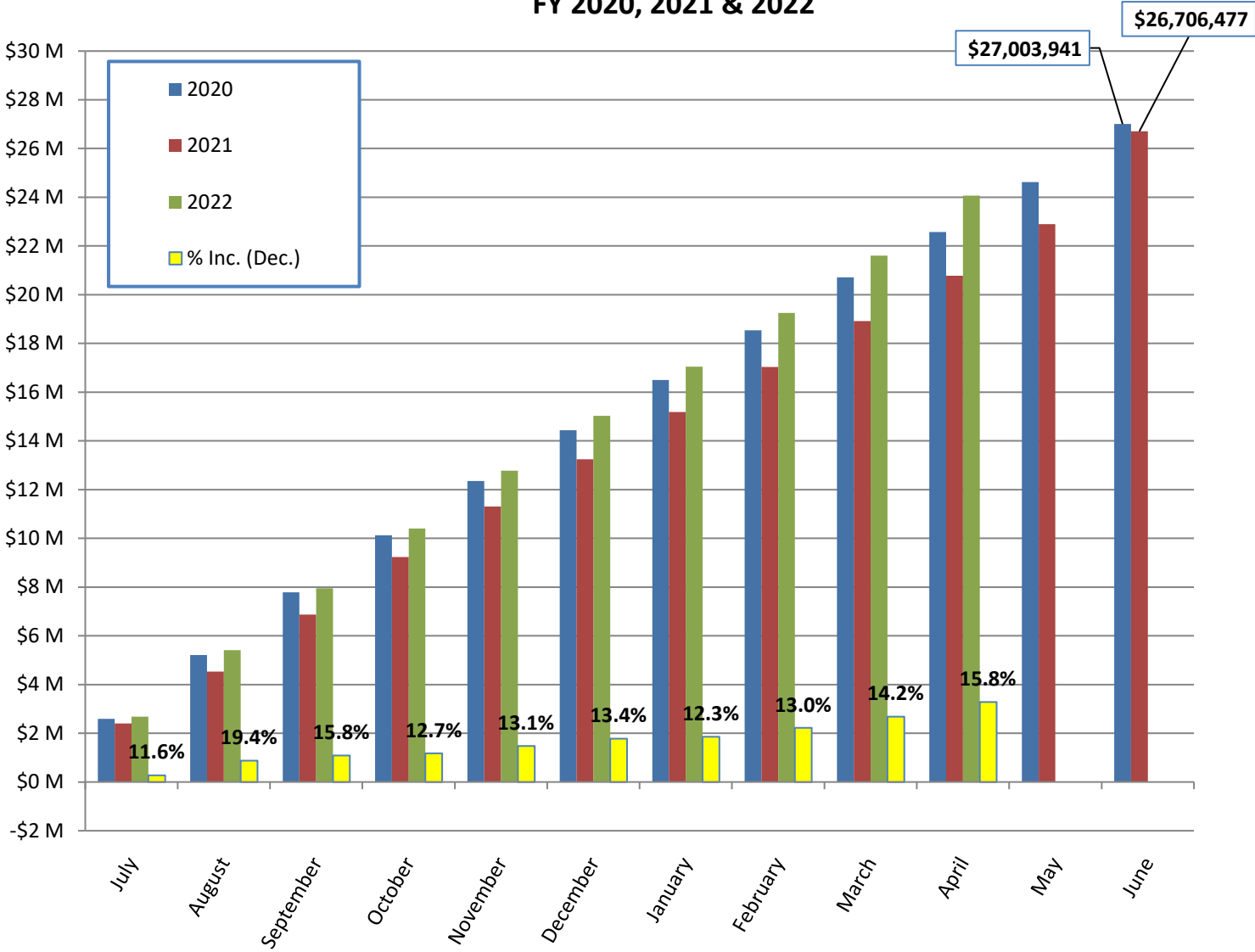
WU CUMULATIVE CASH RECEIPTS FY 2020, 2021 & 2022



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	\$7,798,502.60
Equity interest in pooled investments	6,832,721.54

Receivables:

Accounts, net of allowance for doubtful accounts	1,579,932.72
Due from other funds	
Unbilled accounts	1,600,825.50
Grants and subsidies	988,163.97
Accrued interest	161,209.36
Total receivables	<u>4,330,131.55</u>

Materials and supplies	1,006,099.32
Prepaid expenses	45,231.85
Total current asset	<u>20,012,686.86</u>

Restricted Assets:

Facility reserve charge funds:

Cash	1,995,750.32
Equity interest in pool investments	
Accounts receivable and other	423,498.81
Total facility reserve charge funds	<u>2,419,249.13</u>

Bond funds:

Cash	1,176,627.97
Equity interest in pooled investments	8,304,118.79
Accrued interest	21,213.47
Total bond funds	<u>9,501,960.23</u>

Total restricted assets	<u>11,921,209.36</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	(128,283,586.31)
Total utility plant	<u>221,090,798.59</u>

Construction work in progress	19,466,001.54
Total property, plant and equipment	<u>240,556,800.13</u>

Total assets	<u>308,053,886.05</u>
---------------------	------------------------------

Deferred Outflow of Resources - Deferred Refunding Costs, net	7,891,582.76
Total assets and deferred outflows	<u>315,945,468.81</u>

*Allowance for doubtful accounts

Liabilities and Net Position

Current Liabilities:

Accounts payable and accrued liabilities	1,441,550.53
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	210,348.39
Customer deposits and advances	509,551.23
Current portion of long term debt	5,170,094.58
Current portion of capital lease obligation	

Total current liabilities 8,520,179.13

Long-Term Debt	51,713,904.43
Capital Lease Obligation	
OPEB & Retirement Benefits	29,072,506.84
Accrued Vacation and Compensatory Pay	1,061,073.85
Deferred Inflow of Assets	3,349,684.00

Total liabilities and deferred inflows: 93,717,348.25

Net Position:

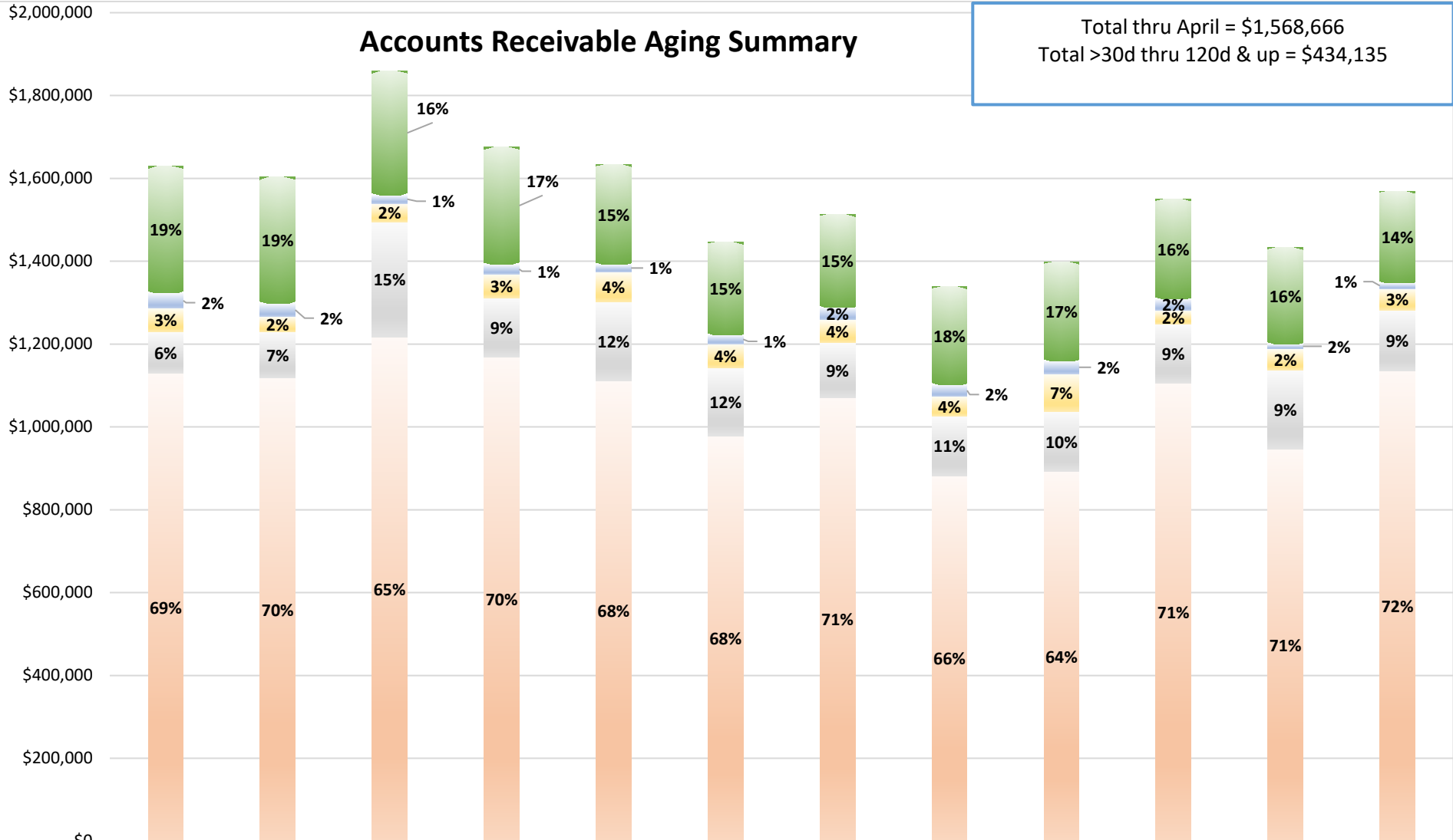
Water Utility Reserves	9,000,000.00
Restricted FRC	2,411,398.37
Restricted Build American Bonds	9,394,927.56
Invested in Capital Assets Net of Related Debt	183,577,264.80
Unrestricted	17,844,529.83

Total net position 222,228,120.56

Total liabilities, deferred inflows and net position: 315,945,468.81

Accounts Receivable Aging Summary

Total thru April = \$1,568,666
 Total >30d thru 120d & up = \$434,135



	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22
121 days and over	\$305,635	\$304,593	\$299,428	\$282,882	\$240,783	\$223,428	\$224,064	\$235,516	\$238,389	\$241,358	\$232,210	\$220,795
91-120 days	\$36,974	\$31,973	\$20,378	\$23,726	\$18,305	\$21,463	\$30,065	\$29,192	\$31,305	\$27,490	\$12,167	\$14,142
61-90 days	\$56,984	\$36,744	\$44,461	\$57,021	\$73,096	\$59,044	\$55,620	\$47,341	\$90,933	\$33,108	\$51,517	\$51,435
31-60 days	\$99,573	\$111,658	\$278,491	\$142,845	\$189,626	\$163,726	\$132,167	\$144,413	\$145,059	\$142,017	\$190,304	\$147,763
0-30 days	\$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	\$1,134,531

DEPARTMENT OF WATER

County of Kaua'i

"Water has no Substitute – Conserve it!"

INFORMATION & EDUCATION SPECIALIST REPORT

May 26, 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>
04/27/2022	KAPA'A - A portion of Kuamo'o Road between Opaeka'a Road and Pa'ako Street and includes Iliki Street, Hie Street, Molo Street, Alahele Street, Lihau Street, Kuhoho Street, Aleo Street and Pa'ako Street	Emergency water service shutdown on portion of Kuamo'o Road in Wailua	April 27 th from 2 p.m. to 6 p.m.	Blackboard CTY

Other media:

- The Department of Water (DOW) was featured in the article, "Fashion is not the signal" in the Garden Island Newspaper on April 27, 2022, for staff's participation in honoring national Denim Day on Kaua'i (*Attached*).

Public Relations Program

Community Outreach & Education

- The Department's "Wise Water Wednesday" campaign for the month of May includes customer reminders on how to report a leak, automatic bill payment services, national drinking water week and encourages customers to serve tap water instead of bottled water. The weekly media campaign is featured on the Department's Facebook page, in radio advertisements and is published as a banner ad in the Garden Island Newspaper.
- The Department conducted a water education presentation for 27 middle school students at Hawaii Technology Academy on April 27th. The presentation educated students on water quality, DOW services and demonstrated importance of water resources management and drinking water standards through two Project WET activities. Students and participating teachers received goody bags containing shower timers, lanyards, pens, water bottles, Project WET activity booklets and hand sanitizers. A total of 30 bags were distributed.
- The Department participated in National Drinking Water Week through a week-long social media and radio campaign bringing awareness to the importance of safe, clean drinking water.

Upcoming Community Outreach & Educational Events

- Project WET Educator Workshop in Kailua-Kona – May 25, 2022
- Make a Splash with Project WET Festival – September 22, 2022

Project WET Hawaii

- Jonell Kaohelauii drafted and submitted a quarterly update for Project WET Hawaii as part of a region 1 report to Project WET USA.
- Make a Splash Festival planning is underway with preliminary feedback received from teachers requesting the continuance of the annual water education festival in the fall. Jonell is seeking vendors and community volunteers to host this year's festival. The festival date has been set for Thursday, September 22, 2022.

Miscellaneous

- Department employees participated in National Denim Day on April 27th by wearing denim jeans as part of a county-wide participation and awareness of sexual assault awareness month.
- Department employees hosted a Spring Food & Funds Drive to collect donations for the Kauai Independent Food Bank from March 21 to April 14. Employees exceeded their goal of \$1,000 and donated \$1,050 and approximately 150lbs of food.

Attachments: *KauaiNowNews* (Overnight water shutdown scheduled in Kapa'a)
 GardenIsland (Water shutdown set for Kapa'a soon)
 KauaiNewsNow (Mainline break forces road closures in Wailua)
 GardenIsland (Fashion is not the signal)

Published on 04-17-2022 on www.kauainownews.com

Direct link: <https://kauainownews.com/2022/04/17/overnight-water-shutdown-scheduled-in-kapaa/>

Kauai News

Overnight Water Shutdown Scheduled in Kapa'a

Posted April 17, 2022, 10:30 AM HST · Updated April 14, 5:34 PM

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Water line replacement work will require water service to be shut off for customers next week in portions of Kapa'a.

The county Department of Water announced an overnight water service shutdown to allow contractor, Grace Pacific LLC, to conduct the work. Water service will be turned off from 9 p.m.-5 a.m. April 21-22 to a portion of Hau'a'ala Road, from Moa Road to Keapana Road, including Makamaka Street, Keapana Road, Mailihuna Road, Silva Road, Kolohala Road and a portion of Kawaihau Road between Hau'a'ala Road and Nunu Road, weather permitting.



Additionally, customers located on Pelehu Road, Nunu Road, Iwaena Road, I'iwi Road, Mimiilo Road, Iwaena Loop and a portion of Kawaihau Road, from Nunu Road to Iwaena Road, can expect low water pressure during the shutdown.

Customers located within the affected area are advised to prepare by taking the following steps:

- Store water to meet their needs until service can be restored.
- Notify neighbors, family and friends about the shutdown.
- Those with faulty water heaters should ensure their water heaters do not empty during the shutdown.
- Monitor water service updates [online](#).

“Road work and intermittent lane closures may also be in place to create a safe work zone in the area,” said a news release. “Motorists are advised to adhere to traffic signs and flagger personnel.”

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

Water shutdown set in Kapa'a soon

KAPA'A — The county Department of Water announced an overnight water service shutdown in parts of Kapa'a to allow Grace Pacific to conduct waterline replacement work, from 9 p.m. Thursday, April 21 to 5 a.m. Friday, April 22, weather permitting.

Water service will be turned off to a portion of 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.

Additionally, customers located on Pelehu Road, Nunu Road, Iwaena Road, I'wi Road, Mimilo Road, Iwaena Loop and a portion of Kawaihau Road from Nunu Road to Iwaena Road can expect low water pressure during the service shutdown.

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

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

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

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

For more information, call the DOW, 808-245-5461.

•••

The Garden Island

Kauai News

Mainline Break Forces Road Closures in Wailua

Posted April 27, 2022, 1:15 PM HST

11
Shares

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✉ Email



An emergency water service shutdown is scheduled this afternoon in Wailua for urgent repairs to a mainline break.

A portion of Kuamoʻo Road between Opaekaʻa Road and Paʻako Street will be closed, including Iliki Street, Hie Street, Molo Street, Alahele Street, Lihau Street, Kuhoho Street, Aleo Street and Paʻako Street.

Roads will close at 2 p.m. Water service will be turned off for approximately four hours as crews conduct repairs.

Additionally, intermittent lane closures will be in place on Kuamoʻo Road to create a safe work zone to conduct repairs. Motorists are advised to adhere to flagger personnel and signage when driving through the area.

To prepare for the shutdown, customers are advised to take the following steps:

- Store water to meet your needs until water service can be restored.
- Notify neighbors, family and friends of the service shutdown.
- Those with faulty water heaters should ensure their water heaters do not empty during the shutdown.
- Monitor water service announcements online at www.facebook.com/KauaiDOW.

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

Fashion is not the signal



DENNIS FUJIMOTO/THE GARDEN ISLAND

Members of the Zonta Club of Kaua'i are joined by members of the Kaua'i County Council, Gov. David Ige's Kaua'i liaison Carrice Gardner, and Mayor Derek S.K. Kawakami, Wednesday during the presentation of proclamations taking a stand against sexual violence at the Mo'ikeha Building.

Denim Day highlights April being Sexual Assault Awareness Month

Dennis Fujimoto
THE GARDEN ISLAND

LIHUE — Former mayor and current Kaua'i County Council member Bernard Carvalho Jr. said fashion should not be a signal for unwelcome actions.

Carvalho joined with other members of the council, Gov. David Ige's

Kaua'i liaison Carrice Caspillo-Gardner, and Kaua'i Mayor Derek S.K. Kawakami in demonstrating the government's posture against sexual violence against women on Denim Day.

"Denim Day, this year designated as April 27, is an important component of April being observed as Sexual Assault Awareness Month," said

Edie Ignaci Neumiller of the Zonta Club of Kaua'i. "Denim Day is a call to action for all people to come together by wearing denim as a visible sign of protest against sexual violence. The Zonta Club of Kaua'i encourages community members, elected officials, state, local, and county employees, businesses, survivors, organizations, and students

to make a social statement with their fashion on Apr. 27 as a visible means of protest against misconceptions that surround sexual assault on Denim Day."

Neumiller dug into her smartphone for photos of groups garbed in denim, the most common form

SEE DENIM, A5

Denim

Continued from A1

being jeans, including the Kaua'i Visitors Bureau office staff, and the Department of Water who was meeting on their own.

"For the past 23 years, Peace Over Violence has run an inspiring and powerful opportunity to practice solidarity and support survivors by renewing its commitment to exposing harmful behaviors and attitudes surrounding sexual violence," the Kaua'i County Council said in its Certificate celebrating Denim Day. "Denim Day is the longest-running sexual violence prevention and education campaign in history, and the Kaua'i County Council proudly stands with the Zonta Club of Kaua'i in recognizing April 2022 as Sexual Assault Awareness Month, and Denim Day."

Gov. Ige, in his proclamation to the Zonta Club of Kaua'i, said International Denim Day has been observed since April 1999 as a symbol of protest in response to a ruling by the Italian Supreme Court that found a victim's choice



DENNIS FUJIMOTO/THE GARDEN ISLAND

The Kaua'i Department of Water shows off its Denim Day crew that have been observing the international protest against sexual violence for the past six years.

of clothing implied consent.

Denim Day was originally triggered by a ruling from the Italian Supreme Court where a rape conviction was overturned because the justices felt that since the victim was wearing tight jeans, she must have helped her rapist remove her jeans, thereby implying consent.

Women of the Italian Parliament protested the decision by wearing jeans to work as a visual protest, states the mayoral proclamation.

•••

Dennis Fujimoto, staff writer and photographer, can be reached at 245-0453 or dfujimoto@thegardenisland.com.

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	22	2
Feb-22	35	184	45	2	361	175	43	14	1
Mar-22	30	225	24	2	182	180	35	19	1
Apr-22	28	196	42	3	191	180	29	58	3
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	169	13		1
Aug-21	27	220	99	3	187	184	18		6
Sep-21	19	193	106	1	180	180	39		1
Oct-21	32	198	23	0	146	144	25		1
Nov-21	28	189	13	0	126	125	47	12	4
Dec-21	27	193	15	1	131	120	24	18	0 *

Operations Contract Dashboard

Open for Bid				
Type	Contract Number	Job Number	Title	Contractor/Vendor

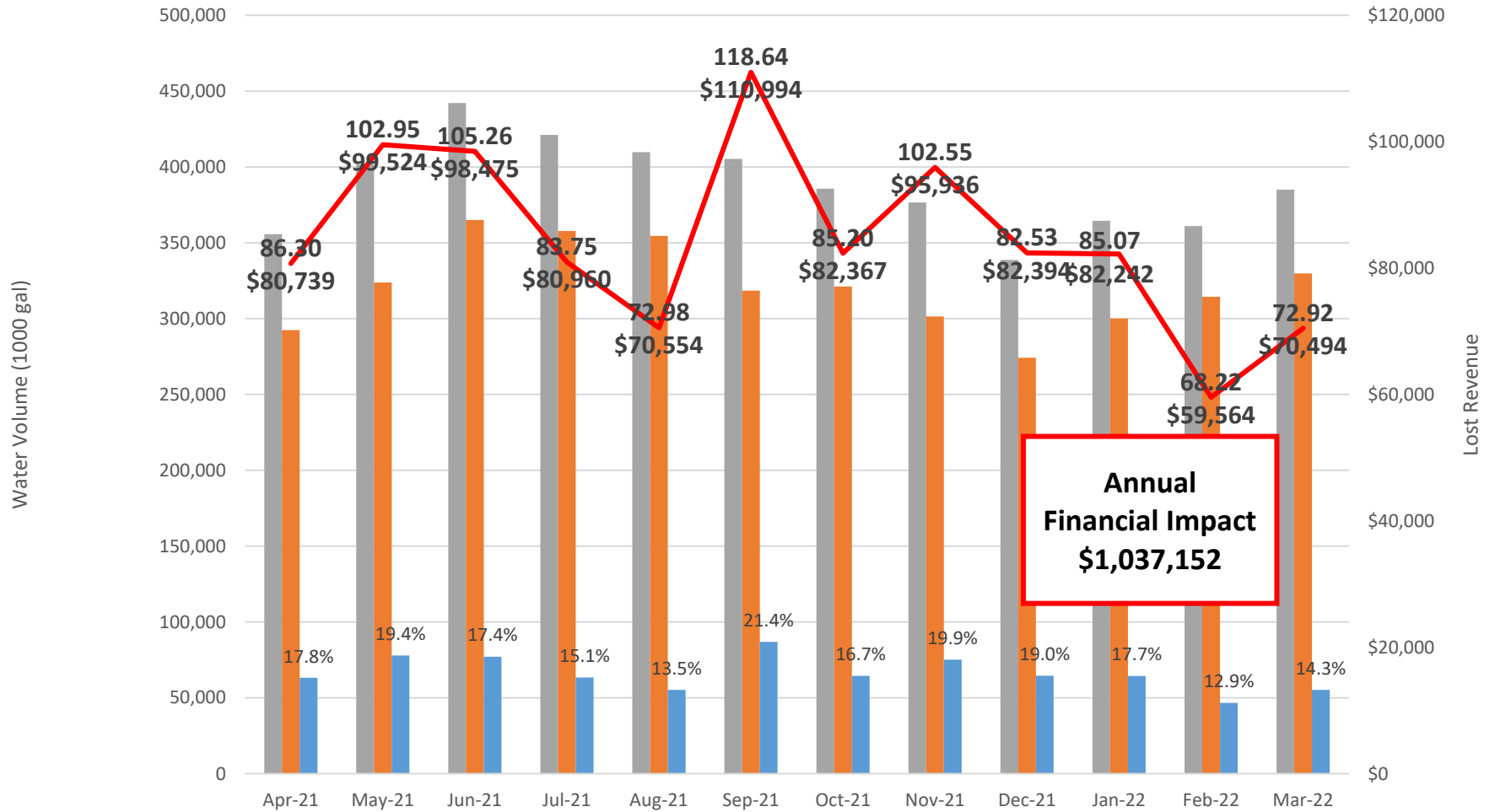
Awaiting Board Approval				
Type	Contract Number	Job Number	Title	Contractor

Processing/Notice to Proceed				
Type	Contract Number	Job Number	Title	Contractor
Goods		GS-2022-05	Furnishing and Delivery of Hydrants & Various Drinking Water Pipe Repair and Maintenance Fittings	Mutual Plumbing Supply Co., Inc.

Highlights

1. Estimated non-revenue water due to flushing and reported leaks for the month of April is 3,002,113 gallons
 2. Kilohana on-site sodium hypochlorite housing structure design contract pending quote from prospective design consultant
 3. Initial meeting with Fuel Master contractor
- * Numbers in red font denote updated counts. As work orders are closed, total closed will change until all work orders for that month are closed.

Monthly Water Audit April 2021 - March 2022



	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22
Produced	355,704	401,828	442,170	421,226	409,825	405,337	385,707	376,586	338,739	364,525	361,076	385,067
Customer Meter Read	292,478	323,892	365,056	357,828	354,575	318,419	321,207	301,460	274,217	300,122	314,433	329,864
Waterloss	63,226	77,936	77,114	63,398	55,250	86,918	64,500	75,126	64,522	64,403	46,643	55,203
Waterloss	\$80,739	\$99,524	\$98,475	\$80,960	\$70,554	\$110,994	\$82,367	\$95,936	\$82,394	\$82,242	\$59,564	\$70,494

DEPARTMENT OF WATER

County of Kaua'i

“Water has no Substitute – Conserve It!”

MANAGER’S UPDATE

May 26, 2022

Pursuant to Board Policy No. 3

CONTRACTS AWARDED/EXTENSION/AMENDMENTS:

1. FIRST AMENDMENT TO CONTRACT NO. 690 WITH BOWERS+KUBOTA CONSULTING, INC. AS NEEDED CONSTRUCTION MANAGEMENT – CONTINUING SERVICES FOR WATER PLAN 2020 PROJECTS (2020-2022), KAUAI, HAWAII

FUNDING:

Account No.	10-21-10-540-010			
Acct Description	WU/Const/Admin/Professional Services-General			
Funds Available	Verified by WWC		PO # 04461	\$ N/A
Contract No.	690			
Vendor	Bowers+Kubota Consulting, Inc.			
	Contract Amount (NTE)	\$	700,000.00	
	5% Contingency	\$	N/A	
	Total Funds Certified To Date	\$	700,000.00	
Amendment:				
	Contract Time Extension of 180 days	\$	0.00	
	Total Amendment	\$	0.00	
	Contract Amount To Date	\$	700,000.00	
	Fund Balance			\$ N/A

BACKGROUND:

Contract NTP Date: March 2, 2020 |
 Original Contract End Date: March 1, 2022; Stop Work Order Issued 00/00/22 |
 New Contract End Date: 180 days from contract resumption |

The Department of Water entered into contract with Bowers+Kubota for As Needed Construction Management Services, to supplement the construction management operations at the DOW until an adequate amount of staff is hired. Project Assignment Order No. 1 is for CM Services for our upcoming project at Kīlauea Wells. The project just recently got awarded and is ready to move forward.

2. PROFESSIONAL SERVICES 2022-PROF-1, CONTRACT AWARD TO BOWERS+KUBOTA CONSULTING, INC. CONSTRUCTION MANAGEMENT SERVICES FOR KALĀHEO WATER SYSTEM IMPROVEMENTS, KALĀHEO, KAUAI, HAWAII

FUNDING:

Account No.	10-21-10-604-029			
Acct Description	Capital Outlay- R&R/Kalaheo/MOF			3,260,221.00
Funds Available	<i>Verified by WWC</i>		\$	1,060,000.00
Contract No.	725			
Vendor	Bowers+Kubota Consulting, Inc.			
	Contract Amount	\$	1,010,000.00	
	5% Contingency	\$	50,000.00	
	Total Funds Certified	\$	1,060,000.00	
Fund Balance			\$	2,200,221.00

BACKGROUND:

The Kalaheo Water System Improvements project consists of the construction of One (1) – 0.5 million gallon storage tank, One (1) – 0.1 million gallon storage tank and approximately 11,500 linear feet of ductile iron pipeline (12”, 8” and 6”), water meter service connections, fire protection facilities and appurtenances, along with restoration and repaving work, in accordance with the contract document requirements.

These project improvements are required to address the existing aged and undersized storage tanks and pipelines which are nearing the end of its life. The project’s replacement storage tanks and pipeline size have been designed to accommodate the domestic and fire protection needs of the area to meet current standards.

Professional Services statement of qualifications, pursuant to HRS 103D-304, were evaluated on September 24, 2021. Twenty-seven (27) firms on the qualified list were evaluated and ranked. The top three (3) firms were ranked as follows:

1. Bowers + Kubota Consulting, Inc.
2. SSFM International
3. RM Towill Corporation

The Department selected Bower + Kubota Consulting, Inc. to provide Construction Management Services for the Kalaheo Water System Improvements project. Based on the scope of work and staffing needs for the project, along with the anticipated project duration, an estimate of \$1,010,000.00 will be required with a contingency of \$50,000.00 (approximately 5%) for a total of \$1,060,000.00. The proposal has been reviewed by DOW staff and is deemed acceptable.

3. CONSTRUCTION CONTRACT AWARD TO HAWAIIAN DREDGING CONSTRUCTION COMPANY, INC. JOB NO. 09-01, WP2020 #K-01, K-12, KALĀHEO WATER SYSTEM IMPROVEMENTS; PACKAGE A-0.5 MG YAMADA RESERVOIR; PACKAGE B-0.1 MG CLEARWELL RESERVOIR; PACKAGE C-WATER MAIN INSTALLATION; KALĀHEO, KAUA'I, HAWAII

FUNDING:

Account No.	40-21-00-605-029			
Acct Description	State Appropriation Grant/Capital Outlay-Expansion/Kalaheo			
Funds Available	<i>Verified by WWC and per Manager's Reports No.</i>			\$ 10,200,000.00
Contract No.	726			
Vendor	Hawaiian Dredging Construction Company, Inc.			
	Contract Amount	\$	21,756,430.00	
	5% Contingency	\$	1,087,570.00	
	Total Funds Certified	\$	22,844,000.00	
Fund Balance				\$

BACKGROUND:

The Kalaheo Water System Improvements project consists of the construction of One (1) – 0.5 million gallon storage tank, One (1) – 0.1 million gallon storage tank and approximately 11,500 linear feet of ductile iron pipeline (12”, 8” and 6”), water meter service connections, fire protection facilities and appurtenances, along with restoration and repaving work, in accordance with the contract document requirements.

These project improvements are required to address the existing aged and undersized storage tanks and pipelines which are nearing the end of its life. The project’s replacement storage tanks and pipeline size have been designed to accommodate the domestic and fire protection needs of the area to meet current standards.

Construction bids were opened and reviewed on 5/11/22 as follows:

Earthworks Pacific, Inc. \$24,169,230.00
Hawaiian Dredging Construction Company, Inc. \$21,756,430.00
Kiewit Infrastructure West Company \$31,491,416.00

The Engineer’s estimate for the project work was \$21,300,00.00. The project is funded in part by a state appropriation of \$10.2M with a 20% DOW match of \$2.04M and requires encumbrance no later than June 30, 2022. The project was procured via the low bid process and the apparent low bidder’s proposal has been reviewed by DOW staff and deemed acceptable.

4. PROFESSIONAL SERVICES 2022-PROF-1, CONTRACT AWARD TO AS NEEDED CONSTRUCTION MANAGEMENT SERVICES DEPARTMENT OF WATER, COUNTY OF KAUAI

FUNDING:

Account No.	10-21-10-540-010			
Acct Description	WU-CM-Adm-Professional Services-General			
Funds Available	<i>Verified by WWC</i>		\$	1,000,000.00
Contract No.				
Vendor	RM Towill Corporation			
	Contract Amount	\$	1,000,000.00	
	5% Contingency	\$	N/A	
	Total Funds Certified	\$	1,000,000.00	
Fund Balance			\$	0

BACKGROUND

This project will provide construction management and construction support services on an as-needed basis to supplement and support the Engineering Division with its project implementation program. The Review and Selection committee conducted evaluations pursuant to HRS 103D-304 and their recommendation was approved by the Manager and Chief Engineer to negotiate with RM Towill Corporation. RM Towill Corporation’s proposed rates were reviewed and deemed acceptable.

5. PROFESSIONAL SERVICES 2022-PROF-1, CONTRACT AWARD TO AS NEEDED ENVIRONMENTAL SERVICES DEPARTMENT OF WATER, COUNTY OF KAUAI

FUNDING:

Account No.	10-20-10-540-010;			
Acct Description	WU-CM-Adm-Professional Services-General			
Funds Available	<i>Verified by WWC</i>		\$	245,000.00
Contract No.				
Vendor	RM Towill Corporation			
	Contract Amount	\$	245,000.00	
	5% Contingency	\$	N/A	
	Total Funds Certified	\$	245,000.00	
Fund Balance			\$	0

BACKGROUND:

This project will provide environmental management and support services on an as-needed basis to supplement and support the Engineering Division with its project implementation program. The Review and Selection committee conducted evaluations pursuant to HRS 103D-304 and their recommendation was approved by the Manager and Chief Engineer to negotiate with RM Towill Corporation. RM Towill Corporation's proposed rates were reviewed and deemed acceptable.

.Pursuant to Board Policy No. 24

CONVEYANCE OF WATER FACILITIES

None

PERSONNEL MATTERS

Please reference following pie chart attachment.

Attachment: Personnel Matters Chart

Mgrrp/Manager's Update (May 26, 2022):mja

% Vacancy Within Each Division Level

