

**BOARD OF WATER SUPPLY
KA 'OIHANA WAI
CITY AND COUNTY OF HONOLULU**

630 SOUTH BERETANIA STREET • HONOLULU, HAWAII 96843
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KAPUA SPROAT, Vice Chair
BRYAN P. ANDAYA
JONATHAN KANESHIRO
EDWIN H. SNIFFEN, Ex-Officio
GENE C. ALBANO, P.E., Ex-Officio

April 30, 2024

NOTICE

The Board of Water Supply, City and County of Honolulu, Budget Workshop will be held on Monday, May 6, 2024, at 2:00 p.m. in the Boardroom, Public Service Building, 630 South Beretania Street, Honolulu, HI 96843.

Limited seating will be available for in-person testifiers in the Boardroom. The public may also view the livestream of the meeting from the lobby of the Board of Water Supply, Public Service Building, 630 S. Beretania St., Honolulu, HI 96843.

TESTIMONY

Testimony may be submitted as follows:

- **Written testimony** should include the submitter's address, email address, and phone number. Testimony should be received by Monday, May 6, 2024, at noon. Submit written testimony by:
 - Email to board@hbws.org
 - Online at boardofwatersupply.com/testimony
 - Mail to Board of Water Supply, 630 S. Beretania St., Honolulu, HI 96843
 - Fax to (808) 748-5079
- **Oral testimony** will be accepted remotely and in person during the meeting. Pre-registration is encouraged to facilitate as much remote and in-person testimony as reasonably possible during the time allotted. Testifiers should also consider submitting a written version of their oral testimony.

- To testify remotely by phone or video using the Zoom videoconferencing platform, please submit your request by:
 - Email to board@hbws.org
 - Online at boardofwatersupply.com/testimony
- To testify in person at the Board of Water Supply, Public Service Building, 630 S. Beretania St., Honolulu, HI 96843, please pre-register by submitting your request by Monday, May 6, 2024:
 - Email to board@hbws.org
 - Online at boardofwatersupply.com/testimony

In-person testifiers should check in with building security and then with testimony staff located in the lobby. Testifiers will be escorted to and from the Board Room. On-site registration will be available for walk-in requests. **Please note that parking at the Board of Water Supply will be limited. Metered street parking may be available offsite or at the Frank F. Fasi Municipal Building Civic Center.**

Testimony is limited to two (2) minutes and shall be presented by the registered speaker only. Testimony submitted in writing or orally, electronically or in person, for use in the meeting process is public information. All testimony will be included as part of the approved meeting minutes at boardofwatersupply.com/boardmeetings.

MATERIALS AVAILABLE FOR INSPECTION

Meeting materials (“board packet” under HRS §92-7.5) are accessible at www.boardofwatersupply.com/boardmeetings.

VIEWING THE MEETING

The meeting will be viewable via live streaming on the BWS website: www.boardofwatersupply.com/live. Video will appear on screen. You may have to click the arrow on video to start it. You may have to unmute audio as muted audio tends to be the default setting.

SPECIAL REQUESTS AND ACCOMMODATIONS

If you require special assistance, an auxiliary aid or service, and/or an accommodation due to a disability to participate in this meeting (i.e., sign language interpreter, interpreter for language other than English, or wheelchair accessibility), please call Joy at (808) 748-5172 or email your request to board@hbws.org **at least three business days prior to the meeting date**. If a response is received after the requested three business days before the meeting date deadline, we will try to obtain the auxiliary aid/service or accommodation, but we cannot guarantee that the request will be filled.

Upon request, this notice is available in alternate formats such as large print, Braille, or electronic copy.

The agenda for the May 6, 2024, Budget Workshop of the Board of Water Supply is as follows:

ITEMS FOR INFORMATION

1. Workshop Meeting on the Proposed Fiscal Year 2024-2025 Operating and Capital Improvement Program Budget

MINUTES

To watch the recording of this meeting, please click on the following link:
<https://vimeo.com/bwshonolulu/may-6-2024>. Closed captioning is available.

THE REGULAR MEETING OF THE BOARD OF WATER SUPPLY

May 6, 2024

At 2:00 PM on May 6, 2024, in the Public Service Building Board Room at 630 South Beretania Street, Honolulu, Hawai'i, Board Chair Nā'ālehu Anthony called to order the Budget Workshop.

Present: Nā'ālehu Anthony, Chair
Kapua Sproat, Vice Chair via Zoom
Bryan P. Andaya, Board Member via Zoom
Jonathan Kaneshiro, Board Member
Edwin H. Sniffen, Ex-Officio via Zoom
Gene C. Albano, Ex-Officio via Zoom

Also Present: Ernest Lau, Manager and Chief Engineer
Erwin Kawata, Deputy Manager
Patrick Chun, Acting Program Administrator,
Capital Projects Division
Jennifer Elflein, Program Administrator,
Customer Care Division via Vimeo
Kathleen Elliott-Pahinui, Information Officer,
Communications Office
Raelynn Nakabayashi, Executive Assistant I,
Executive Support Office
Jason Nikaido, Program Administrator,
Field Operations Division
Kaliko Lum Kee, Assistant Waterworks Controller,
Finance Division
Michele Thomas, Executive Assistant I,
Human Resources Office via Zoom
Henderson Nuuhiwa, Program Administrator,
Information Technology Division
Michael Matsuo, Land Administrator, Land Division
Roland Fenstemacher,
Acting Program Administrator,
Water Quality Division
Barry Usagawa, Program Administrator,
Water Resources Division
Marc Chun, Assistant Program Administrator,
Water Resources Division
Kevin Ihu, Program Administrator,
Water System Operations Division

Kathy Mitchell, Administrative Services Officer
via Vimeo

Kimberly Kuwaye, Manager Secretary

Joy Cruz-Achiu, Board Secretary

Stella Bernardo, Information Specialist II,
Communications Office via Zoom

Michele Harman, Community Relations Specialist I,
Communications Office via Zoom

Wayne Maria, Information Specialist II,
Communications Office

Others Present:

Jeff Lau, Deputy Corporation Counsel
via Zoom

Jessica Wong, Deputy Corporation Counsel
via Zoom

Chair Nā'ālehu Anthony opened the Board meeting with an 'olelo no'eau:

Aloha mai kākou e nā hoa makamaka mai ka lā hiki a ka lā kau. Welina nui me ke aloha! Aloha from the rising to the setting sun.

Chair Anthony welcomed everyone to the May 6, 2024, Budget Workshop of the Board of Water Supply (BWS). He stated that the Board of Water Supply is dedicated to providing safe, dependable, and affordable supply of water now and into the future.

Before continuing the meeting, Chair Anthony stated that a recording would be played to share reminders for public participation and the virtual meeting regulations required by law.

The recording played: Goals for this meeting under Hawai'i Revised Statutes, Section 92-7.5 are accessible at www.boardofwatersupply.com/boardmeeting. The public may attend this meeting in person at the Public Service building located at 630 South Beretania Street. The public may also view a live stream of today's meeting on our website at www.boardofwatersupply.com/live. We have been accepting written or oral testimony for today's meeting. Instructions and an online submittal form are available at boardofwatersupply.com/testimony. The deadline to submit advance written testimony has passed. Testimony received by noon today has been distributed to the board members. We will continue to accept written testimony today through our online form. Oral testimony in person or remotely will be accepted during today's meeting. To facilitate as much in-person and remote testimony as reasonably possible during the time allotted, preregistration and submittal of a written version of testimony at boardofwatersupply.com/testimony is strongly encouraged. To testify in person, please register using our online form or come to the public service building at 630 South Beretania Street. We have a representative in the lobby to provide intake and further instructions. To request to testify remotely, please complete the online form at boardofwatersupply.com/testimony. Requestors will receive an email containing links and instructions to join the Zoom session. Testifiers will have two minutes to state their position. A timekeeper will alert testifiers when there is one minute remaining. Once the two minutes are up, please summarize to allow time for questions from the Board. Then, make room for the next testifier. Board members attending any board meeting remotely must be visible to the public to be considered, present, and meet quorum guidelines. Board members participating remotely must also disclose their location and anyone present at their location during roll call. Meeting participants who are calling or video conferencing in, please mute your microphone when you're not speaking. If you have a question, comment, or wish to enter or second a motion on an action item, please unmute your microphone and identify yourself before continuing to speak. If you encounter technical issues during today's meeting, please use the Zoom chat to send a direct message to our support team. Their names are listed in the message to all participants. To open the chat window, please click the text Bubble icon on the Zoom Toolbar.

Chair Anthony requested a roll call for the Regular Meeting. He asked those participating remotely to give the appropriate disclosures up responding.

Vice Chair Kapua Sproat joined via Zoom, responded aye, and disclosed that she was alone at her location; Board Member Bryan Andaya joined via Zoom, responded aye, and disclosed that he was alone at his location; Board Member Gene Albano via Zoom responded aye, and disclosed that he was alone at his location; Board Member Edwin Sniffen via Zoom, responded aye, and disclosed that he was alone at his location; and Board Member Jonathan Kaneshiro

responded aye, and was present in the Boardroom. Chair Anthony was present in the Boardroom.

Chair Anthony introduced those in the Boardroom, Manager Ernest Lau, Deputy Manager Erwin Kawata, Board Secretary Joy L. Cruz-Achiu, Manager Secretary Kimberly Kuwaye, and Information Specialist II Wayne Maria. Deputy Jeff Lau and Deputy Jessica Wong joined via Zoom from the City and County Corporation Counsel.

ITEM FOR INFORMATION NO. 1

Chair Nā'ālehu Anthony recognized Ms. Raelynn Nakabayashi, Executive Office Assistant I, Executive Support Office, and Mr. Patrick Chun, Acting Program Administrator, Capital Projects Division.

Ms. Raelynn Nakabayashi began the presentation by stating that the BWS Operating Budget for Fiscal Year (FY) 2025 is proposed at \$272,619,998, or 12.8% increase over the prior year, and the Capital Improvement Program (CIP) Budget is proposed at \$310,291,000 or 38.58% increase over the prior year.

	FY 2024 – Adopted	FY 2025 – Proposed	\$ Change	% Change
Operating Budget	\$241,683,964	\$272,619,998	\$30,936,034	12.80%
Capital Improvement Program Budget	\$223,911,976	\$310,291,000	\$86,379,024	38.58%
Total	\$465,595,940	\$582,910,998	\$117,315,058	25.20%

Ms. Nakabayashi stated that the increase in the Operating Budget of 12.8% reflected expenditures catching up to where they need to be after holding budgets flat before the Board adopted the rate increases, which became effective in February 2024. The Fiscal Year 2025 Operating Budget increase of 12.8% seems large but reflects the increased inflationary pressures the BWS currently faces.

Ms. Nakabayashi stated that the 38.58% increase in the CIP Budget is partially due to projects totaling \$51.25 million (M), which were deferred in Fiscal Year 2024. While some delays were due to factors outside of its control, the BWS is strategically deferring some projects so that it can seek State Revolving Funds (SRF) or SRF Loans with the potential for loan forgiveness.

Ms. Nakabayashi shared that the proposed Operating Fund Budget is based on total operating fund resources of \$365.2 million (M), a combination of the beginning fund balance, anticipated revenues, and prior year lapses and adjustments. Despite increased inflationary pressures and the Red Hill crisis, the BWS is dedicated to maintaining safe and reliable water service. The Fiscal Year 2025 budget reflects a strategic use of the Operating Fund at a time when borrowing is more expensive. The result is a projected fund balance or carryover into the future of \$24.1M.

OPERATING FUND RESOURCES AND EXPENDITURES (MILLIONS OF DOLLARS)

	FY 2023	FY 2024	FY 2025
	Actual	Estimated Actual	Budget
Beginning Balance	\$63.4	\$63.7	\$66.0
Revenues	\$253.2	\$267.1	\$299.2
Lapses/ Adjustments	\$7.1	-	-
Total Resources	\$323.7	\$330.8	\$365.2
Operating Expenditures	\$219.5	\$229.6	\$272.6
Capital Improvement Program	\$40.5	\$35.2	\$68.5
Total Expenditures	\$260.0	\$264.8	\$341.1
Ending Balance	\$63.7	\$66.0	\$24.1



Ms. Nakabayashi continued by sharing the highlights and changes in the Operating and CIP budgets from previous fiscal years, which consisted of the proposed operating fund expenditures increasing by 12.8% and anticipated revenue increases of 13.7%.

OPERATING FUND REVENUE & EXPENDITURE SUMMARY (MILLIONS OF DOLLARS)

	FY 2024	FY 2025	Change	
	Adopted	Proposed	\$ Mil.	%
Revenues	\$263.1	\$299.2	\$36.1	13.7%
Total Operating Expenditures	\$241.7	\$272.6	\$30.9	12.8%



Ms. Nakabayashi also shared the chart below, which indicates the different CIP project categories and how each project category is funded.

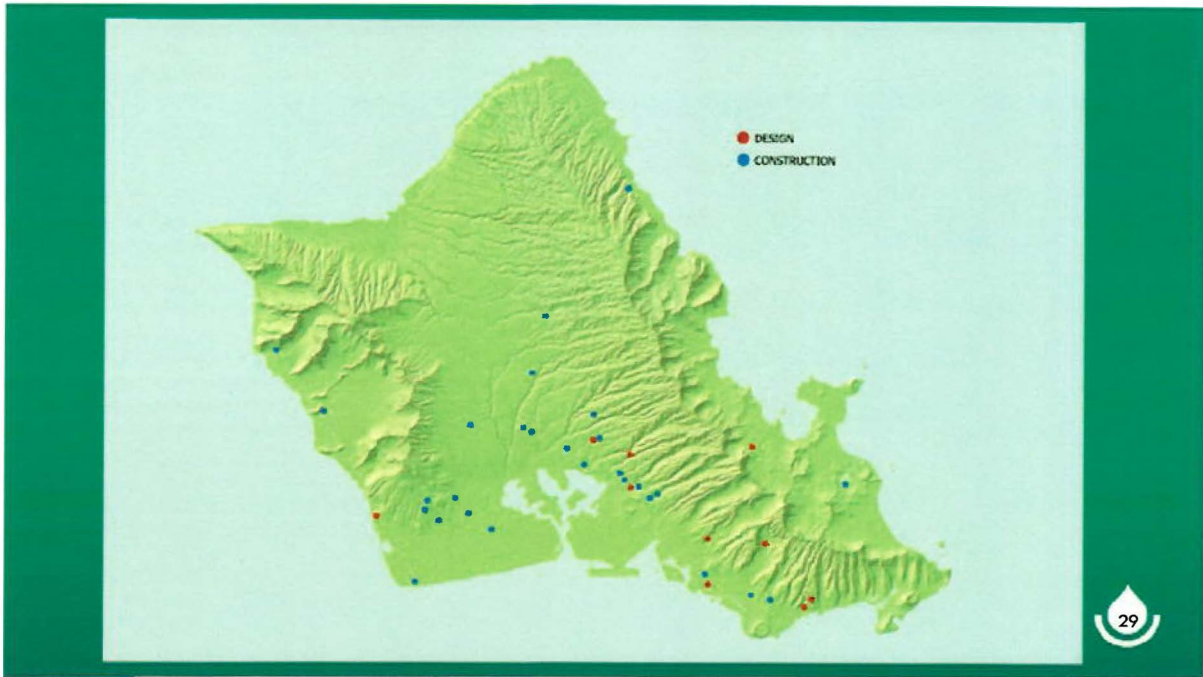
CAPITAL IMPROVEMENT PROGRAM BUDGET FY 2025 IN MILLIONS OF DOLLARS								
	Categories	Operating Fund	State Revolving Fund	Special Expendable Fund	Improvement Fund	Extramural Fund	Water Infrastructure Finance and Innovation Act	Total
I.	Research & Development	10.000	4.900	0.500	8.000	1.000	-	24.400
II.	Renewal & Replacement	43.200	64.226	-	25.500	-	-	132.926
III.	Capacity Expansion	0.275	35.100	6.260	5.750	19.000	49.700	116.085
	Subtotal	53.475	104.226	6.760	39.250	20.000	49.700	273.411
	Construction Cost Index	3.635	6.750	-	3.925	-	4.970	19.280
	Contract Adjustment	11.350	0.800	0.350	5.100	-	-	17.600
	Total	68.460	111.776	7.110	48.275	20.000	54.670	310.291

Ms. Nakabayashi stated that although the Fiscal Year 2025 CIP Budget is the largest proposed to date, it reflects the need to invest in the growth of the BWS infrastructure while remaining conscious of the cost to ratepayers and taking advantage of various federal funding and loans.

Ms. Nakabayashi introduced Mr. Patrick Chun, Acting Program Administrator of the Capital Projects Division, to share more details on the CIP Budget.

Mr. Patrick Chun began by stating that the annual CIP ensures that the BWS achieves its vision and mission, "Water for Life." Providing safe, dependable, and affordable water now and into the future. The Capital Projects Division compiles the annual program and includes projects from all divisions and staff offices. The proposed CIP supports the Department's vision and mission and is aligned to meet the goals and objectives of each Division to support the Water Master Plan (WMP), the BWS Strategic Plan, and the six-year long-range CIP. The CIP carefully balances the water system's needs by providing safe, reliable water service with cost-effective management of assets and funding.

Mr. Chun stated that the BWS water system requires constant replacement and upgrade work to maintain the water system. The map below provides the locations of new design and construction projects for Fiscal Year 2025.



Mr. Chun shared that the CIP comprises three project categories: Research and Development, Renewal and Replacement, and Capacity Expansion. The budgeted amounts for each category: Research and Development \$24.4M, Renewal and Replacement \$132.9M, and Capacity Expansion \$ 116.1M.

In conclusion, Ms. Nakabayashi presented the Fiscal Year 2025 Operating and CIP Budget Summary.

FY 2025 BUDGET SUMMARY

	Operating Fund	State Revolving Fund	Special Expendable Fund	Improvement Fund	Extramural Fund	Water Infrastructure Finance and Innovation Act	Total
Operating Budget	272,619,998						272,619,998
Capital Improvement Program Budget	68,460,000	111,776,000	7,110,000	48,275,000	20,000,000	54,670,000	310,291,000
Total - All Funds	341,079,998	111,776,000	7,110,000	48,275,000	20,000,000	54,670,000	582,910,998

Ms. Nakabayashi stated that the BWS will remain focused on its vision, “Ka Wai Ola.” To ensure safe water, the BWS will continue to comply with all drinking water regulations, including the new rules related to per- and polyfluorakyl substances (PFAS), lead, and copper, and work to ensure that the Red Hill crisis does not impact the BWS through continued testing and monitoring. To ensure dependable water, the BWS will continue updating its WMP, which will

help guide the implementation of high-priority projects. To provide affordable water, the BWS will maintain strong financial management practices, exercise fiscal prudence, and seek federal and state government funding where available.

Board Member Bryan Andaya thanked the BWS for an excellent presentation. He is happy that the BWS Human Resources Office (HRO) budget included investing in existing employees and new recruitments. He asked if the budget includes continuing education and professional development that may help retain employees.

Ms. Nakabayashi responded that each division's budget includes licensure and certification that must be maintained for specific job classes. The BWS continues to support staff conference travel when appropriate, membership for digital resources, and webinar subscription with AWWA to maintain continuing education unit (CEU) credits. However, the BWS works to exercise fiscal responsibility in making careful decisions around travel for conferences.

Ms. Michele Thomas, Executive Assistant I, Human Resources Office, added that the BWS HRO continues to look into various alternative ways to train individuals in their current position or cross-train in other areas, allowing staff to perform in other areas and building a resilient workforce.

Manager Ernest Lau shared that during COVID, the BWS limited travel for technical conferences but has since relaxed the limitations while being judicious.

Board Member Andaya agreed with Manager Lau that travel should be for professional development and to continue education.

Board Member Andaya stated that the BWS tightened its budget a few years ago, and the BWS trimmed it by a percentage. He asked if, in Fiscal Year 2025, the BWS has since restored its budget.

Ms. Nakabayashi explained that as the BWS waited for a rate increase to be adopted, it was constrained to keep its budget flat in fiscal year 2023 and fiscal year 2024. In Fiscal Year 2025, the budget increased by 12.8% to allow the BWS to catch up on expenditures that had to be cut from the budget in prior years.

Board Member Jonathan Kaneshiro was pleased to hear that the rate increase helped accommodate increased costs and investments. He referred to the draft budget book and inquired if the 2024 adopted budget and the 2024 ending balance of nearly \$15M reflect the interim rate increase the BWS implemented in February.

Ms. Nakabayashi referred to page Summary-1 of the Fiscal Year 2025 Draft Budget. She explained that the Fiscal Year 2024 budget was presented to the Board at the same time last year, May 2023, and attempted to project increased revenues mid-way through Fiscal Year 2024; however, the timing and amount of the rate increase had not yet been determined at the time the budget was presented. Ms. Nakabayashi explained that preparing for the next fiscal year's budget begins in advance, so the presented Ending Balance is a projection only. Therefore, when she started the process, she projected revenues for Fiscal Year 2024 to increase by 6%, not knowing that the rate increase of 10% would ultimately be implemented on February 1, 2024.

**Board of Water Supply
Total Budget
Fiscal Year 2025**

Department Summary			
Resources and Expenditures	FY2023 Actual	FY2024 Adopted Budget	FY2025 Proposed Budget
Beginning Balance	63,363,360	29,838,777	66,000,625
Revenues	254,079,399	263,060,000	299,200,000
Lapses/Adjustments	7,103,191	0	0
Total Resources	324,545,950	292,898,777	365,200,625
Operating Expenditures	218,027,914	241,683,964	272,619,998
Capital Program	40,455,235	36,276,000	68,460,000
Total Expenditures	258,483,149	277,959,964	341,079,998
Ending Balance	66,062,801	14,938,813	24,120,627

Ms. Nakabayashi shared while crafting the budget that the prior year's carryover is not firm or solid since the next fiscal year's budget is being prepared while the preceding year is in progress. As an example, she referred back to page Summary-1 and pointed out that the Fiscal Year 2024 Adopted Budget assumed a nearly \$30M Beginning Balance, but at the end of Fiscal Year 2023, the ending balance was \$66M. Preparing the next fiscal year's budget involves making estimates and projecting and predicting what the BWS expects to achieve.

Still referring to page Summary-1 above, Board Member Kaneshiro stated that the proposed Fiscal Year 2025 CIP Budget's beginning balance is a sizable amount. He asked what the BWS has done in preparation for accomplishing and meeting its CIP goals regarding staffing and permitting.

Ms. Nakabayashi responded that while the CIP as proposed is substantially larger, the deferred projects, totaling \$51.25M, are ready to bid and will likely post in the first or second quarter of Fiscal Year 2025. The deferral of some projects to Fiscal Year 2025 helps with execution as it allows the BWS to spread the advertisement and award of CIP projects over the entire year rather than the usual rush at the end of the year to advertise and award.

Manager Lau added that the BWS is waiting on the execution of the federal funding agreement and is hoping to have projects out for bid in the first or second quarter of Fiscal Year 2025.

Ms. Nakabayashi explained that the BWS only has 12 months to execute on its CIP; this means while the BWS completes design in the early part of the fiscal year, projects are only ready for bidding in the fourth quarter. She shared that it would benefit the BWS if projects could be deferred to Fiscal Year 2025 while she checks to see if they would be eligible for an SRF loan. Then, once funding can be confirmed, these projects can be bid on right away during the first half of the fiscal year.

Manager Lau stated that the BWS strategically delayed projects to leverage federal funds.

Manager Lau commented that if the \$51.25M in deferred CIP were deducted from the Proposed Fiscal Year 2025 CIP Budget of \$310M, the Fiscal Year 2025 would be closer to the Fiscal Year 2024 CIP.

Board Member Kaneshiro asked if the BWS is comfortable with the proposed budget, which includes the rate increase with the new rate schedule.

Manager Lau said he is comfortable with the Proposed Fiscal Year 2025 Budget. He stated that rather than selling bonds with higher interest rates, the additional rate revenue is being used to pay cash for projects, which helps reduce the BWS's long-term Debt Service and the need for additional bonds.

Ms. Nakabayashi referred to page CIP-9 of the Draft Proposed Fiscal Year 2025 Budget book. She shared that one of the largest projects in the Proposed Fiscal Year 2025 CIP Budget is the Kalaeloa Sea Water Desalination Facility at \$68.7M and its management services of \$4.9M. She indicated that while the Fiscal Year 2025 CIP appears large in total, it does contain projects like this one that are not new but are in progress and funded over multiple years.

**Board of Water Supply
Capital Improvement Program
FY 2025**

		Operating Fund	State Revolving Fund	Special Expendable Fund	Improvement Funds	Extramural Fund	Water Infrastructure Finance and Innovation Act	Total
E. Facilities								
52. Kalaeloa Sea Water Desalination Facility	Design-Build-Operate-Maintain (DBOM) contract for a 1.7 MGD desalination facility with limited oversizing for future expansion. Install 16-inch transmission main along the project boundary from desalination facility to Ōla'i Street, along Ōla'i Street from end to Kalaeloa Boulevard, along Kalaeloa Boulevard from Ōla'i Street to the existing 16-inch main near the Northern end of TMK 9-1-031-022- approx. 4,800 ln. ft.	CONST	-	-	-	19,000,000	49,700,000	68,700,000
53. Kalaeloa Sea Water Desalination Facility	Project Management Services to monitor DBOM progress, plan review and RFI response.	P&E	-	4,860,000	-	-	-	4,860,000
Facilities Total		-	-	4,860,000	-	19,000,000	49,700,000	73,560,000
Total Category III - Capacity Expansion		275,000	35,100,000	6,268,000	5,750,000	19,000,000	49,700,000	116,085,000
Total Categories I - III		53,475,000	104,226,000	6,768,000	39,250,000	20,000,000	49,700,000	273,411,000
Construction Cost Index Adjustment		3,635,000	6,750,000	-	3,925,000	-	4,970,000	19,280,000
Contract Adjustment Account		11,350,000	800,000	350,000	5,100,000	-	-	17,600,000
FY25 Capital Improvement Program Total		<u>58,460,000</u>	<u>111,776,000</u>	<u>7,118,000</u>	<u>48,275,000</u>	<u>20,000,000</u>	<u>54,670,000</u>	<u>310,291,000</u>

Manager Lau reassured Board Member Kaneshiro that he understood his concerns regarding staffing and the number of engineering vacancies at the BWS. He shared that the City is currently negotiating with the Unions to increase the pay for engineers, which will help retain and attract more engineers.

Chair Anthony commented that labor is another constraint, not just getting funding.

Ms. Nakabayashi agreed that the BWS's ability to deliver on projects highly depends on the available staffing resources, not just our financial resources.

Chair Anthony inquired if the BWS will be obligated to pay staff the COVID Hazard Pay.

Ms. Nakabayashi stated that the BWS is subject to the same Civil Service Rules and the same Collective Bargaining Agreement as the BWS is part of the City and County of Honolulu jurisdiction. The final decision from the arbitration or settlement will apply to all City agencies, including the BWS, and must be abided by.

Chair Anthony echoed Board Member Andaya and Manager Lau's comments regarding the 38% of employees eligible to retire. He commented that it is paramount that their knowledge be shared so that younger staff can learn and continue the flow of information.

Ms. Nakabayashi shared that the Water Resources (WR) Division is doing a great job creating internship programs. The BWS currently has a summer "Watership" internship program, where WR reaches out to college students in various programs of study who may be interested in learning and exposing them to the BWS and the different opportunities available. She also mentioned that the BWS has worked with high schools, such as the Academy of Engineering Program at Waipahu High School, and participates in as many job fairs as possible.

Manager Lau shared that Mr. Nakabayashi has also had three interns from the Po'okela Internship Program.

Ms. Nakabayashi agreed that internal mentorship is also an excellent way for those aspiring to move up in leadership. She shared that training programs are tailored to employees who may not currently supervise but want to learn and progress to the next step.

Chair Anthony expressed his appreciation for the staff's thoroughness in preparing the budget. He is encouraged to see how BWS accesses the various federal funding and how it is utilized to maintain the BWS water system. Chair Anthony commented on the CIP and encouraged the continuance of seeking federal funding to assist with reaching the BWS's goal of replacing 21 miles of pipeline each year.

Manager Lau expressed his gratitude to Ms. Nakabayashi and her Executive Support Office (ESO) team for seeking all federal funding opportunities.

Ms. Nakabayashi stated it is a learning process as the BWS transitions to congressionally directed spending and builds relationships with the congressional offices. She acknowledged the BWS Divisions for looking into the different project requirements and working within the available funding stream.

At 2:55 PM, Board Member Edwin Sniffen left the Board meeting and disconnected from Zoom.

Manager Lau also thanked the BWS team for their willingness to take extra steps to take advantage of the many federal funding opportunities attached with additional requirements.

Vice Chair Sproat mahaloed Ms. Nakabayashi and her team for preparing the budget. She shared that she had seen many BWS budgets and is impressed with how much federal funding the BWS brought in and how it is used to its advantage by deferring CIP and reducing the carryover year over year. Vice Chair Sproat thanked the BWS.

Chair Anthony commented that this Budget Workshop is set up to prepare for the next Board meeting to approve the Proposed Fiscal Year 2025 Budget.

Ms. Nakabayashi announced that the Public Hearing on the Proposed Fiscal Year 2025 Budget is scheduled for Tuesday, May 28, 2024, at 2 PM before the BWS Regular Board meeting. She requested the Board's support and consideration in taking action on the resolution to appropriate the Fiscal Year 2025 Budget on May 28, 2024.

Board Member Kaneshiro inquired about the increase in the Professional Services line item for the ESO and Water Quality (WQ) Division, citing the increase in attorney fees as an example.

Ms. Nakabayashi referred to page OP-2 of the Draft Proposed Fiscal Year Budget Book. She stated that the Risk Management Office oversees the BWS Risk Management Office functions, which contain costs for legal services and expertise, such as for Red Hill. This cost can vary each year depending on the issues that must be addressed.

**Board of Water Supply
Operating Budget
Fiscal Year 2025**

ESO - Executive Support Office

Division/Office's Activity

The Executive Support Office is responsible for the development of the annual departmental operating budget; ensures that procurement of all goods and services and construction are in compliance with Hawaii Revised Statutes (HRS)103D; and, administers the department's safety, risk management, and security programs.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	977,722	1,310,700	1,304,200	1,258,200	(48,000)
4120 - Overtime	106,150	57,000	124,000	60,000	(64,000)
4130 - Miscellaneous (Payroll)	6,123	0	0	0	0
Personnel Services	1,089,995	1,367,700	1,428,200	1,318,200	(110,000)
4160 - Meals; Mileage & Uniform Allowances	6,158	1,000	1,000	1,000	0
4250 - Other Contractual Services	3,043,695	3,227,850	3,385,650	3,778,730	393,080
4251 - Software Licenses and Maintenance	29,400	35,000	35,000	35,000	0
4265 - Printing	1,424	600	300	300	0
4270 - Professional Services	1,400,901	1,490,000	6,270,000	4,270,000	(2,000,000)
4430 - Miscellaneous Supplies	45,684	10,000	20,000	20,250	250
4460 - Other Materials & Supplies	231	0	0	0	0
4480 - Postage	32	0	0	0	0
4500 - Education and Training	59,913	14,675	40,335	65,835	25,500
4720 - Conference Travel & Expenses	400	500	500	40,500	40,000
4815 - Repair & Maint - Equipment	3,064	0	0	60,000	60,000
4910 - Miscellaneous Fees & Registration	2,151	3,350	3,350	3,350	0
5700 - Insurance	1,259,017	1,242,772	1,391,253	2,000,000	608,747
6340 - Workers Compensation Benefits	765,468	1,270,000	1,270,000	1,270,000	0
6350 - Claims for Pers Injuries & Prop Damage	1,070,958	1,250,000	1,250,000	1,250,000	0
8050 - Equipment (under \$5,000)	1,160	0	0	0	0
Materials, Supplies and Services	7,689,656	8,545,747	13,667,388	12,794,965	(872,423)
Total ESO - Executive Support Office	8,779,651	9,913,447	15,095,588	14,113,165	(982,423)

Ms. Nakabayashi also referred to page OP-10 of the Draft Proposed Fiscal Year Budget Book. She explained that the Water Quality Division line item 4250 Other Contractual Services budget

has increased to almost \$1.44M over the previous fiscal year because of the need for more regulatory compliance and Red Hill testing. Line item 4270 Professional Services has been reduced to reflect that the BWS awarding a multi-year contract for environmental compliance and maintenance services in Fiscal Year 2024, eliminating the need to budget this service in Fiscal Year 2025.

**Board of Water Supply
Operating Budget
Fiscal Year 2025**

WQ - Water Quality

Division/Office's Activity

The Water Quality Division ensures the department's compliance with all Federal and State drinking water regulations and environmental laws, rules and regulations, and manages special water quality studies.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	1,368,877	1,919,900	1,888,700	1,948,000	59,300
4120 - Overtime	167,439	200,000	150,000	240,000	90,000
4130 - Miscellaneous (Payroll)	14,377	0	0	42,000	42,000
Personnel Services	1,550,693	2,119,900	2,038,700	2,230,000	191,300
4160 - Meals, Mileage & Uniform Allowances	18,755	13,510	10,010	22,700	12,690
4250 - Other Contractual Services	1,517,241	940,800	1,197,800	2,642,400	1,444,600
4270 - Professional Services	10,584,741	12,191,000	3,435,000	1,975,000	(1,460,000)
4430 - Miscellaneous Supplies	294	2,500	2,500	3,800	1,300
4460 - Other Materials & Supplies	152,351	257,000	261,000	345,000	84,000
4500 - Education and Training	1,924	11,150	7,250	9,850	2,600
4720 - Conference Travel & Expenses	2,000	4,175	3,700	3,800	100
4815 - Repair & Maint - Equipment	25,893	39,250	28,000	25,000	(3,000)
4910 - Miscellaneous Fees & Registration	11,984	38,000	31,700	36,800	5,100
8050 - Equipment (under \$5,000)	74,247	1,000	18,150	43,050	24,900
Materials, Supplies and Services	12,389,431	13,498,385	4,995,110	5,107,400	112,290
1270 - General Plant & Equip (over \$5,000)	19,873	24,000	45,000	376,000	331,000
Equipment	19,873	24,000	45,000	376,000	331,000
Total WQ - Water Quality	13,959,997	15,642,285	7,078,810	7,713,400	634,590

Ms. Nakabayashi stated that the ESO and WQ Division professional service budgets can vary yearly, depending on the type of consultant services needed.

Board Member Kaneshiro is pleased that the BWS is in a healthy position and that the rate increase will allow the BWS to invest back into the agency.

Manager Lau thanked the Board for their support; without it, the BWS may not have the revenue to accomplish the work the department conducts to serve the community.

Chair Anthony stated hard work shows in the AAA ratings and expressed his appreciation.

Ms. Nakayashi thanked the Board for their support.



FY 2025 BUDGET WORKSHOP

Raelynn Nakabayashi & Patrick Chun, P.E.
May 6, 2024

boardofwatersupply.com

FY 2025 OPERATING BUDGET AND CAPITAL IMPROVEMENT PROGRAM BUDGET

RAELYNN NAKABAYASHI, EXECUTIVE SUPPORT OFFICE

MAY 6, 2024




WWW.BOARDOFWATERSUPPLY.COM



FY 2025 BUDGET SUMMARY

	FY 2024 – Adopted	FY 2025 – Proposed	\$ Change	% Change
Operating Budget	\$241,683,964	\$272,619,998	\$30,936,034	12.80%
Capital Improvement Program Budget	\$223,911,976	\$310,291,000	\$86,379,024	38.58%
Total	\$465,595,940	\$582,910,998	\$117,315,058	25.20%

OF THE \$86.4M INCREASE IN CIP, \$51.25M ARE FY 2024 PROJECTS DEFERRED TO FY 2025...

	FY 2025 (Reprogrammed)
 Mililani Wells I GAC Valve Replacement	3,000,000
Mākaha Shaft Tunnel Rehabilitation	7,500,000
Ma'akua Wells Unit No. 2	5,750,000
 East Kapolei 215 R-1 3.0 MG Reservoir	20,000,000
 Kualaka'i Parkway 16-Inch Recycled Water Main	15,000,000
	\$51,250,000

President Biden signed the Bipartisan Infrastructure Law (BIL) on November 15, 2021...It included \$50 billion to the U.S. Environmental Protection Agency (EPA) to strengthen the nation's drinking water and wastewater systems...**The majority of water infrastructure dollars will flow through the Clean Water and Drinking Water State Revolving Funds (SRFs).**

OPERATING & CIP BUDGETS FY 2021 – FY 2025

(MILLIONS OF DOLLARS)



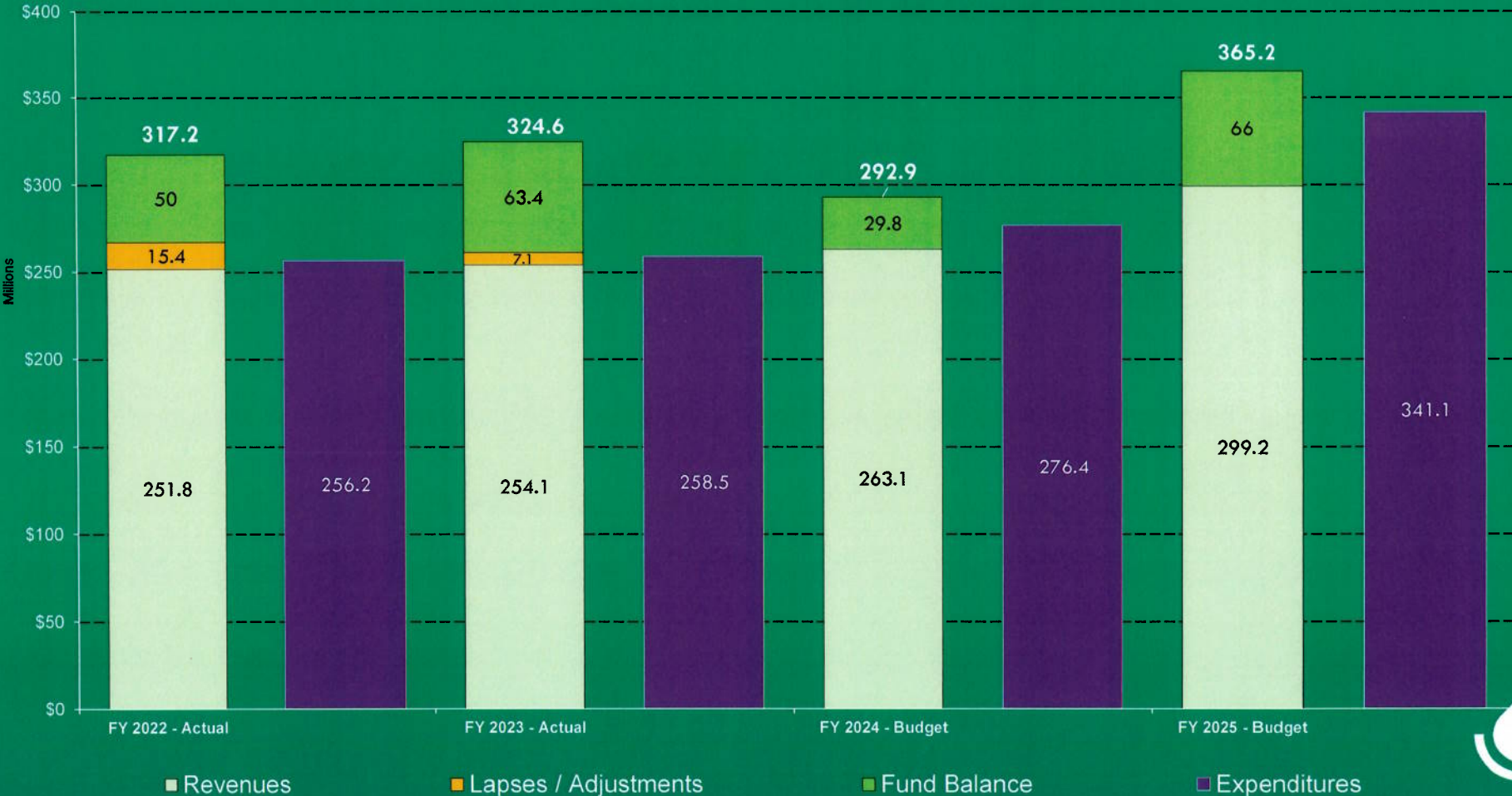
OPERATING FUND RESOURCES AND EXPENDITURES

(MILLIONS OF DOLLARS)

	FY 2023	FY 2024	FY 2025
	Actual	Estimated Actual	Budget
Beginning Balance	\$63.4	\$63.7	\$66.0
Revenues	\$253.2	\$267.1	\$299.2
Lapses/ Adjustments	\$7.1	-	-
Total Resources	\$323.7	\$330.8	\$365.2
Operating Expenditures	\$219.5	\$229.6	\$272.6
Capital Improvement Program	\$40.5	\$35.2	\$68.5
Total Expenditures	\$260.0	\$264.8	\$341.1
Ending Balance	\$63.7	\$66.0	\$24.1



TOTAL RESOURCES VS. TOTAL EXPENDITURES (MILLIONS OF DOLLARS)



BOARD ADOPTED FINANCIAL POLICIES (FISCAL YEAR END JUNE 30, 2023)

4.4.2 Debt Service Coverage – **FY23 – 3.46x (Senior) & 2.58x (All-In)**

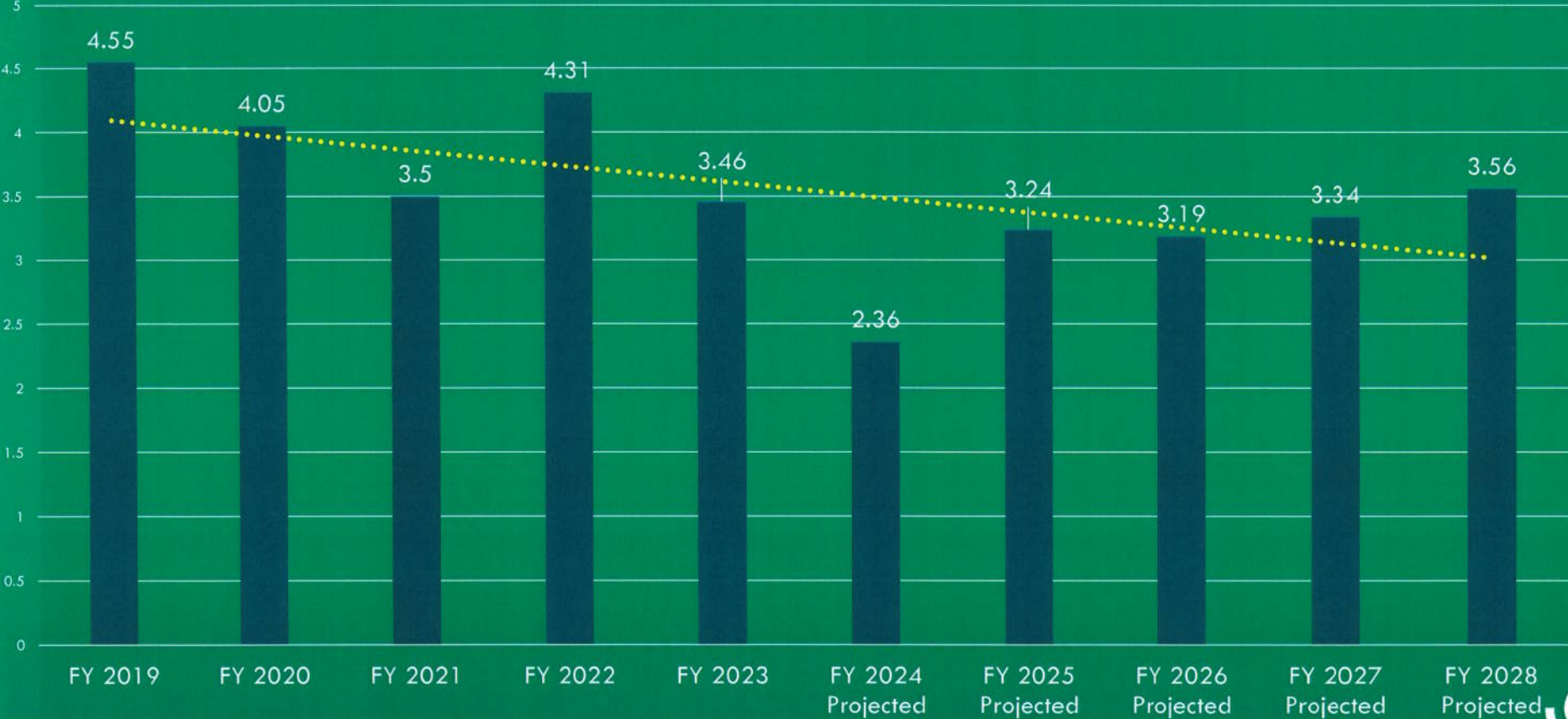
Per Board Resolution No. 873, 2017, the financial plan supports the BWS maintaining a minimum of 1.6x debt service coverage on total debt

4.4.3 Net Working Capital – **FY23 - 144 Days**

Revenue requirements include targeting 180 days of unencumbered working capital while never having less than 60 days



HISTORICAL AND PROJECTED DEBT COVERAGE

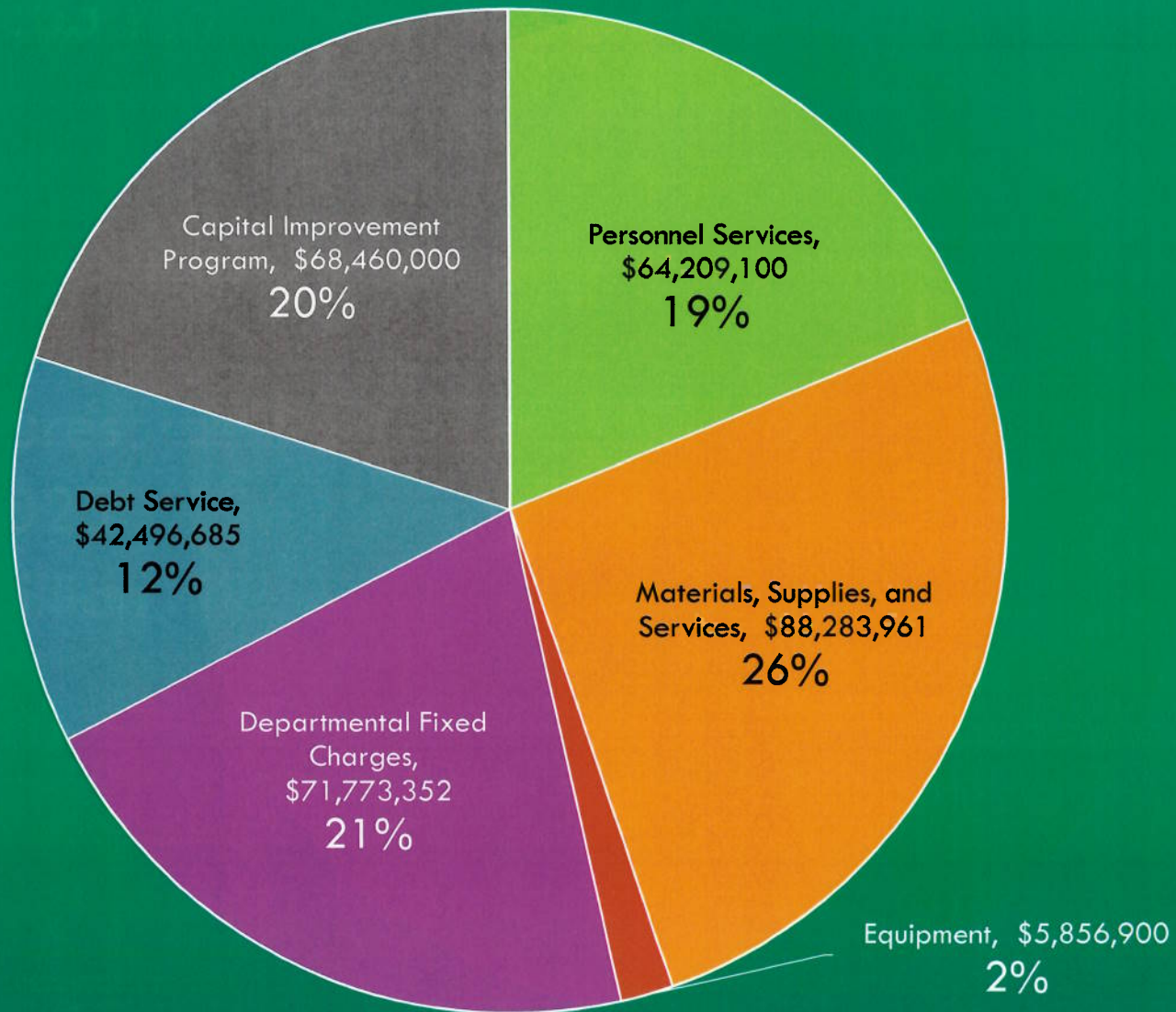


HISTORICAL BOND RATING(S)

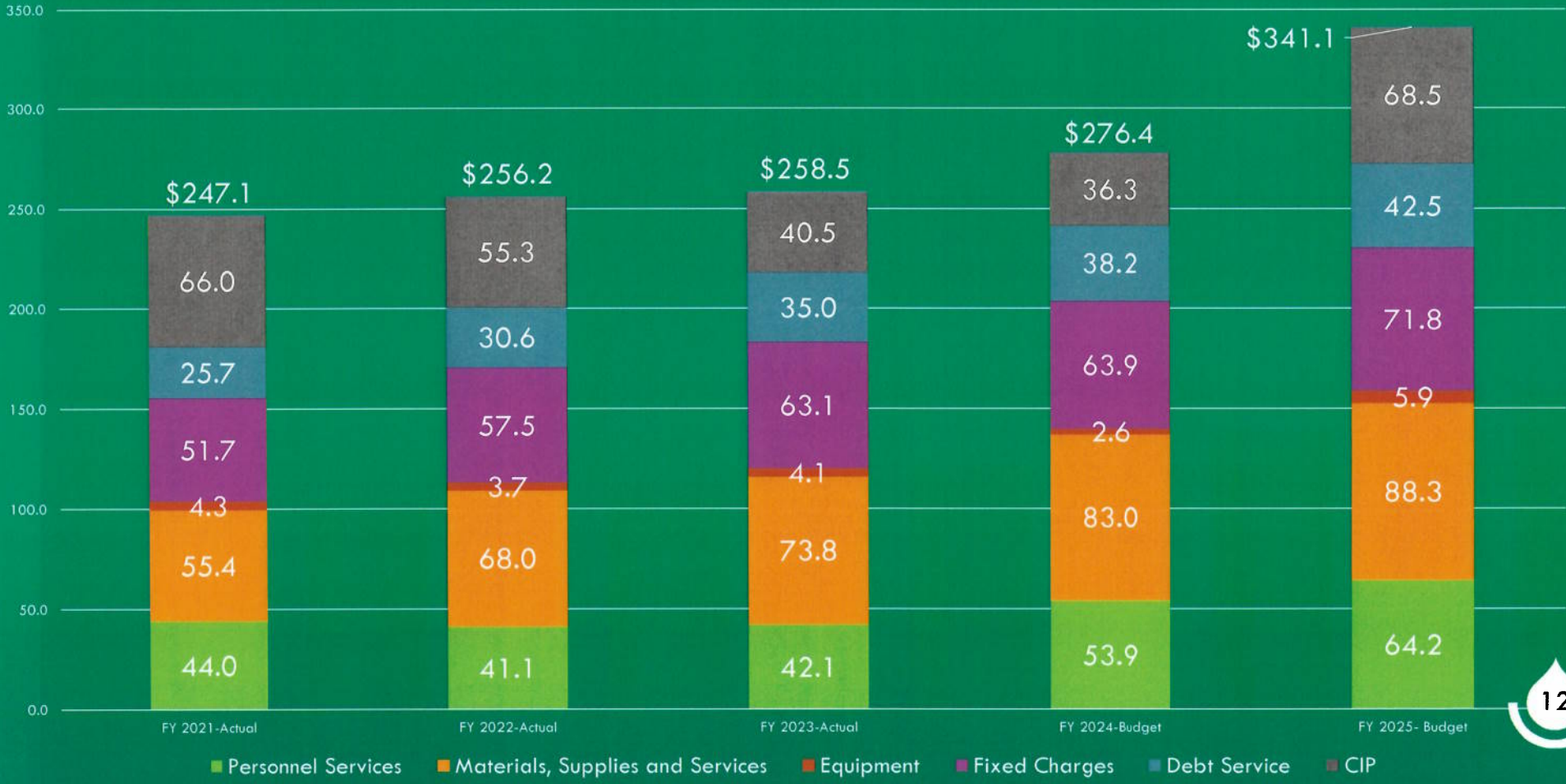
	Moody's	S&P	Fitch
May 2001	Aa3	AA	AA
February 2002	Aa3	AA	AA
January 2004	Aa3	AA	AA
June 2006	Aa3	AA	AA
February 2007	Aa3	AA	AA
April/May 2010	Aa2*	AA	AA+*
March 2012	-	-	AA+
November 2014	-	-	AA+
November 2016	-	-	AA+
November 2018	-	-	AA+
February 2020	-	AAA	AA+
February 2022	-	AAA	AA+
February 2023	-	AAA	AAA
February 2024	-	AAA	AAA

*Change in rating due to recalibration of scale

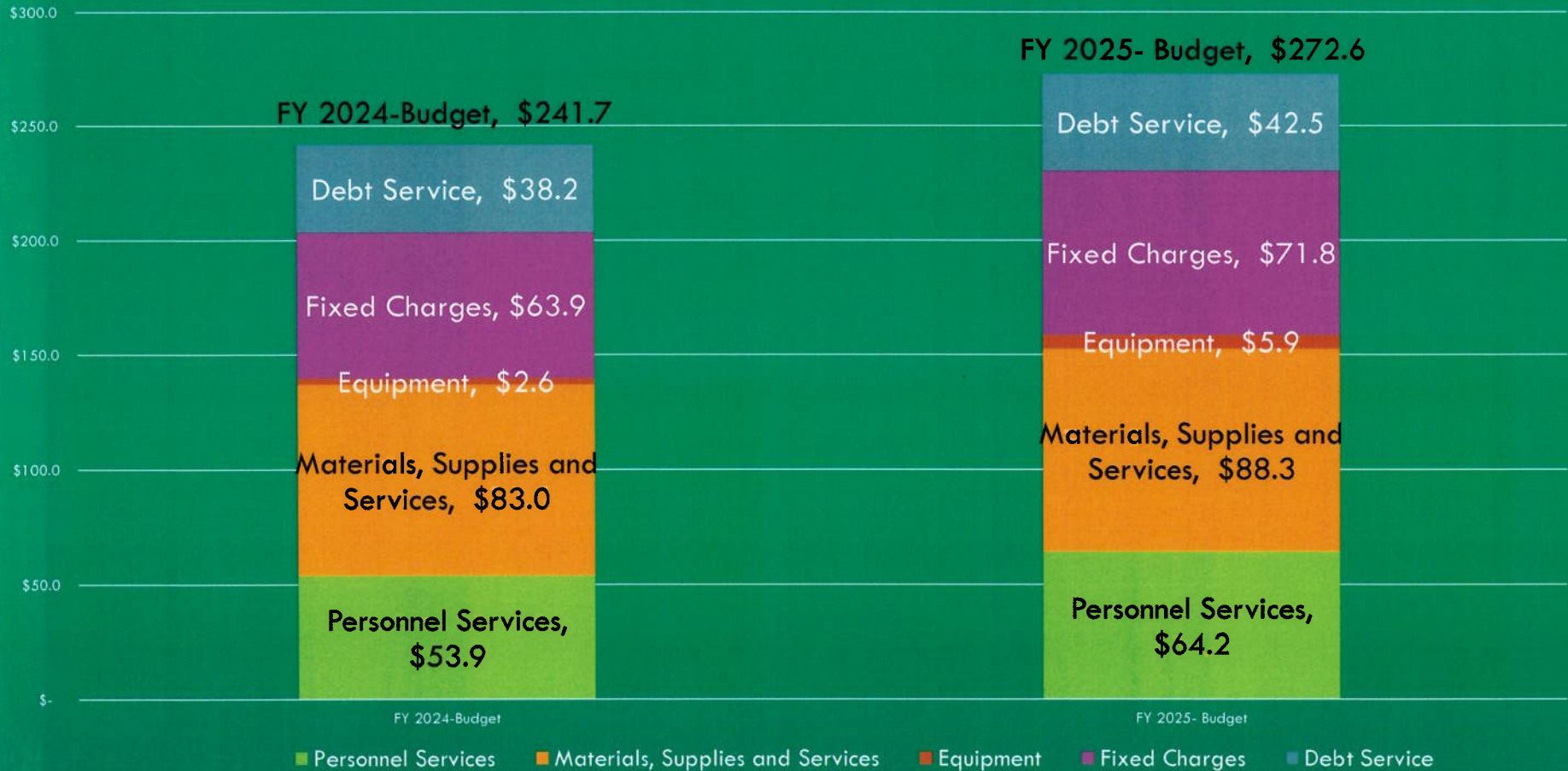
Operating Fund
Expenditures
for FY 2025
\$341.1 million



OPERATING FUND EXPENDITURES



OPERATING BUDGET EXPENDITURES (EXCLUDING CIP)



HIGHLIGHTS OF THE OPERATING BUDGET

Salaries

- No net increase in FTE
 - Department Staffing remains below the Authorized 741 FTE
- \$10.3 million increase in salaries or 19.1%
- Human Resources Initiatives
 - Optimize and expand operational capacity through reorganizations of functions and the leveraging of technology
 - Recruitment and Advertisement of positions through additional venues



Apply NOW
Internship Opportunity

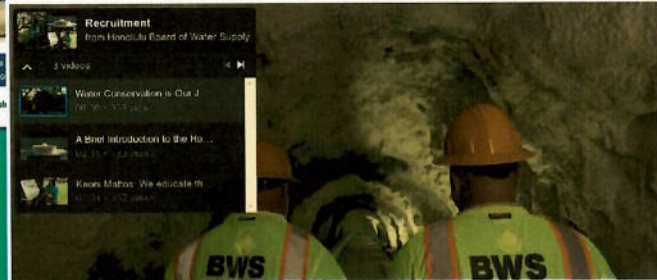
Civil engineering student internship
Summer 2024

Explore Experience Engage



In Their Own Words

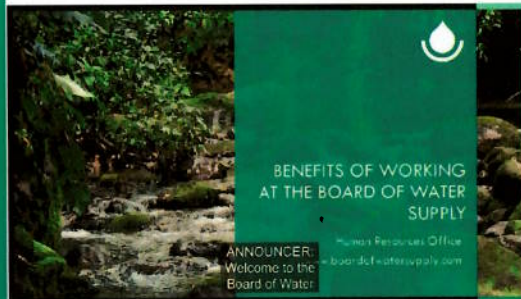
Why become part of the Honolulu Board of Water Supply (BWS) ohana?



Video

Watch a video describing various employment benefits available to members of the Honolulu Board of Water Supply (BWS) ohana.

Employment Benefits

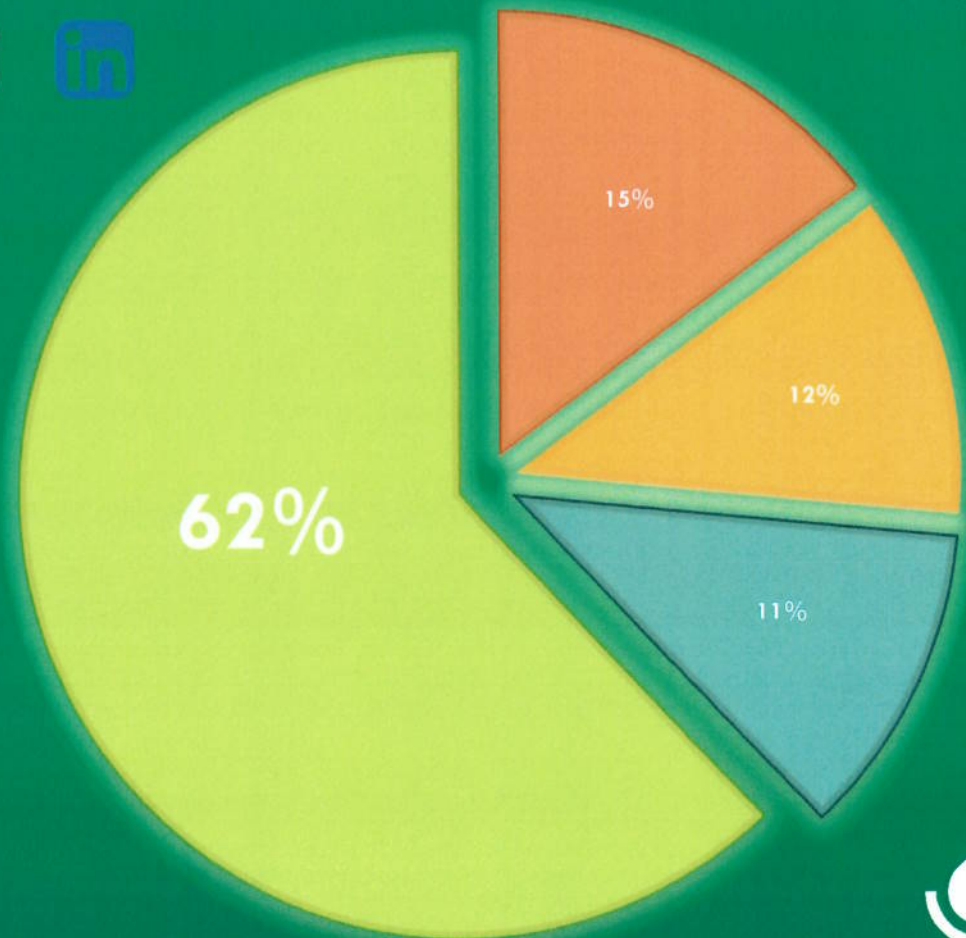


Product: 03/11/24



EMPLOYEES ELIGIBLE FOR RETIREMENT...

Now In 5 Years In 10 Years >10 Years



HIGHLIGHTS OF THE OPERATING BUDGET

Materials, Services & Supplies (MS & S)

- \$5.2 million increase in MS&S or 6.3% increase
- Primarily due to increases in funding for Other Contractual Services. This includes increased:
 - Water Quality Testing for PFAS and Fuel
 - Grounds and Tree-Trimming Work at our Regulated Dams

HIGHLIGHTS OF THE OPERATING BUDGET

Equipment

- \$3.3 million increase attributable to purchase of new & replacement fleet vehicles & heavy equipment

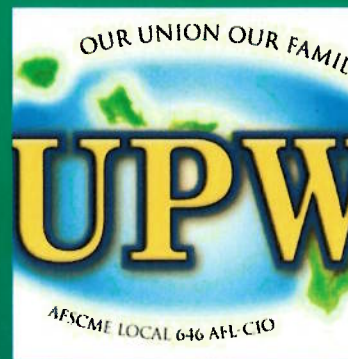
Debt Service

- \$4.3 million increase or 11.2% increase
 - \$3.5 million increase in principal and interest payments on bonds payable
 - \$790 thousand increase in SRF payments

HIGHLIGHTS OF THE OPERATING BUDGET

Fixed Charges

- \$7.8 million increase or 12.3% increase
 - \$7.0 million increase for a one-time anticipated payment for Temporary Hazard Pay related to the COVID-19 pandemic
 - Hazard pay payments are pursuant to collective bargaining agreements and will be determined by settlement and/or arbitration



REVENUE HIGHLIGHTS

- Total revenues are projected to increase by about \$36.1 million or 13.7%
 - Metered water revenues are projected to slightly increase by \$35.0 million or 14.1% due to the rate adjustment effective July 1, 2024
 - Recycled water revenues are projected to decrease by \$600 thousand or -9.1% due based on the current usage trend

REVENUE PROJECTIONS FY 2024

Revenue Sources	FY 2023 Actual	FY 2024 Budget	FY 2025 Budget	% Change
Metered Sales				
Potable & Non-Potable Water	\$ 236,867,207	\$ 248,000,000	\$ 283,000,000	14.1%
Recycled Water	\$ 6,184,880	\$ 6,600,000	\$ 6,000,000	-9.1%
Other Revenues	\$ 11,027,312	\$ 8,460,000	\$ 10,200,000	20.6%
TOTAL REVENUES	\$ 254,079,399	\$ 263,060,000	\$ 299,200,000	13.7%

Operating Fund Revenues (In Millions)



OPERATING FUND REVENUE & EXPENDITURE SUMMARY

(MILLIONS OF DOLLARS)

	FY 2024	FY 2025	Change	
	Adopted	Proposed	\$ Mil.	%
Revenues	\$263.1	\$299.2	\$36.1	13.7%
Total Operating Expenditures	\$241.7	\$272.6	\$30.9	12.8%

CAPITAL IMPROVEMENT PROGRAM BUDGET FY 2025 IN MILLIONS OF DOLLARS

	Categories	Operating Fund	State Revolving Fund	Special Expendable Fund	Improvement Fund	Extramural Fund	Water Infrastructure Finance and Innovation Act	Total
I.	Research & Development	10.000	4.900	0.500	8.000	1.000	-	24.400
II.	Renewal & Replacement	43.200	64.226	-	25.500	-	-	132.926
III.	Capacity Expansion	0.275	35.100	6.260	5.750	19.000	49.700	116.085
	Subtotal	53.475	104.226	6.760	39.250	20.000	49.700	273.411
	Construction Cost Index	3.635	6.750	-	3.925	-	4.970	19.280
	Contract Adjustment	11.350	0.800	0.350	5.100	-	-	17.600
	Total	68.460	111.776	7.110	48.275	20.000	54.670	310.291

FUNDING DIVERSIFICATION
EFFORTS REFLECTED IN THE FY 2025
CIP...

Congressionally Directed
Spending

\$2M Mānana Wells Control Valve
Installation
\$2M Ka'ahumanu Wells Control Valve
Renovation

Low Interest Loan Financing

\$111.8M in State Revolving Fund Loan
Financing (requested)
\$54.7M in Water Infrastructure Finance
and Innovation Act Financing (requested)

Grants

\$19M Grant application to the US Bureau
of Reclamation

FY 2025 CAPITAL IMPROVEMENT PROGRAM BUDGET

U W E K A L A N I O L A K A H O N U A

PATRICK CHUN, P.E. – CAPITAL PROJECTS DIVISION

MAY 6, 2024

WWW.BOARDOFWATERSUPPLY.COM



FY 2025 CIP

- Supports the BWS vision and mission - **Water for Life: Safe, dependable and affordable water now and into the future**
- Aligned with the BWS Water Master Plan, Strategic Plan 2023-2027, BWS's Goals and Objectives, and the Six-Year Capital Improvement Program

Water Service Adequacy and
Dependability

Infrastructure Costs and Rate
Affordability



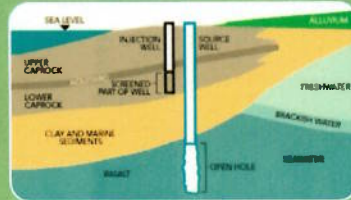
PROJECT CATEGORIES



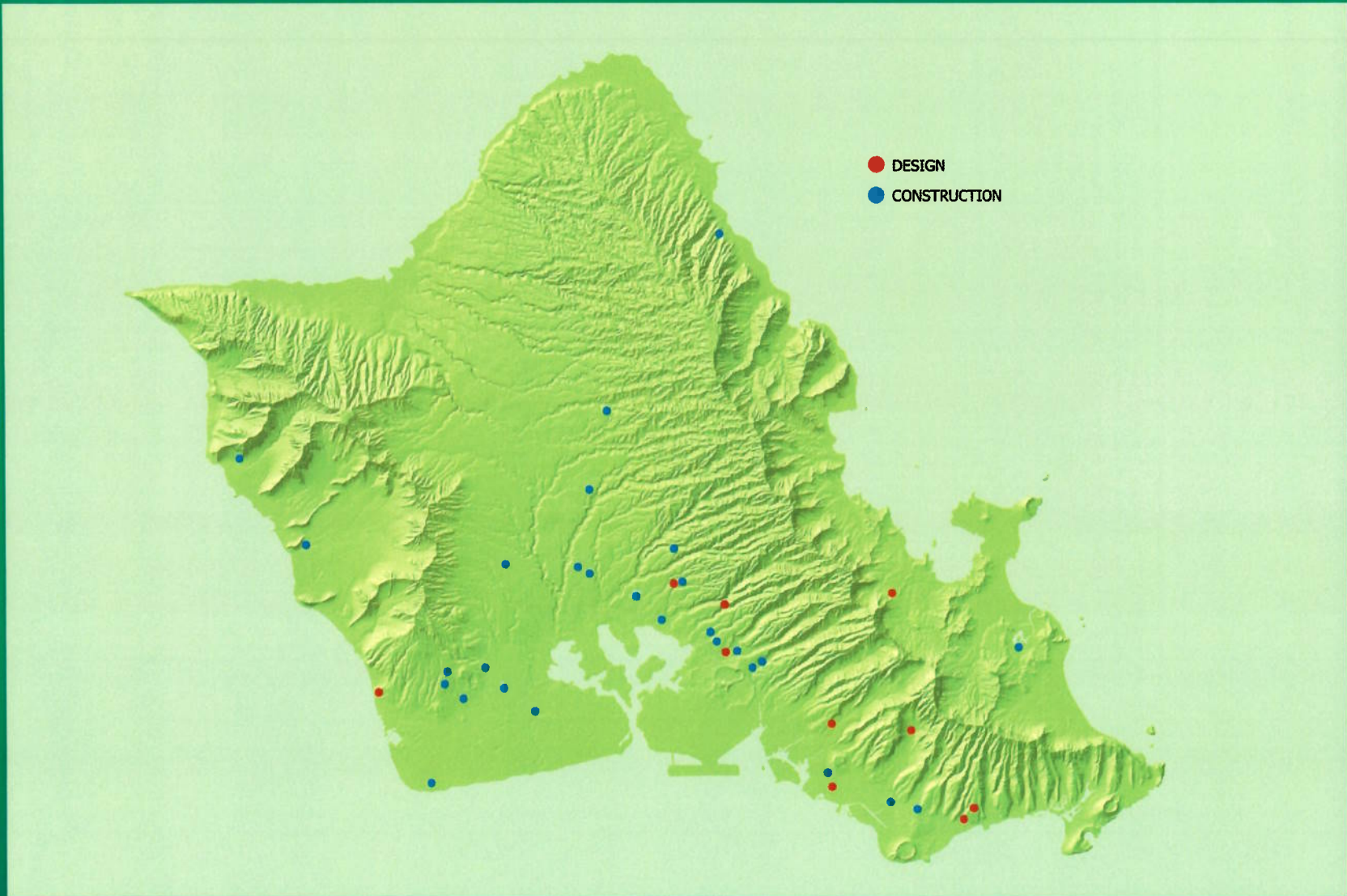
I. Research and Development



II. Renewal and Replacement



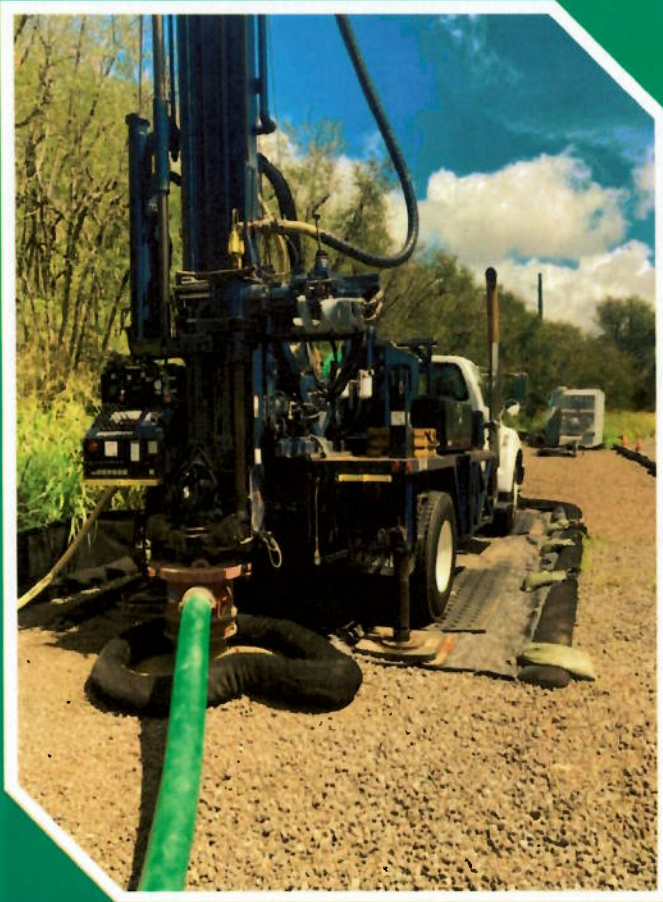
III. Capacity Expansion



PROJECT CATEGORY 1 HIGHLIGHTS

Research and Development (\$24.4 Mil)

- Construction - Monitoring Wells for Red Hill Contamination Response - \$9 Mil
- Planning and Engineering - Exploratory Wells for Red Hill Contamination Response – (1) Ka‘ōnohi 850’ and (2) Waiau 550’ - \$3.5 Mil
- Planning and Engineering - Environmental Investigation of Emerging Contaminants - \$4.9 Mil



PROJECT CATEGORY 2 HIGHLIGHTS

Renewal and Replacement (\$132.9 Mil)

- Construction - Waiiau Booster No. 2 Electrical Upgrades - \$5 Mil
- Construction - Keolu Hills Water System Improvements, Part II - \$18 Mil
- Planning & Engineering - Wai'alaie Iki Booster No. 3 MCC Replacement - \$400 K
- Planning & Engineering - Lead and Copper Rule Improvements (LCRI) Implementation - \$28.6 Mil
- Planning & Engineering - Wai'alaie 180' 3.0 MG Reservoir Replacement - \$400 K



PROJECT CATEGORY 3 HIGHLIGHTS

Capacity Expansion (\$116.1 Million)

- Construction - Ma'akua Wells Unit No. 2 - \$5.8 Mil
- Construction - East Kapolei 215 R1 3.0 MG Res - \$20 Mil
- Construction - Kalaeloa Sea Water Desalination Facility - \$68.7 Mil
- Planning and Engineering - Mānoa Well II Unit No. 2 - \$275 K
- Planning and Engineering - Honolulu District 42-Inch Mains - Liliha to Mō'ili'ili - \$900 K



FY 2025 BUDGET SUMMARY

	Operating Fund	State Revolving Fund	Special Expendable Fund	Improvement Fund	Extramural Fund	Water Infrastructure Finance and Innovation Act	Total
Operating Budget	272,619,998						272,619,998
Capital Improvement Program Budget	68,460,000	111,776,000	7,110,000	48,275,000	20,000,000	54,670,000	310,291,000
Total - All Funds	341,079,998	111,776,000	7,110,000	48,275,000	20,000,000	54,670,000	582,910,998

FISCAL YEAR 2025 BUDGETS REMAIN FOCUSED ON OUR CORE VISION – KA WAI OLA

SAFE

A defining water quality issue of our time

The image features a circular graphic with a teal background. At the top, the word "SAFE" is written in large, bold, white letters. Below it, the text "A defining water quality issue of our time" is written in a smaller, italicized font. The background of the circle includes faint images of water quality testing equipment like a water tap and a test tube.

Implementation & Compliance w/ All Drinking Water Regulations

DEPENDABLE

There is no substitute

The image features a circular graphic with a teal background. At the top, the word "DEPENDABLE" is written in large, bold, white letters. Below it, the text "There is no substitute" is written in a smaller, italicized font. The background of the circle includes faint images of a water tap and a glass of water.

Water Master Plan Update & Implementation of High Priority Projects

AFFORDABLE

The image features a circular graphic with a teal background. At the top, the word "AFFORDABLE" is written in large, bold, white letters. The background of the circle includes faint images of budget charts, tables, and graphs.

AAA Bond Rating & Maximization of Federal & State Funding



Mahalo!

BOARD OF WATER SUPPLY

FY 2025 Budget Workshop

Raelynn Nakabayashi & Patrick Chun, P.E.

boardofwatersupply.com

May 6, 2024

BOARD OF WATER SUPPLY

City and County of Honolulu
Honolulu, Hawai'i



2025 BUDGET

For the Fiscal Year Beginning July 1, 2024,
and Ending June 30, 2025

**BOARD OF WATER SUPPLY
City and County of Honolulu**

**OPERATING AND CAPITAL IMPROVEMENT PROGRAM BUDGET
For the Fiscal Year Beginning July 1, 2024,
and Ending June 30, 2025**

BOARD MEMBERS

Nā'ālehu Anthony, Chair

Kapua Sproat, Vice-Chair

Bryan P. Andaya, Member

Jonathan Kaneshiro, Member

Gene Albano, P.E., Ex-Officio

Edwin H. Sniffen, Ex-Officio

SUBMITTED BY:

APPROVED:

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

NĀ'ĀLEHU ANTHONY, Chair
May 28, 2024

May 28, 2024

Chair and Members
Board of Water Supply
City and County of Honolulu
Honolulu, Hawai'i 96843

Chair and Members:

In accordance with Section 7-106(i), Revised Charter of the City and County of Honolulu, we submit for your review and approval the proposed Operating and Capital Improvement Program Budget for fiscal year July 1, 2024, to June 30, 2025 (FY 2025).

INTRODUCTION

The Board of Water Supply (BWS) embraces its mission of “Water for Life – Ka Wai Ola” – to provide a safe, dependable, and affordable water supply, now and into the future. It takes a large and complex water system to deliver on average 145 million gallons of water, each day, from our underground sources to homes, farms, and businesses. Though we continue to weather the economic impacts resulting from the COVID-19 Pandemic and conflicts in both Europe and the Middle East, the nearly one million people we serve depend on the BWS to continue to operate and invest in the water system. The FY 2025 Operating and Capital Improvement Program Budgets remain focused on fulfilling our core mission.

Though a new Schedule of Rates and Charges became effective in February 2024, the BWS continues to exercise fiscal prudence. The FY 2025 Budgets represent a balance between the investments we must make to operate, maintain, repair, and replace the water system, while striving to maintain affordability for our customers. As inflation decreases purchasing power, and supply chain issues impact operations, lengthen time to project completion, and increase expenses, to maintain affordability for our customers, only expenses deemed necessary to maintain core services are included in the FY 2025 Budgets. The BWS has taken care to balance increased costs within our available resources to ensure a safe, dependable, and affordable water supply for its customers.

FINANCIAL PLAN

The proposed Operating Budget for FY 2025 is based on total Operating Fund¹ resources of \$365.2 million, to be derived from operating revenues of \$299.2 million and an estimated carryover balance from FY 2024 of \$66.0 million. The carryover balance results from the estimated Operating Fund¹ balance that remains unappropriated at the close of FY 2024.

The proposed Operating Fund¹ expenditure allocations are \$272.6 million for operating expenses and \$68.5 million for the Capital Improvement Program (CIP) budget. A projected ending balance of \$24.1 million will remain unappropriated.

The proposed CIP budget totals \$310.3 million and is funded by \$68.5 million from the Operating Fund¹, \$48.3 million from the Improvement Fund², \$7.1 million from the Special Expendable Fund³, \$20.0 million from the Extramural Fund⁴, \$111.8 million from the State of Hawai'i Department of Health State Revolving Fund (SRF) loan program⁵, and \$54.7 million from the Water Infrastructure Finance and Innovation Act⁶.

PART I. OPERATING BUDGET

Following are summaries of the proposed revenues and expenditures for FY 2025 as well as the corresponding figures for the preceding two fiscal years.

A. REVENUES

For FY 2025, we are projecting total revenues of \$299.2 million, which is \$36.1 million or 13.7 percent more than total revenues budgeted for FY 2024.

Revenue Sources	FY 2023 Actual	FY 2024 Budget	FY 2025 Budget	% Change FY 2025 over FY 2024
Metered Sales				
Potable and Non-Potable Water*	236,867,207	248,000,000	283,000,000	14.1%
Recycled Water	6,184,880	6,600,000	6,000,000	-9.1%
Other Revenues	11,027,312	8,460,000	10,200,000	20.6%
Total Revenues	254,079,399	263,060,000	299,200,000	13.7%

*Non-Potable Water is water that is not of drinking quality, but which may still be used for many other purposes, depending on its level of quality. This may also be referred to as brackish water.

Metered Sales – Potable Water and Non-Potable

Potable and non-potable water sales are projected to increase by \$35.0 million or 14.1 percent more than the FY 2024 budget amount of \$248.0 million. This increase is primarily due to a rate adjustment to be effective at the beginning of FY 2025 on July 1, 2024, and current usage trends.

Metered Sales – Recycled Water

Recycled water sales of \$6.0 million are projected to decrease slightly by \$600 thousand or 9.1 percent when compared to the FY 2024 budget. This decrease projected is based on a trend of lower usage.

Other Revenues

Other Revenues of \$10.2 million will be \$11.9 million or 20.6 percent higher than the FY 2024 budgeted amount primarily due to an anticipated increase in interest income of \$1.8 million. Interest income is interest revenue earned on the Board's investments. The Other Revenues category is comprised of sources such as interest income on investments, ocean cooling revenues, automatic fire sprinkler charges, rental income, and miscellaneous billing charges.

B. EXPENDITURES

The proposed total Operating Fund¹ expenditures for FY 2025 are budgeted at \$341.1 million. This represents an increase of \$63.1 million, or 22.7 percent more than the amount budgeted for FY 2024. This change is attributable to increases across all lines of expenditure including increases in personnel of \$10.3 million, materials, supplies, and services of \$5.2 million, equipment of \$3.3 million, fixed charges of \$7.8 million, debt service of \$4.3 million, and Operating Funded¹ projects in the Capital Improvement Program budget of \$32.2 million.

Highlights of the proposed Operating Budget for FY 2025 are presented following the next table.

Summary of Proposed Operating Budget, by Major Cost Categories

	FY 2023 Actual	FY 2024 Budget	FY 2025 Budget	FY 2025 over FY 2024	% Change FY 2025 over FY 2024
Personnel Services	42,050,523	53,924,173	64,209,100	10,284,927	19.1%
Materials, Supplies, and Services	73,773,146	83,042,026	88,283,961	5,241,935	6.3%
Equipment	4,088,395	2,562,600	5,856,900	3,294,300	128.6%
Fixed Charges	63,075,862	63,933,000	71,773,352	7,840,352	12.3%
Debt Service	35,039,989	38,222,165	42,496,685	4,274,520	11.2%
Total Operating Expenditures	218,027,915	241,683,964	272,619,998	30,936,034	12.8%
Transfer to the CIP Program	40,455,235	36,276,000	68,460,000	32,184,000	88.7%
Total Expenditures	258,483,150	277,959,964	341,079,998	63,120,034	22.7%

Personnel Services

The proposed personnel services budget of \$64.2 million is \$10.3 million or 19.1 percent more than personnel services budgeted for FY 2024 due to negotiated collective bargaining salary increases and a focus on filling vacant positions. BWS is working diligently to improve retention and recruitment of its workforce through use of targeted advertisement with trade publications and associations, social media, and other recruitment activities. Only positions that are anticipated to be actively recruited in FY 2025 are funded. The proposed operating budget includes the creation of four (4) new positions. The departmental staffing level remains under the total of 741 authorized positions.

The four (4) new positions proposed are:

- (1) Civil Engineer V (Office of the Manager and Chief Engineer) 25OMCE01
- (2) Industrial Construction Inspector (Capital Projects) 25CP01
- (3) Data Processing Systems Analyst I (Information Technology) 25IT01
- (4) Data Processing Systems Analyst III (Information Technology) 25IT02

Materials, Supplies and Services (MS&S)

The proposed MS&S budget of \$88.3 million is \$5.2 million or 6.3 percent more than the expenditures budgeted in FY 2024. This is primarily due to increases in funding for Other Contractual Services.

Equipment

The proposed equipment budget of \$5.9 million is \$3.3 million or 128.6 percent more than the amount budgeted in FY 2025. The increase is primarily attributable to an increase to the budget to purchase replacement fleet vehicles and equipment.

Debt Service

The total debt service requirement for FY 2025 is \$42.5 million, which is \$4.3 million, or 11.2 percent more than the amount budgeted in FY 2024. Reflective of our growing Capital Improvement Program and increasing financing costs in FY 2025; payments to the State of Hawai'i Department of Health State Revolving Fund (SRF) loan program are increasing by \$790 thousand and principal and interest payments on the department's bonds payable are increasing by \$3.5 million.

Fixed Charges

The proposed fixed charges budget of \$71.8 million is \$7.8 million or 12.3 percent more than the amount budgeted for FY 2024. This increase is primarily due to an added \$7.0 million in anticipation of a settlement of Temporary Hazard Pay obligations related to the COVID-19 pandemic. Temporary Hazard Pay payments may be required pursuant to collective bargaining agreements and are anticipated to be determined by settlement and/or arbitration in the coming fiscal year.

PART II. CAPITAL IMPROVEMENT PROGRAM (CIP) BUDGET

A CIP budget of \$310.3 million is proposed for FY 2025 to be funded as follows: Operating Fund¹ – \$68.5 million; Improvement Fund² – \$48.3 million; Special Expendable Fund³ – \$7.1 million; Extramural Fund⁴ – \$20.0 million; State of Hawai'i Department of Health State Revolving Fund (SRF) loan program⁵ – \$111.8 million; and Water Infrastructure Finance and Innovation Act⁶ – \$54.7 million.

Highlights of the proposed CIP for next year includes \$24.4 million for research and development; \$132.9 million for the renewal and replacement of various BWS pipelines, facilities, and pumping stations; and \$116.1 million for capacity expansion. The CIP cost categories and project descriptions are summarized starting on page CIP-SUMM.

The BWS is actively seeking external funding to finance CIP projects in FY 2025. The Bipartisan Infrastructure Law (BIL) increased funds available to water utilities through the Drinking Water State Revolving Fund(s) (DWSRF). The State of Hawaii, Department of Health manages the DWSRF Program, which is traditionally a low-interest loan program. This increase in funding has allowed the DWSRF Program to include loan forgiveness in their loan agreements for a wide range of drinking water projects, including upgrades to water treatment plants, water distribution and piping systems, PFAS treatment, and lead pipe replacement (if necessary).

In Fiscal Year 2025, the BWS has included in its CIP \$111.8 million of eligible projects and has requested this funding from the State of Hawai'i, Department of Health (DOH) SRF loan program. BWS intends to continue requesting increased DWSRF funding allocations as are made available via the BIL or other federal legislation.

NOTES

¹ "Operating Fund" is defined as rate revenue or cash

² "Improvement Fund" is defined as the proceeds of Water System Revenue Bonds

³ "Special Expendable Fund" is a restricted fund in which water system facilities charges are deposited and the funding reserved for water system capacity expansion projects

⁴ "Extramural Fund" is a restricted fund, established by Resolution No. 778, 2007, in which funds received from any governmental agency or private entity, pursuant to negotiated agreements, contracts and/or grants, are deposited and separately accounted for

⁵ "State of Hawai'i Department of Health State Revolving Fund (SRF) loan program" is defined as project loans from the State of Hawaii

⁶ "Water Infrastructure Finance and Innovation Act (WIFIA) Program" is defined as a federal low fixed interest project loan administered by the Environmental Protection Agency (EPA) for water infrastructure projects

Red Hill Bulk Fuel Storage Facility Crisis and BWS Capital Program

As a result of the fuel release and water contamination crisis stemming from the Red Hill Bulk Fuel Storage Facility (RHBFSF), the BWS has already incurred and continues to incur costs to ensure its customers continue to receive safe and dependable water service. The crisis has led to the BWS decision to shut down its Hālawa Shaft, Hālawa Wells, and 'Aiea Wells as a precaution to protect our customers. In doing so, this has reduced our capacity to provide water service to the metropolitan Honolulu and 'Aiea-Hālawa areas. Under normal operations, Hālawa Shaft provides 20% of our water supply, serving almost half the population of metropolitan Honolulu, while Hālawa Wells and 'Aiea Wells provide about 50% of the supply capacity for the 'Aiea-Hālawa area. The lack of data and information on underground fuel migration or contamination plume in the aquifer makes it difficult to determine if Hālawa Shaft, Hālawa Wells, and 'Aiea Wells can ever be operated safely. As a precaution, these three wells remain shutdown indefinitely.

The BWS continues its efforts to respond to this unprecedented situation and this FY 2025 Capital Improvement Program budget reflects these efforts. We have programmed projects aimed at increasing the water supply and protecting our existing water resources. The projects are:

- Research and Development: Monitoring Wells - Drill and case up to three (3) monitoring wells for use as "sentinel" wells to warn of the presence of an underground fuel plume from the Red Hill fuel contamination.
- Research and Development: Exploratory Wells – Ka'ōnohi 850' - Prepare design for one (1) exploratory well, environmental assessment, and Public Infrastructure Map (PIM) Amendment for the well, pump station and connecting pipelines at Ka'ōnohi 850'.
- Research and Development: Exploratory Wells – Waiau 550' - Prepare design for one (1) exploratory well, environmental assessment, and Public Infrastructure Map (PIM) Amendment for the well, pump station and connecting pipelines at Waiau 550'.
- Renewal and Replacement: Mānana Wells Control Valve Installation - Install a control valve assembly and water line connections to allow the controlled release of Pearl Harbor 285 system water into the Metropolitan 180 system needed due to the loss of Hālawa Shaft because of the Red Hill fuel contamination.
- Renewal and Replacement: Ka'āhumanu Wells Control Valve Installation - Upgrade control valve assembly and water line connections to more efficiently allow the controlled release of Pearl Harbor 285 system water into the Metropolitan 180 system needed due to the loss of Hālawa Shaft because of the Red Hill fuel contamination.
- Capacity Expansion, Pumps: Production Wells – Ka'ōnohi 850' - Land acquisition near the existing Ka'ōnohi 850' reservoir site to install new pump station and appurtenances.

Special Expendable Fund – Waiver Programs

Water system facilities charges are levied against all new developments requiring water supplies from the BWS or additional water supplies from existing water services except those where the developer installs, at its own cost, a complete water system including source, transmission, and daily storage facilities. Developers pay the water system facilities charges before water services are made available to the developments. Such water system facilities charges are deposited in the Special Expendable Fund and do not constitute Rate Revenues. The amount of fees and charges deposited into the Special Expendable Fund varies from year to year. The fund is restricted in use to funding water system expansion projects.

The Special Expendable fund balance on June 30, 2023, was \$51.3 million. The Special Expendable fund is being used to fund \$41.3 million of CIP expansion projects in FY 2024 and \$7.1 million of CIP expansion projects in FY 2025. A projected ending balance of \$8.0 million will be unappropriated.

On September 15, 2018, the Board of Water Supply adopted a revision to the Schedule of Rates and Charges for the Furnishing of Water Service to include a waiver of Water System Facilities Charges and new meter cost for qualified on-site affordable and homeless dwelling units, up to 500 dwelling units per fiscal year and fire sprinkler retrofit projects. The waivers were extended on November 28, 2023, through June 30, 2029. To date, the program has waived these fees and charges for 2,172 affordable housing and homeless dwelling units and one (1) fire sprinkler retrofit project. This equates to \$2,906,125.17 in fees and charges waived. The long-term effect of this loss of fees could result in the Operating Fund absorbing the cost of expansion projects in the future.

Additionally on November 28, 2023, a new waiver program for new, small farmers, connecting to the BWS system for the first time, was adopted through June 30, 2029. At this time, no waivers under this program have been granted.

Respectfully submitted,

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

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SUMMARY OF ALL FUNDS

OPERATING BUDGET

**CAPITAL IMPROVEMENT
PROGRAM BUDGET**

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**Board of Water Supply
Summary of All Funds
Fiscal Year 2025**

Operating Fund	State Revolving Fund	Special Expendable Fund	Improvement Fund	Extramural Fund	Water Infrastructure Finance and Innovation Act	TOTAL - All Funds
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Operating Budget 272,619,998

272,619,998

Capital Improvement Program

68,460,000 111,776,000 7,110,000 48,275,000 20,000,000 54,670,000 310,291,000

Total - All Funds

341,079,998 111,776,000 7,110,000 48,275,000 20,000,000 54,670,000 582,910,998

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**BOARD OF WATER SUPPLY
OPERATING AND CAPITAL IMPROVEMENT PROGRAM BUDGET
FISCAL YEAR 2025
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II. CAPITAL IMPROVEMENT PROGRAM (CIP) BUDGET

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**Board of Water Supply
Total Budget
Fiscal Year 2025**

Department Summary

Resources and Expenditures	FY2023 Actual	FY2024 Adopted Budget	FY2025 Proposed Budget
Beginning Balance	63,363,360	29,838,777	66,000,625
Revenues	254,079,399	263,060,000	299,200,000
Lapses/Adjustments	7,103,191	0	0
Total Resources	324,545,950	292,898,777	365,200,625
Operating Expenditures	218,027,914	241,683,964	272,619,998
Capital Program	40,455,235	36,276,000	68,460,000
Total Expenditures	258,483,149	277,959,964	341,079,998
Ending Balance	66,062,801	14,938,813	24,120,627

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**Board of Water Supply
Operating Budget Revenues
Fiscal Year 2025**

Department Summary

Revenues	FY2023 Actual	FY2024 Adopted Budget	FY2025 Proposed Budget
Metered Revenue - Potable Water	236,867,207	248,000,000	283,000,000
Metered Revenue - Recycled Water (R-1)	3,284,980	3,500,000	3,000,000
Metered Revenue - Recycled Water (RO)	2,899,900	3,100,000	3,000,000
Private Fire Protection	416,237	540,000	500,000
Ocean Cooling Revenues	1,481,973	1,500,000	1,600,000
Other Water Revenues	209,312	200,000	200,000
Revenues from Water Service Installations	285,457	420,000	420,000
Revenues from Merchandising & Jobbing (M&J)	254,183	300,000	300,000
Interest Income - Operating	8,191,227	5,200,000	7,000,000
Miscellaneous Non-Operating Revenue	112,063	100,000	100,000
Non-Operating Rental Income	76,860	200,000	80,000
Total	254,079,399	263,060,000	299,200,000

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**Board of Water Supply
Operating Budget Revenues
Fiscal Year 2025**

Department Summary

Expenditure Classification	FY2023 Actual	FY2024 Adopted Budget	FY2025 Proposed Budget
Personnel Services	42,050,523	53,924,173	64,209,100
Materials, Supplies and Services	73,773,146	83,042,026	88,283,961
Equipment	4,088,395	2,562,600	5,856,900
Departmental Fixed Charges	63,075,862	63,933,000	71,773,352
Debt Service	35,039,989	38,222,165	42,496,685
Operating Expenditures	218,027,914	241,683,964	272,619,998
Transfer to Capital Improvement Program	40,455,235	36,276,000	68,460,000
Total Expenditures	258,483,149	277,959,964	341,079,998

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**Board of Water Supply
Operating Budget Revenues
Fiscal Year 2025**

Department Summary by Division/Office

Expenditure Classification (Personnel Services, Materials, Supplies and Services, and Equipment)	FY2023 Actual	FY2024 Adopted Budget	FY2025 Proposed Budget
Manager's Office	1,173,257	1,064,560	1,300,660
Executive Support Office	8,779,651	15,095,588	14,113,165
Communications Office	1,699,799	1,566,472	1,689,260
Human Resources Office	649,493	807,300	859,000
Water Quality	13,959,997	7,078,810	7,713,400
Customer Care	4,097,679	5,361,750	5,666,060
Land	382,124	488,900	513,700
Water Resources	13,180,106	15,815,555	17,781,942
Field Operations	27,759,009	37,576,235	41,249,580
Capital Projects	7,108,677	9,243,763	9,665,363
Water System Operations	18,124,306	18,599,620	22,986,080
Information Technology	18,366,152	20,715,446	21,605,041
Finance	4,631,805	6,114,800	6,206,710
Total of Divisions and Offices	119,912,056	139,528,799	151,349,961
Personnel Services	0	0	7,000,000
Departmental Fixed Charges	63,075,862	63,933,000	71,773,352
Debt Service	35,039,989	38,222,165	42,496,685
Total Operating Expenditures	218,027,907	241,683,964	272,619,998

**Board of Water Supply
Expenses by Account Type
Fiscal Year 2025**

Department Summary by Division/Office

Resources and Expenditures	Personnel Services	Materials, Supplies, and Services	Equipment	Debt Services and Dept Fixed Charges	FY2025 Proposed Budget
Manager's Office	883,500	417,160	0	0	1,300,660
Executive Support Office	1,318,200	12,794,965	0	0	14,113,165
Communications Office	1,007,700	681,560	0	0	1,689,260
Human Resources Office	700,500	158,500	0	0	859,000
Water Quality	2,230,000	5,107,400	376,000	0	7,713,400
Customer Care	4,480,230	1,094,230	91,600	0	5,666,060
Land	375,300	138,400	0	0	513,700
Water Resources	3,105,770	14,589,172	87,000	0	17,781,942
Field Operations	20,582,900	20,533,780	132,900	0	41,249,580
Capital Projects	6,944,500	2,570,863	150,000	0	9,665,363
Water System Operations	8,054,200	10,642,480	4,289,400	0	22,986,080
Information Technology	4,596,200	16,278,841	730,000	0	21,605,041
Finance	2,930,100	3,276,610	0	0	6,206,710
Total:	57,209,100	88,283,961	5,856,900	0	151,349,961
Fixed Charges and Debt Service	7,000,000	0	0	114,270,037	121,270,037
Grand Total	64,209,100	88,283,961	5,856,900	114,270,037	272,619,998

**Honolulu Board of Water Supply
Position Budgets
Fiscal Year 2025**

Department Summary by Division/Office

Division Name	Positions				Salary			
	Perm	LTA	PSC	Total	Perm	LTA	PSC	Total
Manager's Office	7.00	0.00	1.00	8.00	788,439	0	1	788,440
Executive Support Office	19.00	0.00	0.00	19.00	1,258,308	0	0	1,258,308
Communications Office	11.00	0.00	1.00	12.00	881,626	0	17,484	899,110
Human Resources Office	10.00	0.00	0.00	10.00	695,535	0	0	695,535
Water Quality	32.00	0.00	0.00	32.00	1,947,855	0	0	1,947,855
Customer Care	70.00	2.00	0.00	72.00	3,847,769	83,616	0	3,931,385
Land	5.00	0.00	0.00	5.00	343,932	0	0	343,932
Water Resources	36.00	0.00	6.00	42.00	2,846,888	0	63,030	2,909,918
Field Operations	258.00	0.00	0.00	258.00	17,151,928	0	0	17,151,928
Capital Projects	82.00	0.00	0.00	82.00	6,190,131	0	0	6,190,131
Water System Operations	108.00	0.00	0.00	108.00	6,978,901	0	0	6,978,901
Information Technology	57.00	0.00	1.00	58.00	4,365,315	0	40,455	4,405,770
Finance	42.00	0.00	0.00	42.00	2,720,743	0	0	2,720,743
Sum:	737.00	2.00	9.00	748.00	50,017,370	83,616	120,970	50,221,956

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Board of Water Supply
Operating Budget
Debt Service
Fiscal Year 2024

DEBT SERVICE

ISSUE	FY 2023 Actual	FY 2024 Budget	FY 2025 Budget
Water System Revenue Bonds:			
Series 2014 A & B	8,554,642	8,550,000	-
Series 2020 A & B	4,860,538	4,796,000	8,714,684
Series 2021 A & B	7,141,540	7,145,000	4,674,028
Series 2022 A & B	6,507,494	6,520,165	6,517,448
Series 2023	237,174	872,000	871,250
Series 2024	-	-	10,590,275
Debt Service - Bonds Payable	27,301,388	27,883,165	31,367,685
Notes Payable:			
SRF Loans	7,392,639	10,339,000	11,129,000
Debt Service - Notes Payable	7,392,639	10,339,000	11,129,000
Total	34,694,027	38,222,165	42,496,685

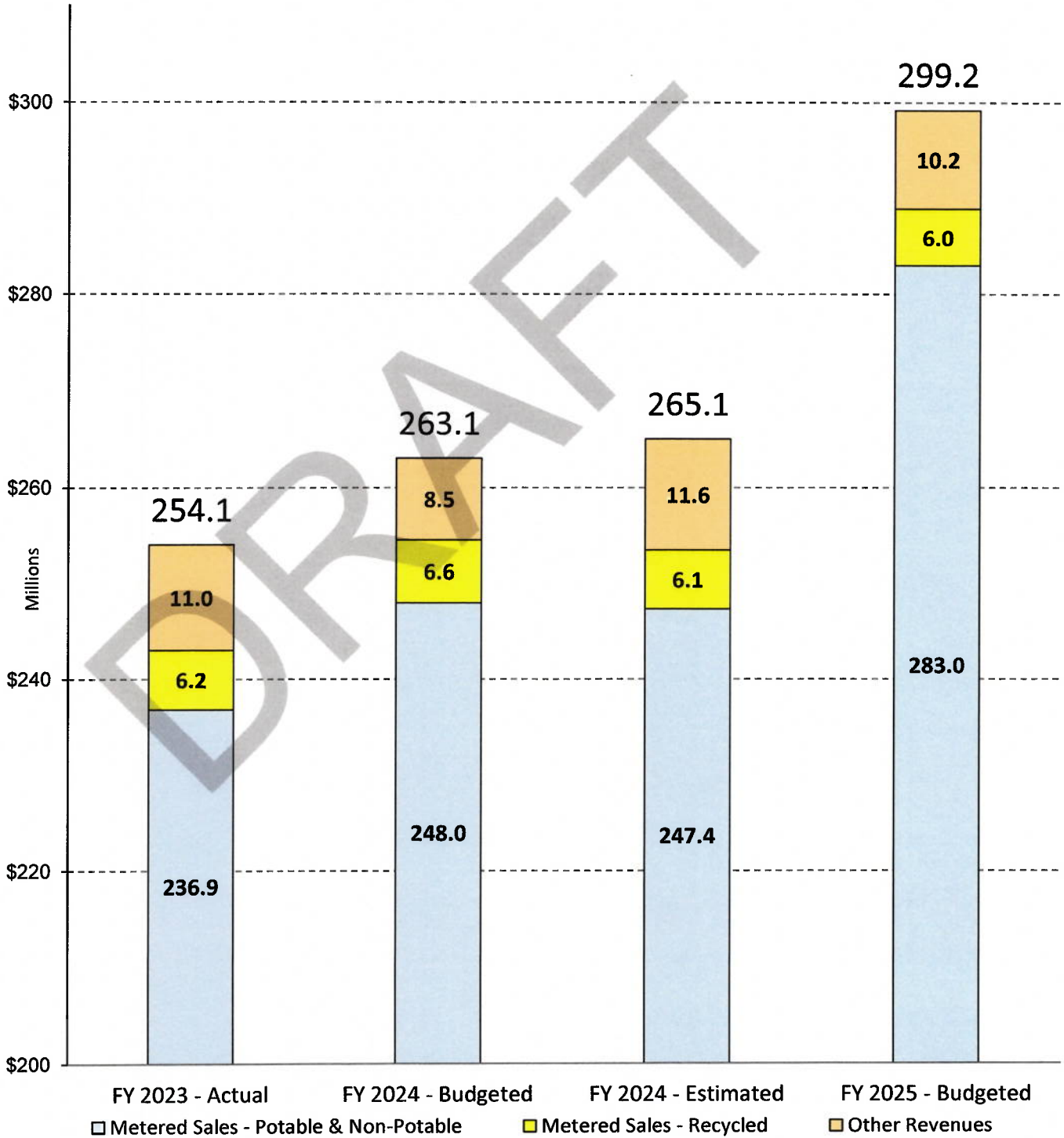
Bond Issues:

<u>Year Issued</u>	<u>Par Amount</u>	<u>Fiscal Year Expires</u>	<u>Years</u>
2014A	\$ 101,655,000	2031	17
2014B	\$ 25,085,000	2032	18
2020A	\$ 59,105,000	2050	30
2020B	\$ 47,530,000	2034	14
2021A	\$ 50,020,000	2051	30
2021B	\$ 43,515,000	2032	11
2022A	\$ 82,700,000	2052	30
2022B	\$ 52,560,000	2036	14
2023	\$ 17,425,000	2053	30
2024	\$ 72,815,000	2054	30

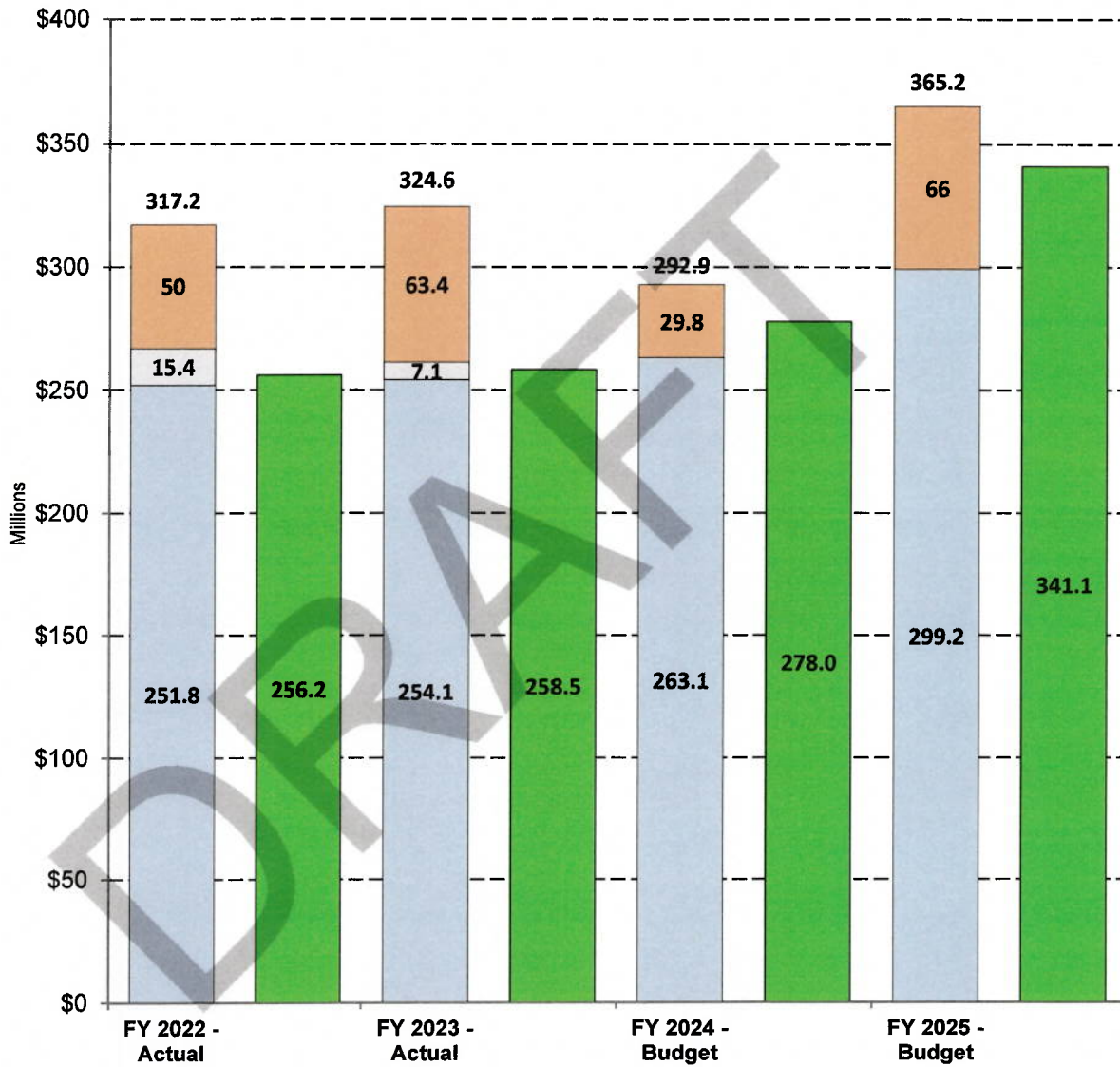
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**BOARD OF WATER SUPPLY
OPERATING FUND REVENUES
FISCAL YEAR 2025**



**BOARD OF WATER SUPPLY
TOTAL RESOURCES VS. TOTAL EXPENDITURES
FISCAL YEAR 2025**



□ Revenues

□ Lapses / Adjustments

□ Fund Balance

■ Expenditures

Fiscal Year 2025	
Fund Balance 7/1/2024	\$ 66,000,625
Revenues	\$ 299,200,000
Total Resources	\$ 365,200,625
Total Expenditures	\$ -341,079,998
Fund Balance 6/30/2025	\$ 24,120,627

**BOARD OF WATER SUPPLY
OPERATING BUDGET EXPENDITURES (INCLUDING CIP)
FISCAL YEAR 2025**



- Personnel Srv.
- MS&S
- Equipment
- Debt Service
- Fixed Charges
- CIP

Fiscal Year 2025	
CIP	\$ 68,460,000
Fixed Charges	\$ 71,773,352
Debt Service	\$ 42,496,685
Equipment	\$ 5,856,900
MS&S	\$ 88,283,961
Personnel Svcs.	\$ 64,209,100
Total	\$ 341,079,998

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PART I

**OPERATING
BUDGET**

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**Board of Water Supply
Operating Budget
Fiscal Year 2025**

OMCE - Manager's Office

Division/Office's Activity

The Manager and Chief Engineer is the executive head of the Board of Water Supply who administers the affairs of the department in accordance with policies and regulations adopted by the Board and the provisions of the City Charter.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	741,642	620,800	679,700	788,500	108,800
4120 - Overtime	12,169	2,000	2,000	15,000	13,000
4130 - Miscellaneous (Payroll)	19,702	0	0	80,000	80,000
Personnel Services	773,513	622,800	681,700	883,500	201,800
4160 - Meals; Mileage & Uniform Allowances	766	0	0	0	0
4250 - Other Contractual Services	5,133	24,600	4,600	4,600	0
4251 - Software Licenses and Maintenance	976	0	0	0	0
4255 - Other Services	4,424	58,800	58,800	58,800	0
4260 - Advertising & Publication of Notices	1,404	500	500	500	0
4265 - Printing	0	1,000	1,000	1,000	0
4270 - Professional Services	37,375	35,000	35,000	45,000	10,000
4430 - Miscellaneous Supplies	886	5,000	5,000	5,000	0
4460 - Other Materials & Supplies	11,553	10,000	10,000	10,000	0
4500 - Education and Training	754	0	1,400	1,400	0
4720 - Conference Travel & Expenses	653	37,640	37,500	39,800	2,300
4815 - Repair & Maint - Equipment	0	3,000	3,000	3,000	0
4910 - Miscellaneous Fees & Registration	335,821	210,510	226,060	248,060	22,000
Materials, Supplies and Services	399,744	386,050	382,860	417,160	34,300
Total OMCE - Manager's Office	1,173,257	1,008,850	1,064,560	1,300,660	236,100

Notes

**Board of Water Supply
Operating Budget
Fiscal Year 2025**

ESO - Executive Support Office

Division/Office's Activity

The Executive Support Office is responsible for the development of the annual departmental operating budget; ensures that procurement of all goods and services and construction are in compliance with Hawaii Revised Statutes (HRS)103D; and, administers the department's safety, risk management, and security programs.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	977,722	1,310,700	1,304,200	1,258,200	(46,000)
4120 - Overtime	106,150	57,000	124,000	60,000	(64,000)
4130 - Miscellaneous (Payroll)	6,123	0	0	0	0
Personnel Services	1,089,995	1,367,700	1,428,200	1,318,200	(110,000)
4160 - Meals; Mileage & Uniform Allowances	6,158	1,000	1,000	1,000	0
4250 - Other Contractual Services	3,043,695	3,227,850	3,385,650	3,778,730	393,080
4251 - Software Licenses and Maintenance	29,400	35,000	35,000	35,000	0
4265 - Printing	1,424	600	300	300	0
4270 - Professional Services	1,400,901	1,490,000	6,270,000	4,270,000	(2,000,000)
4430 - Miscellaneous Supplies	45,684	10,000	20,000	20,250	250
4460 - Other Materials & Supplies	231	0	0	0	0
4480 - Postage	32	0	0	0	0
4500 - Education and Training	59,913	14,675	40,335	65,835	25,500
4720 - Conference Travel & Expenses	400	500	500	40,500	40,000
4815 - Repair & Maint - Equipment	3,064	0	0	60,000	60,000
4910 - Miscellaneous Fees & Registration	2,151	3,350	3,350	3,350	0
5700 - Insurance	1,259,017	1,242,772	1,391,253	2,000,000	608,747
6340 - Workers Compensation Benefits	765,468	1,270,000	1,270,000	1,270,000	0
6350 - Claims for Pers Injuries & Prop Damage	1,070,958	1,250,000	1,250,000	1,250,000	0
8050 - Equipment (under \$5,000)	1,160	0	0	0	0
Materials, Supplies and Services	7,689,656	8,545,747	13,667,388	12,794,965	(872,423)
Total ESO - Executive Support Office	8,779,651	9,913,447	15,095,588	14,113,165	(982,423)

Notes

**Board of Water Supply
Operating Budget
Fiscal Year 2025**

ESO - Executive Support Office

5105 - Executive Support Office - Administration

Section's Activity

The Executive Support Office administers and manages programs in areas such as budget, position management, reorganization, procurement, security, risk management and safety.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	186,893	153,900	233,200	175,900	(57,300)
4120 - Overtime	910	2,500	2,500	2,500	0
4130 - Miscellaneous (Payroll)	1,000	0	0	0	0
Personnel Services	188,802	156,400	235,700	178,400	(57,300)
4160 - Meals; Mileage & Uniform Allowances	112	0	0	0	0
4250 - Other Contractual Services	19,924	23,020	17,020	20,800	3,780
4265 - Printing	1,133	0	0	0	0
4270 - Professional Services	185,700	220,000	5,220,000	3,220,000	(2,000,000)
4430 - Miscellaneous Supplies	35,775	3,000	3,000	3,000	0
4460 - Other Materials & Supplies	186	0	0	0	0
4500 - Education and Training	120	500	500	500	0
4720 - Conference Travel & Expenses	0	0	0	40,000	40,000
Materials, Supplies and Services	242,950	246,520	5,240,520	3,284,300	(1,956,220)
Total Executive Support Office - Administration	431,752	402,920	5,476,220	3,462,700	(2,013,520)

Budget Highlights

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ESO - Executive Support Office

5110 - Risk Management

Section's Activity

The Risk Management section provides risk management services that ensure the business and operational exposures of the BWS are covered through either insurance or self-retention policies. This section oversees the department's workers' compensation program. Additionally, the section ensures the safety and well-being of our employees through a comprehensive safety program and return-to-work program.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	254,556	343,700	364,800	380,100	15,300
4120 - Overtime	5,021	5,000	5,000	5,000	0
4130 - Miscellaneous (Payroll)	1,000	0	0	0	0
Personnel Services	260,577	348,700	369,800	385,100	15,300
4160 - Meals; Mileage & Uniform Allowances	820	500	500	500	0
4250 - Other Contractual Services	19,986	18,630	24,630	49,330	24,700
4270 - Professional Services	1,215,201	1,270,000	1,050,000	1,050,000	0
4430 - Miscellaneous Supplies	3,311	7,000	7,000	7,000	0
4500 - Education and Training	59,793	13,175	38,835	37,835	(1,000)
4720 - Conference Travel & Expenses	400	500	500	500	0
4910 - Miscellaneous Fees & Registration	2,151	3,350	3,350	3,350	0
5700 - Insurance	1,259,017	1,242,772	1,391,253	2,000,000	608,747
6340 - Workers Compensation Benefits	765,468	1,270,000	1,270,000	1,270,000	0
6350 - Claims for Pers Injuries & Prop Damage	1,070,958	1,250,000	1,250,000	1,250,000	0
Materials, Supplies and Services	4,397,106	5,075,927	5,036,068	5,668,515	632,447
Total Risk Management	4,657,683	5,424,627	5,405,868	6,053,615	647,747

Budget Highlights

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ESO - Executive Support Office

5120 - Security Office

Section's Activity

The Security section develops, coordinates, and maintains security measures and systems to protect BWS employees and facilities. It conducts vulnerability assessments, installs detection systems, and develops emergency response plans. This section oversees the development and installation of security enhancements and equipment for BWS facilities. Further, this section monitors facilities from the central security center through the use of security guards, cameras, sensor alarms, and ID cards. The section coordinates protective activities with external agencies such as the Honolulu Police and Fire Departments, State Civil Defense and Honolulu Department of Emergency Services, and other Homeland Security organizations.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	36,001	242,400	112,600	116,600	4,000
4120 - Overtime	338	6,500	6,500	6,500	0
4130 - Miscellaneous (Payroll)	1,000	0	0	0	0
Personnel Services	37,339	248,900	119,100	123,100	4,000
4160 - Meals; Mileage & Uniform Allowances	0	500	500	500	0
4250 - Other Contractual Services	3,003,555	3,186,200	3,344,000	3,708,600	364,600
4430 - Miscellaneous Supplies	6,096	0	10,000	10,000	0
4500 - Education and Training	0	0	0	25,000	25,000
4815 - Repair & Maint - Equipment	3,064	0	0	60,000	60,000
8050 - Equipment (under \$5,000)	1,160	0	0	0	0
Materials, Supplies and Services	3,013,875	3,186,700	3,354,500	3,804,100	449,600
Total Security Office	3,051,214	3,435,600	3,473,600	3,927,200	453,600

Budget Highlights

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ESO - Executive Support Office

5125 - Management and Budget

Section's Activity

The Management and Budget section is responsible for the development and execution of the annual operating budget. This section develops water and other revenue projections and conducts various revenue, budgetary, financial and statistical studies of the department.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	176,456	214,000	204,400	216,400	12,000
4120 - Overtime	390	3,000	3,000	3,000	0
4130 - Miscellaneous (Payroll)	2,073	0	0	0	0
Personnel Services	178,919	217,000	207,400	219,400	12,000
4251 - Software Licenses and Maintenance	29,400	35,000	35,000	35,000	0
4265 - Printing	291	600	300	300	0
4430 - Miscellaneous Supplies	263	0	0	250	250
4460 - Other Materials & Supplies	45	0	0	0	0
4500 - Education and Training	0	0	0	1,500	1,500
Materials, Supplies and Services	29,999	35,600	35,300	37,050	1,750
Total Management and Budget	208,918	252,600	242,700	256,450	13,750

Budget Highlights

**Board of Water Supply
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ESO - Executive Support Office

5140 - Procurement

Section's Activity

The Procurement section assists all BWS divisions and offices with the procurement of construction, goods, services, and professional services and to ensure that such procurements are conducted in accordance with Hawaii Revised Statutes Chapter 103D and the Hawaii Administrative Rules.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	323,817	356,700	389,200	369,200	(20,000)
4120 - Overtime	99,490	40,000	107,000	43,000	(64,000)
4130 - Miscellaneous (Payroll)	1,050	0	0	0	0
Personnel Services	424,358	396,700	496,200	412,200	(84,000)
4160 - Meals; Mileage & Uniform Allowances	5,226	0	0	0	0
4250 - Other Contractual Services	229	0	0	0	0
4430 - Miscellaneous Supplies	238	0	0	0	0
4480 - Postage	32	0	0	0	0
4500 - Education and Training	0	1,000	1,000	1,000	0
Materials, Supplies and Services	5,726	1,000	1,000	1,000	0
Total Procurement Section	430,083	397,700	497,200	413,200	(84,000)

Budget Highlights

**Board of Water Supply
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COMM - Communications Office

Division/Office's Activity

The Communications Office develops departmental policies and programs for strategic internal and external communications, including: community relations, water education and public information, news releases, speeches, bulletins, advertisements, public service announcements, brochures, annual and special reports; notifies news media of water emergencies; coordinates and maintains effective media communications programs for the department; receives, processes, and resolves complaints; develops and produces the employee newsletter; conducts orientations and manages the department's water education and facility tour program; coordinates community affairs programs and special events; and provides executive level strategic communications counsel and assistance to the Board, Manager, and departmental units in public affairs matters.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	860,486	788,400	874,600	899,100	24,500
4120 - Overtime	68,810	45,078	60,000	66,000	6,000
4130 - Miscellaneous (Payroll)	4,524	28,708	38,100	42,600	4,500
Personnel Services	933,820	862,186	972,700	1,007,700	35,000
4160 - Meals; Mileage & Uniform Allowances	988	2,500	1,200	1,500	300
4250 - Other Contractual Services	598,487	383,559	410,286	480,658	70,372
4251 - Software Licenses and Maintenance	32,545	23,516	24,583	18,417	(6,166)
4265 - Printing	29,228	47,100	25,300	59,200	33,900
4270 - Professional Services	38,811	59,200	46,200	20,000	(26,200)
4430 - Miscellaneous Supplies	7,969	2,176	2,352	2,981	629
4460 - Other Materials & Supplies	41,327	61,006	57,815	74,600	16,785
4480 - Postage	482	660	660	660	0
4500 - Education and Training	0	3,100	3,722	4,925	1,203
4815 - Repair & Maint - Equipment	0	1,080	1,080	1,080	0
4910 - Miscellaneous Fees & Registration	12,136	7,550	9,550	11,550	2,000
8050 - Equipment (under \$5,000)	4,007	4,233	11,024	5,989	(5,035)
Materials, Supplies and Services	765,978	595,680	593,772	681,560	87,788
Total COMM - Communications Office	1,699,799	1,457,866	1,566,472	1,689,260	122,788

Notes

**Board of Water Supply
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HRO - Human Resources Office

Division/Office's Activity

The Human Resources Office administers and manages BWS human resources programs in areas including recruitment, examination and selection, employee benefits, transactions and personnel record maintenance, labor relations, performance evaluation, classification and compensation, and staff development. In addition, it provides staff support for position management and review of reorganizations.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	568,385	627,500	668,300	695,500	27,200
4120 - Overtime	18,190	5,000	5,000	5,000	0
4130 - Miscellaneous (Payroll)	3,000	0	0	0	0
Personnel Services	589,576	632,500	673,300	700,500	27,200
4160 - Meals; Mileage & Uniform Allowances	602	300	300	300	0
4250 - Other Contractual Services	2,739	130,000	30,000	30,000	0
4260 - Advertising & Publication of Notices	2,267	5,000	10,000	30,000	20,000
4430 - Miscellaneous Supplies	3,293	2,500	2,500	2,500	0
4460 - Other Materials & Supplies	5,018	6,000	6,000	6,000	0
4480 - Postage	8	100	100	100	0
4500 - Education and Training	40,688	60,000	75,000	75,000	0
4720 - Conference Travel & Expenses	4,305	8,400	9,000	13,500	4,500
4815 - Repair & Maint - Equipment	138	550	550	550	0
4910 - Miscellaneous Fees & Registration	859	550	550	550	0
Materials, Supplies and Services	59,917	213,400	134,000	158,500	24,500
Total HRO - Human Resources Office	649,493	845,900	807,300	859,000	51,700

Notes

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WQ - Water Quality

Division/Office's Activity

The Water Quality Division ensures the department's compliance with all Federal and State drinking water regulations and environmental laws, rules and regulations, and manages special water quality studies.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	1,368,877	1,919,900	1,888,700	1,948,000	59,300
4120 - Overtime	167,439	200,000	150,000	240,000	90,000
4130 - Miscellaneous (Payroll)	14,377	0	0	42,000	42,000
Personnel Services	1,550,693	2,119,900	2,038,700	2,230,000	191,300
4160 - Meals; Mileage & Uniform Allowances	18,755	13,510	10,010	22,700	12,690
4250 - Other Contractual Services	1,517,241	940,800	1,197,800	2,642,400	1,444,600
4270 - Professional Services	10,584,741	12,191,000	3,435,000	1,975,000	(1,460,000)
4430 - Miscellaneous Supplies	294	2,500	2,500	3,800	1,300
4460 - Other Materials & Supplies	152,351	257,000	261,000	345,000	84,000
4500 - Education and Training	1,924	11,150	7,250	9,850	2,600
4720 - Conference Travel & Expenses	2,000	4,175	3,700	3,800	100
4815 - Repair & Maint - Equipment	25,893	39,250	28,000	25,000	(3,000)
4910 - Miscellaneous Fees & Registration	11,984	38,000	31,700	36,800	5,100
8050 - Equipment (under \$5,000)	74,247	1,000	18,150	43,050	24,900
Materials, Supplies and Services	12,389,431	13,498,385	4,995,110	5,107,400	112,290
1270 - General Plant & Equip (over \$5,000)	19,873	24,000	45,000	376,000	331,000
Equipment	19,873	24,000	45,000	376,000	331,000
Total WQ - Water Quality	13,959,997	15,642,285	7,078,810	7,713,400	634,590

Notes

**Board of Water Supply
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WQ - Water Quality

5250 - Water Quality Administration

Section's Activity

The Water Quality Administration section administers the department's compliance with all safe drinking water regulations, environmental laws, and rules and regulations.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	205,784	380,900	314,100	321,500	7,400
4120 - Overtime	0	0	0	5,000	5,000
4130 - Miscellaneous (Payroll)	3,637	0	0	0	0
Personnel Services	209,421	380,900	314,100	326,500	12,400
4160 - Meals; Mileage & Uniform Allowances	0	10	10	200	190
4250 - Other Contractual Services	7,042	20,000	20,000	15,000	(5,000)
4270 - Professional Services	10,584,741	12,030,000	3,240,000	1,790,000	(1,450,000)
4430 - Miscellaneous Supplies	5	500	500	500	0
4460 - Other Materials & Supplies	51,458	6,000	6,000	55,000	49,000
4500 - Education and Training	0	4,100	1,400	1,400	0
4720 - Conference Travel & Expenses	0	3,000	1,000	1,000	0
4815 - Repair & Maint - Equipment	4,801	2,000	2,000	5,000	3,000
4910 - Miscellaneous Fees & Registration	1,120	0	0	2,000	2,000
Materials, Supplies and Services	10,649,168	12,065,610	3,270,910	1,870,100	(1,400,810)
Total Water Quality Administration	10,858,590	12,446,510	3,585,010	2,196,600	(1,388,410)

Budget Highlights

**Board of Water Supply
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WQ - Water Quality

5251 - Chemical Laboratory

Section's Activity

The Chemical Laboratory performs required water quality testing and monitoring to conform to federal and state regulations and monitors proposed rules for departmental impact. This section supports the department's operational testing requirements and special water quality studies.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	431,645	608,900	576,700	594,800	18,100
4120 - Overtime	67,328	50,000	50,000	85,000	35,000
4130 - Miscellaneous (Payroll)	3,000	0	0	32,000	32,000
Personnel Services	501,973	658,900	626,700	711,800	85,100
4160 - Meals; Mileage & Uniform Allowances	1,933	1,500	1,500	2,500	1,000
4250 - Other Contractual Services	1,495,925	901,300	1,160,300	2,609,600	1,449,300
4270 - Professional Services	0	86,000	105,000	95,000	(10,000)
4430 - Miscellaneous Supplies	265	2,000	2,000	2,000	0
4460 - Other Materials & Supplies	49,940	45,000	45,000	55,000	10,000
4500 - Education and Training	1,924	3,250	3,050	4,450	1,400
4720 - Conference Travel & Expenses	1,000	200	1,500	1,600	100
4815 - Repair & Maint - Equipment	21,092	15,750	16,000	16,000	0
4910 - Miscellaneous Fees & Registration	292	9,100	9,800	9,800	0
8050 - Equipment (under \$5,000)	0	1,000	7,350	4,750	(2,600)
Materials, Supplies and Services	1,572,370	1,065,100	1,351,500	2,800,700	1,449,200
1270 - General Plant & Equip (over \$5,000)	0	0	0	340,000	340,000
Equipment	0	0	0	340,000	340,000
Total Chemical Laboratory	2,074,343	1,724,000	1,978,200	3,852,500	1,874,300

Budget Highlights

**Board of Water Supply
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WQ - Water Quality

5252 - Microbiological Laboratory

Section's Activity

The Microbiological Laboratory performs the required bacteriological water quality testing and monitoring to conform to federal and state regulations and monitors proposed rules for departmental impact. This section supports the department's operational testing requirements and special water quality studies.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	502,719	644,300	688,500	707,600	19,100
4120 - Overtime	23,560	50,000	0	50,000	50,000
4130 - Miscellaneous (Payroll)	4,000	0	0	5,000	5,000
Personnel Services	530,279	694,300	688,500	762,600	74,100
4160 - Meals; Mileage & Uniform Allowances	14,472	5,000	5,000	15,000	10,000
4250 - Other Contractual Services	6,658	12,500	10,500	8,800	(1,700)
4270 - Professional Services	0	75,000	90,000	90,000	0
4430 - Miscellaneous Supplies	24	0	0	1,300	1,300
4460 - Other Materials & Supplies	50,953	70,000	75,000	100,000	25,000
4500 - Education and Training	0	2,800	2,800	2,800	0
4720 - Conference Travel & Expenses	1,000	975	1,200	1,200	0
4815 - Repair & Maint - Equipment	0	4,000	5,000	4,000	(1,000)
4910 - Miscellaneous Fees & Registration	10,573	27,900	20,900	24,000	3,100
8050 - Equipment (under \$5,000)	0	0	4,000	38,300	34,300
Materials, Supplies and Services	83,679	198,175	214,400	285,400	71,000
1270 - General Plant & Equip (over \$5,000)	19,873	24,000	0	36,000	36,000
Equipment	19,873	24,000	0	36,000	36,000
Total Microbiological Laboratory	633,831	916,475	902,900	1,084,000	181,100

Budget Highlights

**Board of Water Supply
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WQ - Water Quality

5255 - Cross-Connection Control

Section's Activity

The Cross-Connection Control section manages and implements the department's Cross-Connection Control Program, reviews construction plans for cross-connection control requirements, conducts agricultural rate inspections, inspects backflow prevention assembly installations, administers the annual backflow prevention assembly testing program, conducts the backflow prevention assembly tester training course, tests and maintains the department's backflow prevention assemblies, performs public outreach/education on cross-connection control and backflow prevention.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	228,729	285,800	309,400	324,100	14,700
4120 - Overtime	76,552	100,000	100,000	100,000	0
4130 - Miscellaneous (Payroll)	3,739	0	0	5,000	5,000
Personnel Services	309,020	385,800	409,400	429,100	19,700
4160 - Meals; Mileage & Uniform Allowances	2,350	7,000	3,500	5,000	1,500
4250 - Other Contractual Services	7,617	7,000	7,000	9,000	2,000
4460 - Other Materials & Supplies	0	136,000	135,000	135,000	0
4500 - Education and Training	0	1,000	0	1,200	1,200
4815 - Repair & Maint - Equipment	0	17,500	5,000	0	(5,000)
4910 - Miscellaneous Fees & Registration	0	1,000	1,000	1,000	0
8050 - Equipment (under \$5,000)	74,247	0	6,800	0	(6,800)
Materials, Supplies and Services	84,213	169,500	158,300	151,200	(7,100)
Total Cross-Connection Control	393,234	555,300	567,700	580,300	12,600

Budget Highlights

**Board of Water Supply
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CC - Customer Care

Division/Office's Activity

The Customer Care Division handles contacts with customers; prepares applications and contracts for water service; designs service connections; maintains accounts receivable; investigates consumers' service problems; and collects water and sewer bills. It is responsible for reviewing development construction plans, specifications, and reports for conformity with BWS standards; reviewing requests concerning the availability of water; and administering rules and regulations on cross-connection control and environmental requirements.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	3,003,236	3,650,200	3,772,000	4,027,000	255,000
4120 - Overtime	227,196	378,600	354,500	355,930	1,430
4130 - Miscellaneous (Payroll)	112,480	146,000	151,700	97,300	(54,400)
Personnel Services	3,342,911	4,174,800	4,278,200	4,480,230	202,030
4160 - Meals; Mileage & Uniform Allowances	13,733	25,800	23,410	23,110	(300)
4220 - Collection Fees	567,101	850,240	857,440	890,300	32,860
4250 - Other Contractual Services	63,682	66,300	70,100	73,220	3,120
4410 - Gasoline	76	0	0	0	0
4430 - Miscellaneous Supplies	21,103	32,400	29,000	26,000	(3,000)
4460 - Other Materials & Supplies	4,803	14,000	14,000	9,000	(5,000)
4480 - Postage	30,037	30,000	27,000	22,000	(5,000)
4815 - Repair & Maint - Equipment	2,320	24,400	10,000	5,000	(5,000)
4910 - Miscellaneous Fees & Registration	1,886	7,900	10,700	10,600	(100)
8050 - Equipment (under \$5,000)	10,337	26,300	29,900	35,000	5,100
Materials, Supplies and Services	715,078	1,077,340	1,071,550	1,094,230	22,680
1270 - General Plant & Equip (over \$5,000)	39,690	11,000	12,000	91,600	79,600
Equipment	39,690	11,000	12,000	91,600	79,600
Total CC - Customer Care	4,097,679	5,263,140	5,361,750	5,666,060	304,310

Notes

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CC - Customer Care

5300 - Customer Care Administration

Section's Activity

The Customer Care Administration section directs the affairs of the division and provides clerical support to other sections.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	311,972	367,800	417,900	433,600	15,700
4120 - Overtime	5,168	30,000	29,500	29,500	0
4130 - Miscellaneous (Payroll)	3,011	0	1,000	1,000	0
Personnel Services	320,151	397,800	448,400	464,100	15,700
4160 - Meals; Mileage & Uniform Allowances	0	0	120	120	0
4220 - Collection Fees	21	0	0	0	0
4250 - Other Contractual Services	13,117	15,400	15,400	15,400	0
4430 - Miscellaneous Supplies	21,103	30,000	26,000	26,000	0
4460 - Other Materials & Supplies	9	1,000	1,000	0	(1,000)
4480 - Postage	30,017	30,000	27,000	22,000	(5,000)
4910 - Miscellaneous Fees & Registration	400	900	900	1,600	700
8050 - Equipment (under \$5,000)	2,225	0	0	0	0
Materials, Supplies and Services	66,892	77,300	70,420	65,120	(5,300)
Total Customer Care Administration	387,043	475,100	518,820	529,220	10,400

Budget Highlights

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CC - Customer Care

5310 - Collection and Credit

Section's Activity

The Collection and Credit section formulates and establishes collection and credit practices and procedures; maintains cashier services for payment of water and sewer bills; processes payments made by mail and through charge cards, E-bill, automatic bill payment, and Satellite City Halls; maintains records of delinquent and inactive accounts; performs all field collection and customer service work required to maintain an effective billing and collection program.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	512,851	670,600	651,900	731,500	79,600
4120 - Overtime	19,132	36,000	25,500	26,930	1,430
4130 - Miscellaneous (Payroll)	48,476	43,000	18,600	26,200	7,600
Personnel Services	580,459	749,600	696,000	784,630	88,630
4160 - Meals; Mileage & Uniform Allowances	1,204	2,400	2,890	2,590	(300)
4220 - Collection Fees	567,080	850,240	857,440	890,300	32,860
4250 - Other Contractual Services	11,535	14,200	15,800	13,620	(2,180)
4430 - Miscellaneous Supplies	0	2,400	3,000	0	(3,000)
4460 - Other Materials & Supplies	51	0	0	0	0
4480 - Postage	20	0	0	0	0
4910 - Miscellaneous Fees & Registration	35	0	0	0	0
Materials, Supplies and Services	579,925	869,240	879,130	906,510	27,380
Total Collection and Credit	1,160,384	1,618,840	1,575,130	1,691,140	116,010

Budget Highlights

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CC - Customer Care

5320 - Service Engineering

Section's Activity

The Service Engineering section receives and processes applications for new water service and for relocating or altering water service facilities; renews and approves building permit applications for various types of developments; designs service connections, reviews development and construction plans for water service facilities, maintains maps and records of water distribution and service facilities; performs drafting work for the division; conducts special water service studies; administers water system facilities charges.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	294,210	388,800	354,500	458,800	104,300
4120 - Overtime	8,577	20,000	17,000	17,000	0
4130 - Miscellaneous (Payroll)	3,000	18,000	20,000	20,000	0
Personnel Services	305,787	426,800	391,500	495,800	104,300
4160 - Meals; Mileage & Uniform Allowances	24	0	0	0	0
4250 - Other Contractual Services	486	600	600	500	(100)
4460 - Other Materials & Supplies	1,875	2,000	2,000	2,000	0
4910 - Miscellaneous Fees & Registration	0	0	1,400	1,400	0
Materials, Supplies and Services	2,385	2,600	4,000	3,900	(100)
Total Service Engineering	308,172	429,400	395,500	499,700	104,200

Budget Highlights

**Board of Water Supply
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Fiscal Year 2025**

CC - Customer Care

5330 - Customer Service and Records

Section's Activity

The Customer Service and Records section services customers' applications requiring reestablishment, discontinuance or transfer of services; maintains customer records for billing purposes; initiates field investigations; reviews governmental agency water service contracts; prepares statistical reports on services and handles inquiries and complaints regarding BWS operations, policies, rates, and high water bills. Assists BWS personnel in other divisions with information, statistics, and status of accounts via computer terminals and services files.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	717,829	1,042,500	1,080,600	1,173,200	92,600
4120 - Overtime	4,801	52,600	42,500	42,500	0
4130 - Miscellaneous (Payroll)	37,326	15,000	4,100	4,100	0
Personnel Services	759,956	1,110,100	1,127,200	1,219,800	92,600
4160 - Meals; Mileage & Uniform Allowances	179	3,000	0	0	0
4250 - Other Contractual Services	283	600	600	500	(100)
Materials, Supplies and Services	462	3,600	600	500	(100)
Total Customer Service and Records	760,418	1,113,700	1,127,800	1,220,300	92,500

Budget Highlights

**Board of Water Supply
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Fiscal Year 2025**

CC - Customer Care

5350 - Investigation

Section's Activity

The Investigation section investigates and determines causes of abnormalities, interruptions and reductions in water supply; investigates consumer complaints; locates underground piping systems; locates leaks; inspects water services for conformance to the department's rules and regulations; and obtains field data on water services.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	1,166,374	1,180,500	1,267,100	1,229,900	(37,200)
4120 - Overtime	189,518	240,000	240,000	240,000	0
4130 - Miscellaneous (Payroll)	20,667	70,000	108,000	46,000	(62,000)
Personnel Services	1,376,558	1,490,500	1,615,100	1,515,900	(99,200)
4160 - Meals; Mileage & Uniform Allowances	12,326	20,400	20,400	20,400	0
4250 - Other Contractual Services	38,261	35,500	37,700	43,200	5,500
4410 - Gasoline	76	0	0	0	0
4460 - Other Materials & Supplies	2,868	11,000	11,000	7,000	(4,000)
4815 - Repair & Maint - Equipment	2,320	24,400	10,000	5,000	(5,000)
4910 - Miscellaneous Fees & Registration	1,451	7,000	8,400	7,600	(800)
8050 - Equipment (under \$5,000)	8,112	26,300	29,900	35,000	5,100
Materials, Supplies and Services	65,414	124,600	117,400	118,200	800
1270 - General Plant & Equip (over \$5,000)	39,690	11,000	12,000	91,600	79,600
Equipment	39,690	11,000	12,000	91,600	79,600
Total Investigation	1,481,662	1,626,100	1,744,500	1,725,700	(18,800)

Budget Highlights

**Board of Water Supply
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Fiscal Year 2025**

LAND - Land

Division/Office's Activity

The Land Division is responsible for acquiring water rights, land and land interests by purchase, eminent domain, lease or otherwise; conducts or contracts title searches; prepares or secures surveys, maps and descriptions for land transactions; makes and/or contracts for land appraisals and analyzes those made by others; contracts and negotiates with private parties and governmental agencies to acquire water rights, land and land interests; prepares, checks and processes deeds, easements, leases, licenses, agreements and other documents through to final execution and recordation; administers all lands under the jurisdiction of the departments including recommendations on land use policies and carrying out the disposition of land and land interests, licenses, leases and easements; keeps abreast of laws and court decisions affecting water rights and land values.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	324,274	311,600	323,600	343,900	20,300
4120 - Overtime	13,406	27,000	27,000	31,400	4,400
4130 - Miscellaneous (Payroll)	5,530	0	0	0	0
Personnel Services	343,210	338,600	350,600	375,300	24,700
4160 - Meals; Mileage & Uniform Allowances	96	1,000	1,000	1,000	0
4210 - Appraisals; Title Searches & Related Costs	4,251	110,400	102,100	102,100	0
4250 - Other Contractual Services	18,748	14,100	14,100	14,100	0
4430 - Miscellaneous Supplies	336	600	300	300	0
4460 - Other Materials & Supplies	68	0	0	0	0
4480 - Postage	0	200	100	100	0
4815 - Repair & Maint - Equipment	0	100	0	0	0
4910 - Miscellaneous Fees & Registration	15,415	20,700	20,700	20,800	100
Materials, Supplies and Services	38,914	147,100	138,300	138,400	100
Total LAND - Land	382,124	485,700	488,900	513,700	24,800

Notes

**Board of Water Supply
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WR - Water Resources

Division/Office's Activity

The Water Resources Division administers and coordinates long range planning and the capital program; conducts continuous hydrologic and geologic monitoring; conducts hydraulic water system analysis for infrastructure improvements and operational efficiency; administers and coordinates the review of development related proposals for the availability of water and water system adequacy; and, administers the water conservation and recycled water programs.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	2,271,857	2,585,400	2,749,200	2,909,900	160,700
4120 - Overtime	47,344	134,406	123,713	148,148	24,435
4130 - Miscellaneous (Payroll)	48,226	4,728	5,100	47,722	42,622
Personnel Services	2,367,427	2,724,534	2,878,013	3,105,770	227,757
4160 - Meals; Mileage & Uniform Allowances	1,771	4,526	4,193	4,613	420
4250 - Other Contractual Services	1,543,328	509,210	524,280	560,920	36,640
4255 - Other Services	132,458	1,046,276	1,109,646	1,367,781	258,135
4260 - Advertising & Publication of Notices	754	0	0	0	0
4265 - Printing	191	1,000	1,000	1,000	0
4270 - Professional Services	2,331,012	2,524,032	3,275,916	4,302,461	1,026,545
4430 - Miscellaneous Supplies	5,791	5,000	5,000	5,000	0
4460 - Other Materials & Supplies	21,990	73,900	84,500	90,800	6,300
4480 - Postage	0	480	480	480	0
4500 - Education and Training	4,268	13,080	11,100	6,900	(4,200)
4680 - Telephone	0	12,000	0	0	0
4720 - Conference Travel & Expenses	9,395	37,840	23,900	20,725	(3,175)
4808 - Repair, Maintenance and Other Services - Photovoltaic (PV)	430,000	495,000	505,000	517,441	12,441
4810 - Repair & Maint - Recycled Water Plt	935,128	957,428	1,028,277	1,317,408	289,131
4815 - Repair & Maint - Equipment	690	39,608	50,364	55,364	5,000
4910 - Miscellaneous Fees & Registration	154	0	0	1,200	1,200
4920 - Non-Potable Water Trtmt Plt Costs	5,148,738	4,838,161	5,704,886	5,936,029	231,143
4940 - US Geol Surv (USGS) CoOp Invest	196,959	885,000	410,000	260,000	(150,000)
8050 - Equipment (under \$5,000)	11,863	198,000	149,000	141,050	(7,950)
Materials, Supplies and Services	10,774,491	11,640,541	12,887,542	14,589,172	1,701,630
1270 - General Plant & Equip (over \$5,000)	38,188	50,000	50,000	87,000	37,000
Equipment	38,188	50,000	50,000	87,000	37,000
Total WR - Water Resources	13,180,106	14,415,075	15,815,555	17,781,942	1,966,387

Notes

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WR - Water Resources

5450 - Water Resources Administration

Section's Activity

The Water Resources Administration section coordinates and directs the activities of the Division to meet the departmental requirements for water system and water resources management and development, conservation and protection; advises and keeps management informed on water resources and administers the pertinent rules and regulations.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	407,922	385,800	410,600	473,100	62,500
4120 - Overtime	0	2,000	2,000	2,000	0
4130 - Miscellaneous (Payroll)	5,439	0	0	0	0
Personnel Services	413,361	387,800	412,600	475,100	62,500
4250 - Other Contractual Services	308,116	0	1,200	5,400	4,200
4260 - Advertising & Publication of Notices	754	0	0	0	0
4265 - Printing	191	0	0	0	0
4270 - Professional Services	497,532	950,000	1,800,000	1,155,000	(645,000)
4430 - Miscellaneous Supplies	5,771	5,000	5,000	5,000	0
4500 - Education and Training	125	0	0	0	0
4720 - Conference Travel & Expenses	1,190	6,060	1,950	1,700	(250)
4815 - Repair & Maint - Equipment	104	500	500	500	0
Materials, Supplies and Services	813,783	961,560	1,808,650	1,167,600	(641,050)
1270 - General Plant & Equip (over \$5,000)	0	0	0	37,000	37,000
Equipment	0	0	0	37,000	37,000
Total Water Resources Administration	1,227,144	1,349,360	2,221,250	1,679,700	(541,550)

Budget Highlights

**Board of Water Supply
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WR - Water Resources

5470 - Water System Planning

Section's Activity

The Water Systems Planning section supports the functions of the Water Resources Division and other divisions by analyzing the feasibility of proposed capital projects and water system improvements using computer hydraulic models; verifying source contribution for the annual Consumer Confidence Report; developing specialized computer hydraulic models and analyzing operational scenarios; implementing/ assisting with the investigation and resolution of customer complaints of inadequate water service; coordinating the acquisition and evaluation of private water systems; and gathering real-time operational data for analysis and evaluation.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	375,716	406,500	477,800	509,500	31,700
4120 - Overtime	1,609	8,645	5,016	3,438	(1,578)
4130 - Miscellaneous (Payroll)	26,627	0	0	42,566	42,566
Personnel Services	403,952	415,145	482,816	555,504	72,688
4160 - Meals; Mileage & Uniform Allowances	0	880	400	600	200
4250 - Other Contractual Services	101,522	118,710	103,300	102,060	(1,240)
4460 - Other Materials & Supplies	442	1,800	1,800	1,800	0
4480 - Postage	0	480	480	480	0
4500 - Education and Training	300	8,500	9,500	4,800	(4,700)
4720 - Conference Travel & Expenses	2,930	13,620	4,950	5,025	75
4815 - Repair & Maint - Equipment	586	9,108	9,864	9,864	0
8050 - Equipment (under \$5,000)	11,863	0	11,000	1,250	(9,750)
Materials, Supplies and Services	117,643	153,098	141,294	125,879	(15,415)
Total Water System Planning	521,595	568,243	624,110	681,383	57,273

Budget Highlights

**Board of Water Supply
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WR - Water Resources

5472 - Water Conservation

Section's Activity

The Water Conservation section directs the water conservation activities of the department; conducts the planning, engineering, research, development, and implementation of the department's external (demand-side) and internal (infrastructure) conservation programs, including water facilities energy conservation and efficiency programs and recycled and other non-potable water programs.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	359,619	439,800	472,900	478,500	5,600
4120 - Overtime	9,341	46,529	19,820	23,368	3,548
4130 - Miscellaneous (Payroll)	4,238	0	0	0	0
Personnel Services	373,198	486,329	492,720	501,868	9,148
4160 - Meals; Mileage & Uniform Allowances	621	1,000	1,003	1,203	200
4250 - Other Contractual Services	4,013	0	4,320	0	(4,320)
4270 - Professional Services	1,550,883	1,574,032	1,475,916	1,647,461	171,545
4430 - Miscellaneous Supplies	8	0	0	0	0
4460 - Other Materials & Supplies	2,999	11,250	11,250	11,250	0
4500 - Education and Training	0	1,600	0	0	0
4720 - Conference Travel & Expenses	2,700	11,240	4,000	3,100	(900)
4808 - Repair, Maintenance and Other Services - Photovoltaic (PV)	430,000	495,000	505,000	517,441	12,441
8050 - Equipment (under \$5,000)	0	75,000	0	0	0
Materials, Supplies and Services	1,991,225	2,169,122	2,001,489	2,180,455	178,966
Total Water Conservation	2,364,422	2,655,451	2,494,209	2,682,323	188,114

Budget Highlights

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WR - Water Resources

5475 - Recycled Water

Section's Activity

The Recycled Water program is responsible for the treatment and distribution of recycled water for beneficial reuse island-wide; the construction, acquisition, and operation of recycled water treatment and distribution infrastructure; long-term service and support agreements with large water users; and to conduct research and provide public outreach to promote acceptance of recycled water.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4250 - Other Contractual Services	236,028	240,000	252,000	290,000	38,000
4810 - Repair & Maint - Recycled Water Plt	935,128	957,428	1,028,277	1,317,408	289,131
4920 - Non-Potable Water Trtmnt Plt Costs	5,148,738	4,838,161	5,704,886	5,936,029	231,143
Materials, Supplies and Services	6,319,894	6,035,589	6,985,163	7,543,437	558,274
Total Recycled Water	6,319,894	6,035,589	6,985,163	7,543,437	558,274

Budget Highlights

DRAFT

**Board of Water Supply
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WR - Water Resources

5480 - Hydrology-Geology

Section's Activity

The Hydrology-Geology section is responsible for water resource monitoring and evaluation. The section collects and analyzes hydrologic and geologic data to manage resources, to identify new sources, to determine capacity of groundwater resources and aquifer properties. Plans and specifications are prepared for the drilling, testing, and sealing of wells of varying utility. The data collection unit collects rainfall, production and water level data, and conducts geophysical well profiles. These compiled data as well as hydrologic advice provided by staff is given to other sections, units, agencies and the public as requested. The data is used for the preparation of source development and management reports and studies. Watershed related programs and activities are administered through the watershed coordinator.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	384,786	514,900	480,300	500,000	19,700
4120 - Overtime	16,319	39,042	42,524	43,589	1,065
4130 - Miscellaneous (Payroll)	8,049	4,728	5,100	5,156	56
Personnel Services	409,154	558,670	527,924	548,745	20,821
4160 - Meals; Mileage & Uniform Allowances	778	1,000	1,000	1,000	0
4250 - Other Contractual Services	893,227	150,000	162,000	162,000	0
4255 - Other Services	132,458	1,046,276	1,109,646	1,367,781	258,135
4265 - Printing	0	1,000	1,000	1,000	0
4270 - Professional Services	282,597	0	0	0	0
4430 - Miscellaneous Supplies	12	0	0	0	0
4460 - Other Materials & Supplies	18,549	59,200	70,400	76,200	5,800
4500 - Education and Training	3,425	1,600	1,600	1,600	0
4680 - Telephone	0	12,000	0	0	0
4720 - Conference Travel & Expenses	0	900	10,400	7,200	(3,200)
4815 - Repair & Maint - Equipment	0	30,000	40,000	45,000	5,000
4910 - Miscellaneous Fees & Registration	154	0	0	1,200	1,200
4940 - US Geol Surv (USGS) CoOp Invest	196,959	885,000	410,000	260,000	(150,000)
8050 - Equipment (under \$5,000)	0	123,000	138,000	138,000	0
Materials, Supplies and Services	1,528,160	2,309,976	1,944,046	2,060,981	116,935
1270 - General Plant & Equip (over \$5,000)	38,188	50,000	50,000	50,000	0
Equipment	38,188	50,000	50,000	50,000	0
Total Hydrology-Geology	1,975,502	2,918,646	2,521,970	2,659,726	137,756

Budget Highlights

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WR - Water Resources

5490 - Project Review

Section's Activity

The Project Review section reviews all requests concerning the availability of water; reviews all water master plans of private and public developments; provides system pressure and flow data; evaluates existing system facilities to ascertain capacities required to support proposed private and public developments; and maintains the files of outstanding water commitments.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	374,033	388,900	438,700	435,500	(3,200)
4120 - Overtime	4,095	4,330	7,753	7,753	0
4130 - Miscellaneous (Payroll)	2,238	0	0	0	0
Personnel Services	380,366	393,230	446,453	443,253	(3,200)
4160 - Meals; Mileage & Uniform Allowances	84	576	720	720	0
4250 - Other Contractual Services	422	0	0	0	0
4460 - Other Materials & Supplies	0	1,000	400	900	500
4500 - Education and Training	418	750	0	500	500
4720 - Conference Travel & Expenses	1,425	3,000	1,500	1,500	0
8050 - Equipment (under \$5,000)	0	0	0	1,800	1,800
Materials, Supplies and Services	2,349	5,326	2,620	5,420	2,800
Total Project Review	382,715	398,556	449,073	448,673	(400)

Budget Highlights

**Board of Water Supply
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WR - Water Resources

5495 - Long Range Planning

Section's Activity

The Long-Range Planning section develops master and long-range plans for water system improvements to meet departmental goals and objectives; prepares population projections and estimates of future water requirements; and prepares, prioritizes, and justifies related Capital Program projects.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	369,781	449,500	468,900	513,300	44,400
4120 - Overtime	15,980	33,860	46,600	68,000	21,400
4130 - Miscellaneous (Payroll)	1,635	0	0	0	0
Personnel Services	387,396	483,360	515,500	581,300	65,800
4160 - Meals; Mileage & Uniform Allowances	288	1,070	1,070	1,090	20
4250 - Other Contractual Services	0	500	1,460	1,460	0
4270 - Professional Services	0	0	0	1,500,000	1,500,000
4460 - Other Materials & Supplies	0	650	650	650	0
4500 - Education and Training	0	630	0	0	0
4720 - Conference Travel & Expenses	1,150	3,020	1,100	2,200	1,100
Materials, Supplies and Services	1,438	5,870	4,280	1,505,400	1,501,120
Total Long Range Planning	388,834	489,230	519,780	2,086,700	1,566,920

Budget Highlights

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FO - Field Operations

Division/Office's Activity

The Field Operations Division is responsible for the maintenance of all waterworks facilities including all pipelines, valves, fire hydrants, meters, Automated Meter Reading (AMR) components, and corporation yards; maintaining all grounds; installing, maintaining, and repairing service connections; maintaining office buildings; and physical control of the storerooms and storage yards.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	11,614,143	14,765,900	16,040,300	17,208,100	1,167,800
4120 - Overtime	2,068,312	2,425,000	2,245,500	2,502,000	256,500
4130 - Miscellaneous (Payroll)	531,442	984,600	872,800	872,800	0
Personnel Services	14,213,898	18,175,500	19,158,600	20,582,900	1,424,300
1110 - Materials & Supplies (Storeroom)	2,647,338	2,420,000	3,146,000	3,120,000	(26,000)
1120 - Meters (Storeroom)	314,373	2,375,000	2,275,000	2,275,000	0
1125 - AMR Materials & Supplies (Storeroom)	29,375	250,000	150,000	750,000	600,000
4160 - Meals; Mileage & Uniform Allowances	107,874	135,500	131,500	134,500	3,000
4230 - Emergency & Contracted Road Repairs	5,127,453	8,000,000	7,200,000	7,200,000	0
4250 - Other Contractual Services	3,308,319	2,758,000	2,453,000	3,678,000	1,225,000
4270 - Professional Services	5,453	325,000	75,000	100,000	25,000
4280 - Refuse Collection & Disposal	891,695	1,200,000	1,200,000	1,200,000	0
4410 - Gasoline	300	0	0	0	0
4420 - Hauling Charges	3,766	50,000	50,000	50,000	0
4430 - Miscellaneous Supplies	8,460	10,000	10,000	10,000	0
4460 - Other Materials & Supplies	297,480	526,000	526,000	541,000	15,000
4470 - Parts and Accessories	2,793	0	0	0	0
4500 - Education and Training	2,631	45,000	45,000	45,000	0
4720 - Conference Travel & Expenses	2,575	40,000	6,000	6,000	0
4805 - Repair & Maint - Structures	78,233	60,000	60,000	505,000	445,000
4815 - Repair & Maint - Equipment	15,227	38,000	38,000	38,000	0
4910 - Miscellaneous Fees & Registration	616	0	0	0	0
4923 - Store Materials & Expense	597,264	800,000	800,000	800,000	0
8050 - Equipment (under \$5,000)	79,030	133,990	199,235	81,280	(117,955)
Materials, Supplies and Services	13,520,256	19,166,490	18,364,735	20,533,780	2,169,045
1270 - General Plant & Equip (over \$5,000)	24,856	39,500	52,900	132,900	80,000
Equipment	24,856	39,500	52,900	132,900	80,000
Total FO - Field Operations	27,759,009	37,381,490	37,576,235	41,249,580	3,673,345

Notes

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FO - Field Operations

5500 - Field Operations Administration

Section's Activity

The Field Operations Administration section directs the affairs of the Field Operations Division.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	300,401	383,100	427,200	445,600	18,400
4120 - Overtime	0	10,000	10,000	10,000	0
4130 - Miscellaneous (Payroll)	3,000	10,000	10,000	10,000	0
Personnel Services	303,401	403,100	447,200	465,600	18,400
4160 - Meals; Mileage & Uniform Allowances	0	5,000	1,000	1,000	0
4230 - Emergency & Contracted Road Repairs	5,127,453	8,000,000	7,200,000	7,200,000	0
4250 - Other Contractual Services	790,150	325,000	625,000	725,000	100,000
4270 - Professional Services	5,453	325,000	75,000	100,000	25,000
4280 - Refuse Collection & Disposal	891,695	1,200,000	1,200,000	1,200,000	0
4430 - Miscellaneous Supplies	1,273	0	0	0	0
4460 - Other Materials & Supplies	833	0	0	0	0
4500 - Education and Training	2,097	45,000	45,000	45,000	0
4720 - Conference Travel & Expenses	2,575	40,000	6,000	6,000	0
4805 - Repair & Maint - Structures	12,043	0	0	25,000	25,000
8050 - Equipment (under \$5,000)	6,537	13,750	0	0	0
Materials, Supplies and Services	6,840,109	9,953,750	9,152,000	9,302,000	150,000
1270 - General Plant & Equip (over \$5,000)	0	0	0	50,000	50,000
Equipment	0	0	0	50,000	50,000
Total Field Operations Administration	7,143,510	10,356,850	9,599,200	9,817,600	218,400

Budget Highlights

**Board of Water Supply
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FO - Field Operations

5525 - Engineering & Technical Support

Section's Activity

The Engineering and Technical Support section is responsible for the leak detection program; prepares plans and specifications, implements, and inspects the Indefinite Delivery Indefinite Quantity repaving work by contractors; prepares plans and specifications for capital projects under Field Operations' jurisdiction; review plans, specifications, and reports for BWS projects and projects that will be dedicated to BWS; evaluates new materials and equipment for maintenance requirements; and provide engineering support for field crews' work.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	353,223	368,600	500,300	597,500	97,200
4120 - Overtime	22,315	10,000	15,000	50,000	35,000
4130 - Miscellaneous (Payroll)	4,839	10,000	10,000	10,000	0
Personnel Services	380,377	388,600	525,300	657,500	132,200
4160 - Meals; Mileage & Uniform Allowances	1,798	3,500	3,500	3,500	0
4250 - Other Contractual Services	502,531	200,000	275,000	275,000	0
4460 - Other Materials & Supplies	0	10,000	10,000	10,000	0
4815 - Repair & Maint - Equipment	0	5,000	5,000	5,000	0
8050 - Equipment (under \$5,000)	4,390	2,500	13,100	500	(12,600)
Materials, Supplies and Services	508,719	221,000	306,600	294,000	(12,600)
1270 - General Plant & Equip (over \$5,000)	10,090	10,000	39,200	17,500	(21,700)
Equipment	10,090	10,000	39,200	17,500	(21,700)
Total Technical & Operational Support Branch	899,186	619,600	871,100	969,000	97,900

Budget Highlights

**Board of Water Supply
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FO - Field Operations

5552 - Meter Maintenance

Section's Activity

The Meter Maintenance section operates and maintains the meter shop for testing and repairing meters; conducts annual meter and Automated Meter Reading (AMR) maintenance program; inspects and performs large meter performance tests; repairs or replaces large meters; reviews and evaluates meter technical data; performs meter mastering to optimize meter type, size, and to diagnose problems; and installs and removes temporary fire hydrant meter assemblies.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	845,156	1,054,800	1,297,900	1,415,000	117,100
4120 - Overtime	28,789	20,000	20,000	35,000	15,000
4130 - Miscellaneous (Payroll)	15,172	40,000	40,000	40,000	0
Personnel Services	889,117	1,114,800	1,357,900	1,490,000	132,100
1120 - Meters (Storeroom)	314,373	2,375,000	2,275,000	2,275,000	0
1125 - AMR Materials & Supplies (Storeroom)	29,375	250,000	150,000	750,000	600,000
4160 - Meals; Mileage & Uniform Allowances	2,588	3,000	3,000	3,000	0
4250 - Other Contractual Services	4,019	0	0	0	0
4460 - Other Materials & Supplies	22,933	30,000	30,000	30,000	0
4815 - Repair & Maint - Equipment	247	0	0	0	0
8050 - Equipment (under \$5,000)	1,800	0	58,200	32,800	(25,400)
Materials, Supplies and Services	375,335	2,658,000	2,516,200	3,090,800	574,600
Total Technical & Operational Support Branch	1,264,452	3,772,800	3,874,100	4,580,800	706,700

Budget Highlights

**Board of Water Supply
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FO - Field Operations

5585 - Storeroom

Section's Activity

The Storeroom section is responsible for physical control of the storerooms and storage yards; coordinates and processes the annual materials contract; and stores and disposes of scrap and surplus materials.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	141,223	277,000	258,800	270,400	11,600
4120 - Overtime	2,601	5,000	5,000	7,000	2,000
4130 - Miscellaneous (Payroll)	5,000	10,000	10,000	10,000	0
Personnel Services	148,824	292,000	273,800	287,400	13,600
1110 - Materials & Supplies (Storeroom)	2,647,338	2,420,000	3,146,000	3,120,000	(26,000)
4160 - Meals; Mileage & Uniform Allowances	697	4,000	4,000	4,000	0
4250 - Other Contractual Services	7,216	75,000	75,000	75,000	0
4420 - Hauling Charges	3,766	50,000	50,000	50,000	0
4460 - Other Materials & Supplies	27,326	250,000	250,000	250,000	0
4923 - Store Materials & Expense	597,264	800,000	800,000	800,000	0
8050 - Equipment (under \$5,000)	0	0	5,000	5,000	0
Materials, Supplies and Services	3,283,607	3,599,000	4,330,000	4,304,000	(26,000)
Total Technical & Operational Support Branch	3,432,431	3,891,000	4,603,800	4,591,400	(12,400)

Budget Highlights

**Board of Water Supply
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FO - Field Operations

5519 - Maintenance Support

Section's Activity

The Maintenance Support branch directs and coordinates the activities pertaining to the landscaping and maintenance of the Beretania Complex buildings and corporation yards.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	126,226	259,000	317,400	328,200	10,800
4120 - Overtime	53,531	40,000	40,000	40,000	0
4130 - Miscellaneous (Payroll)	3,562	32,400	3,400	3,400	0
Personnel Services	183,320	331,400	360,800	371,600	10,800
4160 - Meals; Mileage & Uniform Allowances	1,168	1,000	1,000	1,000	0
Materials, Supplies and Services	1,168	1,000	1,000	1,000	0
Total Maintenance Support Branch	184,488	332,400	361,800	372,600	10,800

Budget Highlights

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**Board of Water Supply
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FO - Field Operations

5522 - Grounds

Section's Activity

The Grounds section is responsible for the maintenance of grounds and landscaped areas at Beretania Complex, Halawa Garden, corporation yards, pump stations, reservoirs, and well sites; maintains BWS access roads from vegetation overgrowth; and prepares, implements, and oversees contracts for private contractors to perform major tree trimming and maintenance work at dam sites.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	1,433,535	1,942,200	2,115,900	2,220,800	104,900
4120 - Overtime	7,217	50,000	20,000	20,000	0
4130 - Miscellaneous (Payroll)	137,756	70,000	70,000	70,000	0
Personnel Services	1,578,508	2,062,200	2,205,900	2,310,800	104,900
4160 - Meals; Mileage & Uniform Allowances	3,851	6,000	6,000	6,000	0
4250 - Other Contractual Services	1,974,435	1,925,000	1,295,000	2,370,000	1,075,000
4460 - Other Materials & Supplies	49,394	40,000	40,000	50,000	10,000
4815 - Repair & Maint - Equipment	1,515	5,000	5,000	5,000	0
8050 - Equipment (under \$5,000)	14,002	19,150	16,625	2,900	(13,725)
Materials, Supplies and Services	2,043,197	1,995,150	1,362,625	2,433,900	1,071,275
Total Maintenance Support Branch	3,621,705	4,057,350	3,568,525	4,744,700	1,176,175

Budget Highlights

4250 - Other Contractual Services: Tree trimming, maintenance at Nuuanu Reservoir dams, Mauna Olu Reservoir dam, Makaha fire breaks.

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FO - Field Operations

5553 - Building Custodial

Section's Activity

The Building Custodial section maintains Beretania Complex buildings, Kalihi Office buildings, and Kalihi Museum.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	449,917	454,800	495,200	520,000	24,800
4120 - Overtime	8,727	20,000	10,000	10,000	0
4130 - Miscellaneous (Payroll)	8,500	10,000	10,000	10,000	0
Personnel Services	467,144	484,800	515,200	540,000	24,800
4160 - Meals; Mileage & Uniform Allowances	819	5,000	5,000	5,000	0
4250 - Other Contractual Services	2,978	10,000	10,000	60,000	50,000
4460 - Other Materials & Supplies	14,593	12,000	12,000	12,000	0
4805 - Repair & Maint - Structures	28,186	10,000	10,000	20,000	10,000
8050 - Equipment (under \$5,000)	0	0	0	1,400	1,400
Materials, Supplies and Services	46,576	37,000	37,000	98,400	61,400
Total Maintenance Support Branch	513,720	521,800	552,200	638,400	86,200

Budget Highlights

**Board of Water Supply
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FO - Field Operations

5535 - Metropolitan Field Services District

Section's Activity

The Metropolitan Field Services District administers the affairs of the section. It conducts all emergency repair operations and maintenance work involving the water system and appurtenances within the Metropolitan District, including all mains, valves, service connections, fire hydrants, reservoir disinfection work, and appurtenant concrete work; repair reservoirs and buildings; construct pipelines and miscellaneous projects; conducts Sanitary Survey inspection work; and provides clerical support for Engineering & Technical Support Section (5525), and the Maintenance Support Branch (5519).

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	3,686,969	4,699,000	4,740,400	5,151,800	411,400
4120 - Overtime	718,862	1,000,000	910,000	1,000,000	90,000
4130 - Miscellaneous (Payroll)	189,471	365,600	288,000	288,000	0
Personnel Services	4,595,303	6,064,600	5,938,400	6,439,800	501,400
4160 - Meals; Mileage & Uniform Allowances	41,253	50,000	50,000	50,000	0
4250 - Other Contractual Services	19,125	202,000	152,000	152,000	0
4430 - Miscellaneous Supplies	3,800	6,000	6,000	6,000	0
4460 - Other Materials & Supplies	101,271	90,000	90,000	90,000	0
4470 - Parts and Accessories	2,793	0	0	0	0
4500 - Education and Training	301	0	0	0	0
4805 - Repair & Maint - Structures	28,469	50,000	50,000	250,000	200,000
4815 - Repair & Maint - Equipment	10,642	15,000	15,000	15,000	0
8050 - Equipment (under \$5,000)	13,179	43,300	22,760	5,300	(17,460)
Materials, Supplies and Services	220,834	456,300	385,760	568,300	182,540
1270 - General Plant & Equip (over \$5,000)	0	0	0	53,400	53,400
Equipment	0	0	0	53,400	53,400
Total Metropolitan Field Services District	4,816,137	6,520,900	6,324,160	7,061,500	737,340

Budget Highlights

**Board of Water Supply
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FO - Field Operations

5540 - Suburban Field Services District

Section's Activity

The Suburban Field Services section directs and coordinates the activities pertaining to maintenance of pipelines and appurtenances, building and corporation yards, provides clerical support to sections of the branch (5541 - Manana, 5542 - Wahiawa, 5543 - Waianae, and 5560 Windward).

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	81,263	105,400	174,800	160,800	(14,000)
4120 - Overtime	5,146	0	5,000	5,000	0
4130 - Miscellaneous (Payroll)	2,000	2,400	2,400	2,400	0
Personnel Services	88,409	107,800	182,200	168,200	(14,000)
4160 - Meals; Mileage & Uniform Allowances	60	0	0	0	0
4250 - Other Contractual Services	107	0	0	0	0
4430 - Miscellaneous Supplies	3,225	4,000	4,000	4,000	0
4805 - Repair & Maint - Structures	0	0	0	200,000	200,000
Materials, Supplies and Services	3,392	4,000	4,000	204,000	200,000
Total Administration Section	91,802	111,800	186,200	372,200	186,000

Budget Highlights

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FO - Field Operations

5541 - Manana

Section's Activity

The Manana section conducts all emergency repair operations and maintenance work involving the water system and appurtenances within the Manana District, including all mains, valves, service connections, fire hydrants, reservoir disinfection work, and appurtenant concrete work; repair reservoirs and buildings; construct pipelines and miscellaneous projects; and conducts Sanitary Survey inspection work.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	1,443,896	1,982,400	2,295,600	2,423,400	127,800
4120 - Overtime	511,120	500,000	450,000	500,000	50,000
4130 - Miscellaneous (Payroll)	58,341	164,200	189,000	189,000	0
Personnel Services	2,013,357	2,646,600	2,934,600	3,112,400	177,800
4160 - Meals; Mileage & Uniform Allowances	22,194	20,000	20,000	20,000	0
4250 - Other Contractual Services	2,857	15,000	15,000	15,000	0
4410 - Gasoline	230	0	0	0	0
4430 - Miscellaneous Supplies	162	0	0	0	0
4460 - Other Materials & Supplies	24,058	60,000	60,000	60,000	0
4500 - Education and Training	90	0	0	0	0
4805 - Repair & Maint - Structures	4,739	0	0	0	0
4815 - Repair & Maint - Equipment	58	5,000	5,000	5,000	0
4910 - Miscellaneous Fees & Registration	101	0	0	0	0
8050 - Equipment (under \$5,000)	22,559	20,100	20,000	14,880	(5,120)
Materials, Supplies and Services	77,049	120,100	120,000	114,880	(5,120)
1270 - General Plant & Equip (over \$5,000)	0	9,000	7,000	7,000	0
Equipment	0	9,000	7,000	7,000	0
Total Administration Section	2,090,406	2,775,700	3,061,600	3,234,280	172,680

Budget Highlights

**Board of Water Supply
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FO - Field Operations

5542 - Wahiawa

Section's Activity

The Wahiawa section conducts all emergency repair operations and maintenance work involving the water distribution system and appurtenances within the Wahiawa District, including all mains, valves, service connections, fire hydrants, reservoir disinfection work, and appurtenant concrete work; repair reservoirs and buildings; construct pipelines and miscellaneous projects; and conducts Sanitary Survey inspection work.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	415,797	662,500	706,300	800,900	94,600
4120 - Overtime	148,991	160,000	144,000	150,000	6,000
4130 - Miscellaneous (Payroll)	13,842	81,400	41,400	41,400	0
Personnel Services	578,630	903,900	891,700	992,300	100,600
4160 - Meals; Mileage & Uniform Allowances	7,608	11,000	11,000	11,000	0
4460 - Other Materials & Supplies	10,897	12,000	12,000	12,000	0
4815 - Repair & Maint - Equipment	2,265	3,000	3,000	3,000	0
4910 - Miscellaneous Fees & Registration	113	0	0	0	0
8050 - Equipment (under \$5,000)	3,989	5,490	7,800	7,500	(300)
Materials, Supplies and Services	24,872	31,490	33,800	33,500	(300)
1270 - General Plant & Equip (over \$5,000)	6,781	11,500	0	0	0
Equipment	6,781	11,500	0	0	0
Total Administration Section	610,284	946,890	925,500	1,025,800	100,300

Budget Highlights

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FO - Field Operations

5543 - Waianae

Section's Activity

The Waianae section conducts all emergency repair operations and maintenance work involving the water distribution system and appurtenances within the Waianae District, including all mains, valves, service connections, fire hydrants, reservoir disinfection work, and appurtenant concrete work; repair reservoirs and buildings; construct pipelines and miscellaneous projects; and conducts Sanitary Survey inspection work.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	777,955	869,400	923,500	941,500	18,000
4120 - Overtime	170,425	360,000	324,000	275,000	(49,000)
4130 - Miscellaneous (Payroll)	29,698	76,200	81,200	81,200	0
Personnel Services	978,079	1,305,600	1,328,700	1,297,700	(31,000)
4160 - Meals; Mileage & Uniform Allowances	9,120	15,000	15,000	15,000	0
4460 - Other Materials & Supplies	6,120	7,000	7,000	7,000	0
4805 - Repair & Maint - Structures	4,796	0	0	0	0
4815 - Repair & Maint - Equipment	500	2,500	2,500	2,500	0
4910 - Miscellaneous Fees & Registration	148	0	0	0	0
8050 - Equipment (under \$5,000)	12,574	9,300	11,000	7,000	(4,000)
Materials, Supplies and Services	33,257	33,800	35,500	31,500	(4,000)
1270 - General Plant & Equip (over \$5,000)	0	9,000	6,700	5,000	(1,700)
Equipment	0	9,000	6,700	5,000	(1,700)
Total Administration Section	1,011,336	1,348,400	1,370,900	1,334,200	(36,700)

Budget Highlights

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FO - Field Operations

5560 - Windward Section

Section's Activity

The Windward section conducts all emergency repair operations and maintenance work involving the water distribution system and appurtenances within the Windward District, including all mains, valves, service connections, fire hydrants, reservoir disinfection work, and appurtenant concrete work; repair reservoirs and buildings; construct pipelines and miscellaneous projects; and conducts Sanitary Survey inspection work.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	1,558,582	1,707,700	1,787,000	1,932,200	145,200
4120 - Overtime	390,588	250,000	292,500	400,000	107,500
4130 - Miscellaneous (Payroll)	60,260	112,400	117,400	117,400	0
Personnel Services	2,009,429	2,070,100	2,196,900	2,449,600	252,700
4160 - Meals; Mileage & Uniform Allowances	16,718	12,000	12,000	15,000	3,000
4250 - Other Contractual Services	4,900	6,000	6,000	6,000	0
4410 - Gasoline	70	0	0	0	0
4460 - Other Materials & Supplies	40,054	15,000	15,000	20,000	5,000
4500 - Education and Training	143	0	0	0	0
4805 - Repair & Maint - Structures	0	0	0	10,000	10,000
4815 - Repair & Maint - Equipment	0	2,500	2,500	2,500	0
4910 - Miscellaneous Fees & Registration	254	0	0	0	0
8050 - Equipment (under \$5,000)	0	20,400	44,750	4,000	(40,750)
Materials, Supplies and Services	62,139	55,900	80,250	57,500	(22,750)
1270 - General Plant & Equip (over \$5,000)	7,985	0	0	0	0
Equipment	7,985	0	0	0	0
Total Administration Section	2,079,553	2,126,000	2,277,150	2,507,100	229,950

Budget Highlights

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CP - Capital Projects

Division/Office's Activity

The Capital Projects Division develops and directs engineering policy and programs to carry out the department's mission, vision, goals, and objectives; formulates and implements the annual Capital Improvement Program budget; develops, implements, and maintains programs to address water infrastructure needs; ensures all improvements to the municipal water system are designed and constructed in compliance with the department's standards and policies; coordinates construction schedules and requirements between operational units and external entities; and provides advisory services to other units and staff services for executive decision making.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	4,460,198	5,642,500	5,808,400	6,230,000	421,600
4120 - Overtime	386,941	444,000	440,000	440,000	0
4130 - Miscellaneous (Payroll)	87,649	271,300	273,300	274,500	1,200
Personnel Services	4,934,788	6,357,800	6,521,700	6,944,500	422,800
4160 - Meals; Mileage & Uniform Allowances	10,376	16,900	7,100	6,984	(116)
4250 - Other Contractual Services	120,757	472,200	471,600	470,019	(1,581)
4260 - Advertising & Publication of Notices	1,055	3,000	3,000	3,000	0
4270 - Professional Services	2,000,000	2,000,000	2,000,000	2,000,000	0
4430 - Miscellaneous Supplies	3,266	4,000	4,000	4,000	0
4460 - Other Materials & Supplies	7,630	32,000	32,750	32,450	(300)
4500 - Education and Training	10,955	47,700	33,173	36,060	2,887
4720 - Conference Travel & Expenses	2,600	5,600	12,200	9,350	(2,850)
4815 - Repair & Maint - Equipment	120	5,000	4,000	4,600	600
4910 - Miscellaneous Fees & Registration	2,400	2,600	440	400	(40)
8050 - Equipment (under \$5,000)	14,731	0	3,800	4,000	200
Materials, Supplies and Services	2,173,890	2,589,000	2,572,063	2,570,863	(1,200)
1270 - General Plant & Equip (over \$5,000)	0	250,000	150,000	150,000	0
Equipment	0	250,000	150,000	150,000	0
Total CP - Capital Projects	7,108,677	9,196,800	9,243,763	9,665,363	421,600

Notes

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CP - Capital Projects

5565 - Capital Projects Administration

Section's Activity

Capital Projects Administration develops and directs programs involving the planning, design, inspection, and execution of all projects that are incorporated into the public water system.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	502,270	568,100	427,300	408,600	(18,700)
4120 - Overtime	87,442	40,000	40,000	40,000	0
4130 - Miscellaneous (Payroll)	7,572	300	300	300	0
Personnel Services	597,284	608,400	467,600	448,900	(18,700)
4160 - Meals; Mileage & Uniform Allowances	1,392	500	500	500	0
4250 - Other Contractual Services	29,288	164,200	164,200	164,200	0
4260 - Advertising & Publication of Notices	302	3,000	3,000	3,000	0
4270 - Professional Services	2,000,000	2,000,000	2,000,000	2,000,000	0
4430 - Miscellaneous Supplies	3,266	2,500	2,500	2,500	0
4460 - Other Materials & Supplies	2,513	23,500	23,500	23,500	0
4500 - Education and Training	10,795	17,000	10,200	11,000	800
4720 - Conference Travel & Expenses	2,600	1,600	1,600	800	(800)
4815 - Repair & Maint - Equipment	120	1,000	0	0	0
4910 - Miscellaneous Fees & Registration	0	200	200	200	0
8050 - Equipment (under \$5,000)	312	0	0	0	0
Materials, Supplies and Services	2,050,588	2,213,500	2,205,700	2,205,700	0
1270 - General Plant & Equip (over \$5,000)	0	250,000	150,000	150,000	0
Equipment	0	250,000	150,000	150,000	0
Total Administration	2,647,872	3,071,900	2,823,300	2,804,600	(18,700)

Budget Highlights

**Board of Water Supply
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CP - Capital Projects

5570 - Design & Plans Review

Section's Activity

The Design and Plans Review branch formulates design and construction projects to address the needs of the department; prepares and reviews plans, specifications, and cost estimates; coordinates and secures all necessary project approvals, permits, and clearances for modifications or extensions to the municipal water system; and reviews all public and private construction plans for conformance with the department's standards and policies and approved water master plans.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	898,423	1,103,400	1,085,200	1,097,500	12,300
4120 - Overtime	28,639	40,000	40,000	40,000	0
4130 - Miscellaneous (Payroll)	47,186	8,000	8,000	8,000	0
Personnel Services	974,249	1,151,400	1,133,200	1,145,500	12,300
4160 - Meals; Mileage & Uniform Allowances	0	200	200	200	0
4430 - Miscellaneous Supplies	0	1,000	1,000	1,000	0
4460 - Other Materials & Supplies	18	0	0	0	0
4500 - Education and Training	0	4,000	3,800	3,800	0
4720 - Conference Travel & Expenses	0	4,000	4,000	4,000	0
Materials, Supplies and Services	18	9,200	9,000	9,000	0
Total Design & Plans Review	974,267	1,160,600	1,142,200	1,154,500	12,300

Budget Highlights

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CP - Capital Projects

5575 - Construction

Section's Activity

The Construction branch administers the department's construction contracts; plans and coordinates construction schedules; oversees all construction activities associated with projects that impact the BWS facilities and assets; and ensures all construction plans and specifications, whether by the BWS or by other public and private interests, is completed and approved with accepted engineering practices in accordance with the department's standards and policies.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	1,869,918	2,559,700	2,604,800	2,917,800	313,000
4120 - Overtime	251,264	350,000	350,000	350,000	0
4130 - Miscellaneous (Payroll)	25,663	250,000	250,000	250,000	0
Personnel Services	2,146,845	3,159,700	3,204,800	3,517,800	313,000
4160 - Meals; Mileage & Uniform Allowances	8,924	16,000	6,200	6,084	(116)
4250 - Other Contractual Services	26,252	30,000	30,000	30,819	819
4260 - Advertising & Publication of Notices	753	0	0	0	0
4430 - Miscellaneous Supplies	0	500	500	500	0
4460 - Other Materials & Supplies	3,589	3,000	3,000	2,700	(300)
4500 - Education and Training	160	18,900	11,813	12,500	687
4720 - Conference Travel & Expenses	0	0	2,600	1,350	(1,250)
4910 - Miscellaneous Fees & Registration	0	200	240	200	(40)
8050 - Equipment (under \$5,000)	0	0	3,800	4,000	200
Materials, Supplies and Services	39,678	68,600	58,153	58,153	0
Total Construction	2,186,523	3,228,300	3,262,953	3,575,953	313,000

Budget Highlights

**Board of Water Supply
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CP - Capital Projects

5580 - Support

Section's Activity

The Support branch formulates the department's annual Capital Improvement Program budget; prepares and administers agreements with public agencies and private developers; prepares and reviews plans, specifications, cost estimates, and other necessary documents; coordinates and secures all necessary project approvals, permits, and clearances for the department's facility repair and replacement construction projects; develops and implements programs for facility renovations, asset replacement, and fire protection improvement; provides technical research, assistance, expertise, and advice throughout the department; develops and maintains the department's water system standards; and conducts research and product trials to evaluate new materials and equipment.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	565,438	718,600	978,000	1,076,800	98,800
4120 - Overtime	19,273	4,000	4,000	4,000	0
4130 - Miscellaneous (Payroll)	4,989	9,000	9,000	10,200	1,200
Personnel Services	589,700	731,600	991,000	1,091,000	100,000
4160 - Meals; Mileage & Uniform Allowances	60	100	100	100	0
4250 - Other Contractual Services	0	3,000	2,400	0	(2,400)
4460 - Other Materials & Supplies	758	3,000	2,000	2,000	0
4500 - Education and Training	0	6,200	5,890	6,490	600
4720 - Conference Travel & Expenses	0	0	1,600	1,600	0
4815 - Repair & Maint - Equipment	0	4,000	4,000	4,600	600
8050 - Equipment (under \$5,000)	12,898	0	0	0	0
Materials, Supplies and Services	13,716	16,300	15,990	14,790	(1,200)
Total Support	603,416	747,900	1,006,990	1,105,790	98,800

Budget Highlights

**Board of Water Supply
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CP - Capital Projects

5582 - Mechanical and Electrical

Section's Activity

The Mechanical and Electrical branch oversees the design and installation of mechanical and electrical equipment and systems throughout the municipal water system; prepares plans, specifications, and cost estimates; coordinates and secures all necessary project approvals, permits, and clearances for the construction of electrical and mechanical system installations and pump and motor repairs, renewals, and replacement work in accordance with the department's requirements; provides technical assistance and conducts field inspections, troubleshooting, pilot testing, and final acceptance inspections of mechanical and electrical components; monitors, evaluates, incorporates, and optimizes the BWS equipment standards; and provides technical assistance, expertise, and advice on daily operation of pump and power facilities, equipment renewal and upgrade programs, continuity of service, and maintenance.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	624,148	692,700	713,100	729,300	16,200
4120 - Overtime	323	10,000	6,000	6,000	0
4130 - Miscellaneous (Payroll)	2,238	4,000	6,000	6,000	0
Personnel Services	626,709	706,700	725,100	741,300	16,200
4160 - Meals; Mileage & Uniform Allowances	0	100	100	100	0
4250 - Other Contractual Services	65,217	275,000	275,000	275,000	0
4460 - Other Materials & Supplies	752	2,500	4,250	4,250	0
4500 - Education and Training	0	1,600	1,470	2,270	800
4720 - Conference Travel & Expenses	0	0	2,400	1,600	(800)
4910 - Miscellaneous Fees & Registration	2,400	2,200	0	0	0
8050 - Equipment (under \$5,000)	1,522	0	0	0	0
Materials, Supplies and Services	69,891	281,400	283,220	283,220	0
Total Mechanical and Electrical	696,600	988,100	1,008,320	1,024,520	16,200

Budget Highlights

**Board of Water Supply
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WSO - Water System Operations

Division/Office's Activity

The Water System Operations Division is responsible for the operations and maintenance of pumping and water treatment plant equipment, plant facilities, and communications and electronic control systems. It maintains a 24-hour watch over the department's island-wide water systems and departmental electrical and emergency power supply systems. The unit also purchases, maintains, and repairs the department's vehicles and construction equipment.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	4,651,022	6,448,800	6,784,300	7,048,600	264,300
4120 - Overtime	1,011,555	826,000	835,500	909,000	73,500
4130 - Miscellaneous (Payroll)	96,163	72,300	91,300	96,600	5,300
Personnel Services	5,758,740	7,347,100	7,711,100	8,054,200	343,100
4160 - Meals; Mileage & Uniform Allowances	49,068	40,700	40,100	42,600	2,500
4220 - Collection Fees	6,254	0	0	0	0
4250 - Other Contractual Services	707,068	1,077,900	1,045,500	1,531,500	486,000
4251 - Software Licenses and Maintenance	13,980	30,100	33,500	33,500	0
4267 - Printed forms	0	300	300	300	0
4270 - Professional Services	0	250,000	225,000	1,215,000	990,000
4410 - Gasoline	834,290	883,520	1,032,020	1,032,020	0
4430 - Miscellaneous Supplies	5,733	8,000	8,000	8,000	0
4440 - Motor Vehicle Parts & Accessories	350,119	452,000	452,000	452,000	0
4460 - Other Materials & Supplies	3,855,177	3,250,550	3,332,500	3,557,700	225,200
4470 - Parts and Accessories	955,413	627,000	599,500	625,500	26,000
4500 - Education and Training	3,262	44,175	41,100	32,700	(8,400)
4670 - Telemetering	211,803	220,000	200,000	220,000	20,000
4720 - Conference Travel & Expenses	1,949	4,400	6,200	6,200	0
4805 - Repair & Maint - Structures	263,121	54,000	54,000	69,000	15,000
4815 - Repair & Maint - Equipment	1,186,114	1,256,400	1,652,900	1,558,900	(94,000)
4910 - Miscellaneous Fees & Registration	2,594	7,700	4,850	4,450	(400)
8050 - Equipment (under \$5,000)	407,065	406,830	325,350	253,110	(72,240)
Materials, Supplies and Services	8,853,010	8,613,575	9,052,820	10,642,480	1,589,660
1270 - General Plant & Equip (over \$5,000)	3,512,556	3,857,600	1,835,700	4,289,400	2,453,700
Equipment	3,512,556	3,857,600	1,835,700	4,289,400	2,453,700
Total WSO - Water System Operations	18,124,306	19,818,275	18,599,620	22,986,080	4,386,460

Notes

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WSO - Water System Operations

5600 - Operations Administration

Section's Activity

Operations Administration directs the affairs of the Water System Operations Division and provides engineering and clerical support to sections within the unit.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	335,635	473,800	495,300	511,600	16,300
4120 - Overtime	75,188	20,000	50,000	60,000	10,000
4130 - Miscellaneous (Payroll)	2,000	600	20,600	20,600	0
Personnel Services	412,823	494,400	565,900	592,200	26,300
4160 - Meals; Mileage & Uniform Allowances	1,200	900	1,100	1,100	0
4250 - Other Contractual Services	19,793	312,000	313,000	665,000	352,000
4270 - Professional Services	0	250,000	225,000	1,215,000	990,000
4430 - Miscellaneous Supplies	4,247	5,000	4,000	4,000	0
4460 - Other Materials & Supplies	5,081	0	0	0	0
4500 - Education and Training	0	825	1,100	1,100	0
4720 - Conference Travel & Expenses	0	400	600	600	0
4805 - Repair & Maint - Structures	3,420	0	0	0	0
4815 - Repair & Maint - Equipment	21,126	0	0	0	0
4910 - Miscellaneous Fees & Registration	0	1,000	1,050	1,050	0
8050 - Equipment (under \$5,000)	3,106	0	0	0	0
Materials, Supplies and Services	57,973	570,125	545,850	1,887,850	1,342,000
Total Operations Administration	470,796	1,064,525	1,111,750	2,480,050	1,368,300

Budget Highlights

**Board of Water Supply
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WSO - Water System Operations

5610 - Plant Operations

Section's Activity

The Plant Operations section operates, maintains, repairs and installs equipment of the pumping systems consisting of electrical pumping plants, booster pumping stations, water treatment plants, hydraulic turbine pumping units, water treatment stations, reservoirs, reservoir altitude valves, in-line check and hydraulically-operated butterfly valves and pressure-regulating valves, aerators, meters and gauges, repair shops, buildings and structures, air conditioners, exhaust blowers and fans, auxiliary pumping and water treatment equipment; regulates the water supply within the water distribution systems through the use of a variety of mechanically and electrically-operated supervisory controls; operates the department's after-hour control center; maintains a 24-hour watch over department's island-wide water system.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	212,295	213,900	235,400	264,400	29,000
4120 - Overtime	114,964	50,000	65,000	85,000	20,000
4130 - Miscellaneous (Payroll)	1,846	1,200	1,200	1,500	300
Personnel Services	329,105	265,100	301,600	350,900	49,300
4160 - Meals; Mileage & Uniform Allowances	3,228	1,000	500	500	0
4220 - Collection Fees	6,254	0	0	0	0
4250 - Other Contractual Services	69,540	4,000	4,500	4,500	0
4251 - Software Licenses and Maintenance	12,480	25,000	28,000	28,000	0
4430 - Miscellaneous Supplies	0	2,000	2,000	2,000	0
4460 - Other Materials & Supplies	3,451,199	3,050,000	3,130,000	3,350,000	220,000
4470 - Parts and Accessories	48,942	15,000	12,000	12,000	0
4500 - Education and Training	924	4,000	2,500	1,800	(700)
4720 - Conference Travel & Expenses	0	400	600	600	0
4805 - Repair & Maint - Structures	253,552	50,000	50,000	65,000	15,000
4815 - Repair & Maint - Equipment	881,756	866,000	1,243,500	1,167,500	(76,000)
4910 - Miscellaneous Fees & Registration	2,010	3,800	3,800	2,800	(1,000)
8050 - Equipment (under \$5,000)	4,951	4,000	3,300	3,300	0
Materials, Supplies and Services	4,734,835	4,025,200	4,480,700	4,638,000	157,300
1270 - General Plant & Equip (over \$5,000)	233,721	0	0	0	0
Equipment	233,721	0	0	0	0
Total Plant Operations	5,297,662	4,290,300	4,782,300	4,988,900	206,600

Budget Highlights

**Board of Water Supply
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WSO - Water System Operations

5611 - District 1 Leeward West Section

Section's Activity

District 1 consists of the stations on the leeward side of the island from Waipahu to Makaha. Granular activated carbon filtration plants are located at Hoaeae Wells; Waipahu Wells I, II, III, and IV; Kunia Wells I and II; and Waipio Heights Wells III.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	420,417	740,800	652,300	619,500	(32,800)
4120 - Overtime	101,298	120,000	110,000	105,000	(5,000)
4130 - Miscellaneous (Payroll)	24,606	4,500	4,500	4,500	0
Personnel Services	546,321	865,300	766,800	729,000	(37,800)
4160 - Meals; Mileage & Uniform Allowances	7,513	7,000	7,000	7,000	0
4460 - Other Materials & Supplies	113,012	23,800	23,100	27,100	4,000
4470 - Parts and Accessories	76,736	105,000	66,000	66,000	0
4500 - Education and Training	0	3,500	3,500	2,100	(1,400)
4720 - Conference Travel & Expenses	0	400	600	600	0
4805 - Repair & Maint - Structures	6,149	0	0	0	0
4815 - Repair & Maint - Equipment	0	12,000	12,000	12,000	0
8050 - Equipment (under \$5,000)	20,755	48,500	30,200	25,200	(5,000)
Materials, Supplies and Services	224,164	200,200	142,400	140,000	(2,400)
1270 - General Plant & Equip (over \$5,000)	9,576	0	0	0	0
Equipment	9,576	0	0	0	0
Total District 1 Leeward West Section	780,061	1,065,500	909,200	869,000	(40,200)

Budget Highlights

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WSO - Water System Operations

5612 - District 2 Central/Windward Section

Section's Activity

District 2 consists of the stations on the windward, central, and north shore areas of the island from Waimanalo to Kahuku to Mokuleia to Mililani. Granular activated carbon filtration plants are located at Waialua Wells; Haleiwa Wells; and Mililani Wells I and III.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	521,274	725,200	697,700	614,900	(82,800)
4120 - Overtime	229,890	210,000	170,000	185,000	15,000
4130 - Miscellaneous (Payroll)	12,410	6,000	6,000	6,000	0
Personnel Services	763,574	941,200	873,700	805,900	(67,800)
4160 - Meals; Mileage & Uniform Allowances	13,396	8,400	8,400	10,900	2,500
4460 - Other Materials & Supplies	154,544	27,000	29,100	29,100	0
4470 - Parts and Accessories	174,478	91,000	90,500	92,500	2,000
4500 - Education and Training	306	3,500	3,500	3,500	0
4720 - Conference Travel & Expenses	0	400	600	600	0
4815 - Repair & Maint - Equipment	0	12,000	12,000	12,000	0
8050 - Equipment (under \$5,000)	18,656	67,000	38,500	24,000	(14,500)
Materials, Supplies and Services	361,380	209,300	182,600	172,600	(10,000)
Total District 2 Central/Windward Section	1,124,954	1,150,500	1,056,300	978,500	(77,800)

Budget Highlights

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WSO - Water System Operations

5613 - District 3 Metropolitan Section

Section's Activity

District 3 consists of the stations in Metropolitan Honolulu from Kalihi to Makapu'u.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	496,561	667,700	770,400	854,300	83,900
4120 - Overtime	164,868	170,000	170,000	170,000	0
4130 - Miscellaneous (Payroll)	6,846	6,000	6,000	6,000	0
Personnel Services	668,274	843,700	946,400	1,030,300	83,900
4160 - Meals; Mileage & Uniform Allowances	9,101	6,500	6,500	6,500	0
4460 - Other Materials & Supplies	26,178	11,000	11,200	12,400	1,200
4470 - Parts and Accessories	233,304	119,000	113,000	117,000	4,000
4500 - Education and Training	891	3,500	3,500	3,500	0
4720 - Conference Travel & Expenses	0	400	600	600	0
4815 - Repair & Maint - Equipment	267	12,000	12,000	9,000	(3,000)
8050 - Equipment (under \$5,000)	9,300	46,300	40,300	24,300	(16,000)
Materials, Supplies and Services	279,041	198,700	187,100	173,300	(13,800)
1270 - General Plant & Equip (over \$5,000)	0	55,000	30,000	0	(30,000)
Equipment	0	55,000	30,000	0	(30,000)
Total District 3 Metropolitan Section	947,315	1,097,400	1,163,500	1,203,600	40,100

Budget Highlights

**Board of Water Supply
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WSO - Water System Operations

5614 - District 4 Leeward East Section

Section's Activity

District 4 consists of the stations from Kalihi to Pearl City.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	343,641	724,300	642,700	665,400	22,700
4120 - Overtime	66,152	60,000	80,000	80,000	0
4130 - Miscellaneous (Payroll)	6,000	5,000	5,000	5,000	0
Personnel Services	415,793	789,300	727,700	750,400	22,700
4160 - Meals; Mileage & Uniform Allowances	2,667	5,500	5,500	5,500	0
4460 - Other Materials & Supplies	25,347	15,600	16,600	16,600	0
4470 - Parts and Accessories	186,375	98,000	100,000	107,000	7,000
4500 - Education and Training	406	3,500	3,500	2,100	(1,400)
4720 - Conference Travel & Expenses	0	400	600	600	0
4815 - Repair & Maint - Equipment	0	12,000	12,000	10,000	(2,000)
8050 - Equipment (under \$5,000)	45,041	84,500	63,000	56,000	(7,000)
Materials, Supplies and Services	259,836	219,500	201,200	197,800	(3,400)
Total District 4 Leeward East Section	675,628	1,008,800	928,900	948,200	19,300

Budget Highlights

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WSO - Water System Operations

5615 - Control Center

Section's Activity

The Control Center section operates the department's island-wide water system on a 24/7 basis and is responsible for maintaining proper system pressure and levels to meet the needs of our customers. Due to its round-the-clock operation, the Control Center has the responsibility of being the point of contact for the public outside of BWS regular working hours.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	648,506	760,600	825,400	866,600	41,200
4120 - Overtime	240,790	140,000	140,000	185,000	45,000
4130 - Miscellaneous (Payroll)	8,719	19,000	19,000	6,000	(13,000)
Personnel Services	898,015	919,600	984,400	1,057,600	73,200
4160 - Meals; Mileage & Uniform Allowances	9,814	6,000	6,000	6,000	0
4460 - Other Materials & Supplies	545	0	0	0	0
4500 - Education and Training	70	4,900	4,200	2,100	(2,100)
4720 - Conference Travel & Expenses	0	800	600	600	0
8050 - Equipment (under \$5,000)	0	4,400	5,500	2,350	(3,150)
Materials, Supplies and Services	10,429	16,100	16,300	11,050	(5,250)
Total Control Center	908,444	935,700	1,000,700	1,068,650	67,950

Budget Highlights

**Board of Water Supply
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WSO - Water System Operations

5616 - Technical Services

Section's Activity

The Technical Services section operates, maintains, repairs, and installs air conditioners, exhaust blowers, fans, and electrical power at Beretania and the five outlying base yards; and maintains flow tubes.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	244,252	433,200	497,100	517,900	20,800
4120 - Overtime	5,147	24,000	18,500	9,000	(9,500)
4130 - Miscellaneous (Payroll)	4,000	6,000	5,000	5,000	0
Personnel Services	253,399	463,200	520,600	531,900	11,300
4160 - Meals; Mileage & Uniform Allowances	1,445	3,000	3,000	3,000	0
4250 - Other Contractual Services	11,342	0	0	0	0
4460 - Other Materials & Supplies	14,143	10,000	10,000	10,000	0
4470 - Parts and Accessories	42,159	54,000	51,000	51,000	0
4500 - Education and Training	200	3,500	3,500	700	(2,800)
4720 - Conference Travel & Expenses	0	400	600	600	0
4815 - Repair & Maint - Equipment	3,118	14,400	14,400	11,400	(3,000)
8050 - Equipment (under \$5,000)	576	54,000	54,000	15,000	(39,000)
Materials, Supplies and Services	72,982	139,300	136,500	91,700	(44,800)
1270 - General Plant & Equip (over \$5,000)	0	15,000	15,000	0	(15,000)
Equipment	0	15,000	15,000	0	(15,000)
Total Technical Services	326,381	617,500	672,100	623,600	(48,500)

Budget Highlights

**Board of Water Supply
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WSO - Water System Operations

5620 - Telecommunications

Section's Activity

The Telecommunications section plans, modifies, adapts, installs, operates, maintains, and repairs telecommunications equipment used in radio, microwave, supervisory control and telemetry networks covering the water distribution and pumping systems of the department and industrial electronic equipment used in the operation of electrical pumping plants and underground pipe locating devices; designs multifunction telemetry and supervisory control systems and mobile radio systems.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	153,147	270,300	366,800	454,000	87,200
4120 - Overtime	2,136	12,000	12,000	10,000	(2,000)
4130 - Miscellaneous (Payroll)	0	2,000	2,000	2,000	0
Personnel Services	155,283	284,300	380,800	466,000	85,200
4160 - Meals; Mileage & Uniform Allowances	74	600	300	300	0
4250 - Other Contractual Services	100,058	63,000	64,000	104,000	40,000
4460 - Other Materials & Supplies	477	4,650	4,000	4,000	0
4470 - Parts and Accessories	142,609	75,000	72,000	85,000	13,000
4500 - Education and Training	0	1,750	1,400	1,400	0
4670 - Telemetry	211,803	220,000	200,000	220,000	20,000
4720 - Conference Travel & Expenses	0	400	600	600	0
4815 - Repair & Maint - Equipment	0	8,000	7,000	7,000	0
8050 - Equipment (under \$5,000)	275,390	81,500	77,500	92,400	14,900
Materials, Supplies and Services	730,410	454,900	426,800	514,700	87,900
1270 - General Plant & Equip (over \$5,000)	46,257	50,500	22,500	69,000	46,500
Equipment	46,257	50,500	22,500	69,000	46,500
Total Telecommunications	931,950	789,700	830,100	1,049,700	219,600

Budget Highlights

**Board of Water Supply
Operating Budget
Fiscal Year 2025**

WSO - Water System Operations

5660 - Automotive

Section's Activity

The Automotive section operates the maintenance and repair shops; prepares plans and specifications for the purchase of vehicles and special construction equipment; maintains and repairs vehicles, construction, and special equipment; disposes of retired fleet equipment; maintains and constructs special tools and equipment; conducts research work in the automotive field.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	1,275,294	1,439,000	1,601,200	1,680,000	78,800
4120 - Overtime	11,123	20,000	20,000	20,000	0
4130 - Miscellaneous (Payroll)	29,737	22,000	22,000	40,000	18,000
Personnel Services	1,316,154	1,481,000	1,643,200	1,740,000	96,800
4160 - Meals; Mileage & Uniform Allowances	631	1,800	1,800	1,800	0
4250 - Other Contractual Services	115,037	298,900	264,000	328,000	64,000
4251 - Software Licenses and Maintenance	1,500	5,100	5,500	5,500	0
4267 - Printed forms	0	300	300	300	0
4410 - Gasoline	834,290	883,520	1,032,020	1,032,020	0
4430 - Miscellaneous Supplies	1,486	1,000	2,000	2,000	0
4440 - Motor Vehicle Parts & Accessories	350,119	452,000	452,000	452,000	0
4460 - Other Materials & Supplies	64,653	108,500	108,500	108,500	0
4470 - Parts and Accessories	50,811	70,000	95,000	95,000	0
4500 - Education and Training	465	15,200	14,400	14,400	0
4720 - Conference Travel & Expenses	1,949	400	800	800	0
4805 - Repair & Maint - Structures	0	4,000	4,000	4,000	0
4815 - Repair & Maint - Equipment	49,455	90,000	90,000	90,000	0
4910 - Miscellaneous Fees & Registration	584	2,900	0	600	600
8050 - Equipment (under \$5,000)	29,290	16,630	13,050	10,560	(2,490)
Materials, Supplies and Services	1,500,270	1,950,250	2,083,370	2,145,480	62,110
1270 - General Plant & Equip (over \$5,000)	3,223,002	3,737,100	1,768,200	4,220,400	2,452,200
Equipment	3,223,002	3,737,100	1,768,200	4,220,400	2,452,200
Total Automotive	6,039,426	7,168,350	5,494,770	8,105,880	2,611,110

Budget Highlights

**Board of Water Supply
Operating Budget
Fiscal Year 2025**

WSO - Water System Operations

5201 - Ocean Cooling

Section's Activity

The Ocean Cooling program is responsible, under a 20-year contract, for the operation and maintenance of the seawater cooling facility at the University of Hawaii John A. Burns School of Medicine in Kaka'ako. The use of cold seawater for building cooling conserves potable water and energy that would otherwise be used in conventional mechanical cooling systems.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4250 - Other Contractual Services	391,298	400,000	400,000	430,000	30,000
4815 - Repair & Maint - Equipment	230,392	230,000	250,000	240,000	(10,000)
Materials, Supplies and Services	621,689	630,000	650,000	670,000	20,000
Total Ocean Cooling	621,689	630,000	650,000	670,000	20,000

Budget Highlights

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**Board of Water Supply
Operating Budget
Fiscal Year 2025**

IT - Information Technology

Division/Office's Activity

The Information Technology Division designs, develops, maintains, and supports BWS databases, software systems, server/workstation/mobile hardware and software, wired/wireless networks, and voice/video and call center systems.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	3,751,628	4,011,800	4,344,300	4,405,700	61,400
4120 - Overtime	50,222	175,500	139,000	137,000	(2,000)
4130 - Miscellaneous (Payroll)	21,763	63,980	43,660	53,500	9,840
Personnel Services	3,823,613	4,251,280	4,526,960	4,596,200	69,240
4160 - Meals; Mileage & Uniform Allowances	354	1,800	20,600	1,300	(19,300)
4250 - Other Contractual Services	8,575,011	10,522,195	9,037,045	9,345,280	308,235
4251 - Software Licenses and Maintenance	3,373,896	3,572,176	3,884,031	4,304,871	420,840
4265 - Printing	0	0	0	5,000	5,000
4430 - Miscellaneous Supplies	2,206	2,200	3,200	3,200	0
4460 - Other Materials & Supplies	109,893	110,700	95,700	97,700	2,000
4470 - Parts and Accessories	30,811	12,000	25,000	20,500	(4,500)
4480 - Postage	362,114	730,100	750,300	805,300	55,000
4500 - Education and Training	10,435	41,680	47,640	15,725	(31,915)
4650 - Security Camera - Cable Line Services	10,134	0	0	0	0
4720 - Conference Travel & Expenses	514	1,700	5,500	7,000	1,500
4815 - Repair & Maint - Equipment	218,569	297,600	263,800	287,200	23,400
4910 - Miscellaneous Fees & Registration	115,215	156,600	171,700	178,700	7,000
8050 - Equipment (under \$5,000)	1,311,196	1,424,035	1,502,970	1,207,065	(295,905)
Materials, Supplies and Services	14,120,347	16,872,786	15,807,486	16,278,841	471,355
1270 - General Plant & Equip (over \$5,000)	422,192	790,000	381,000	730,000	349,000
Equipment	422,192	790,000	381,000	730,000	349,000
Total IT - Information Technology	18,366,152	21,914,066	20,715,446	21,605,041	889,595

Notes

**Board of Water Supply
Operating Budget
Fiscal Year 2025**

IT - Information Technology

5805 - IT Administration

Section's Activity

The Administration section provides strategic planning, technology management, policy direction, cyber security program management, and administrative support services for the Information Technology Division.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	506,025	532,000	559,400	616,800	57,400
4120 - Overtime	160	11,500	0	0	0
4130 - Miscellaneous (Payroll)	3,979	51,980	31,660	33,000	1,340
Personnel Services	510,164	595,480	591,060	649,800	58,740
4160 - Meals; Mileage & Uniform Allowances	10	300	0	0	0
4250 - Other Contractual Services	436,358	360,000	282,000	229,000	(53,000)
4251 - Software Licenses and Maintenance	29,549	230,000	200,000	254,700	54,700
4460 - Other Materials & Supplies	4,244	2,500	2,500	2,500	0
4500 - Education and Training	9,809	5,000	6,000	0	(6,000)
4910 - Miscellaneous Fees & Registration	115,215	98,100	113,200	120,200	7,000
Materials, Supplies and Services	595,185	695,900	603,700	606,400	2,700
Total IT Administration	1,105,349	1,291,380	1,194,760	1,256,200	61,440

Budget Highlights

**Board of Water Supply
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Fiscal Year 2025**

IT - Information Technology

5820 - Application Systems Development

Section's Activity

The Application Systems Development section is responsible for providing application and data management services for all enterprise systems of the department including, customer information system, water and sewer billings, financial/HR (payroll, accounts payable and cost accounting, time tracking, etc.), laboratory information, asset maintenance, and workforce management.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	969,916	1,096,400	1,198,400	1,198,700	300
4120 - Overtime	34,380	110,000	110,000	110,000	0
4130 - Miscellaneous (Payroll)	4,227	12,000	12,000	12,000	0
Personnel Services	1,008,523	1,218,400	1,320,400	1,320,700	300
4160 - Meals; Mileage & Uniform Allowances	48	1,500	600	600	0
4250 - Other Contractual Services	2,144,140	4,486,695	2,964,384	3,276,080	311,696
4251 - Software Licenses and Maintenance	1,348,319	1,615,626	2,018,158	2,343,925	325,767
4430 - Miscellaneous Supplies	0	1,200	1,200	1,200	0
4460 - Other Materials & Supplies	1,165	0	0	0	0
4500 - Education and Training	0	34,180	30,540	6,725	(23,815)
4910 - Miscellaneous Fees & Registration	0	26,000	26,000	26,000	0
Materials, Supplies and Services	3,493,672	6,165,201	5,040,882	5,654,530	613,648
Total Application Systems Development	4,502,196	7,383,601	6,361,282	6,975,230	613,948

Budget Highlights

**Board of Water Supply
Operating Budget
Fiscal Year 2025**

IT - Information Technology

5835 - Technical Engineering Projects

Section's Activity

The Technical Engineering Projects branch plans, designs, installs, implements, manages, maintains, and supports the BWS Geographic Information System and spacial database. This section also manages and maintains the BWS hydraulic models for currency and accuracy, in conjunction with Water Resources.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	788,739	891,700	989,500	914,600	(74,900)
4120 - Overtime	817	4,000	4,000	4,000	0
4130 - Miscellaneous (Payroll)	5,739	0	0	0	0
Personnel Services	795,295	895,700	993,500	918,600	(74,900)
4250 - Other Contractual Services	937,480	910,000	760,000	840,000	80,000
4251 - Software Licenses and Maintenance	376,199	402,500	397,000	311,500	(85,500)
4265 - Printing	0	0	0	5,000	5,000
4430 - Miscellaneous Supplies	100	500	500	500	0
4460 - Other Materials & Supplies	1,031	1,200	1,200	1,200	0
4480 - Postage	78	100	300	300	0
4500 - Education and Training	0	2,500	2,500	2,500	0
4720 - Conference Travel & Expenses	514	1,700	5,500	7,000	1,500
4815 - Repair & Maint - Equipment	1,225	6,500	13,000	9,100	(3,900)
4910 - Miscellaneous Fees & Registration	0	6,500	6,500	6,500	0
8050 - Equipment (under \$5,000)	14,215	7,500	12,500	16,000	3,500
Materials, Supplies and Services	1,330,842	1,339,000	1,199,000	1,199,600	600
Total Technical Engineering Projects	2,126,138	2,234,700	2,192,500	2,118,200	(74,300)

Budget Highlights

**Board of Water Supply
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Fiscal Year 2025**

IT - Information Technology

5830 - Computer Operations

Section's Activity

The Computer Operations Support branch is responsible for planning, scheduling, administrating, and coordinating the department's network and computer services operations (machine processing); and infrastructure operations, update, and maintenance. Included in this is wired/wireless network devices/services, servers, workstations, mobile devices, cloud based services, etc.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	1,486,948	1,491,700	1,597,000	1,675,600	78,600
4120 - Overtime	14,865	50,000	25,000	23,000	(2,000)
4130 - Miscellaneous (Payroll)	7,818	0	0	8,500	8,500
Personnel Services	1,509,631	1,541,700	1,622,000	1,707,100	85,100
4160 - Meals; Mileage & Uniform Allowances	296	0	20,000	700	(19,300)
4250 - Other Contractual Services	5,057,034	4,765,500	5,030,661	5,000,200	(30,461)
4251 - Software Licenses and Maintenance	1,619,828	1,324,050	1,268,873	1,394,746	125,873
4430 - Miscellaneous Supplies	2,106	500	1,500	1,500	0
4460 - Other Materials & Supplies	103,452	107,000	92,000	94,000	2,000
4470 - Parts and Accessories	30,811	12,000	25,000	20,500	(4,500)
4480 - Postage	362,036	730,000	750,000	805,000	55,000
4500 - Education and Training	626	0	8,600	6,500	(2,100)
4650 - Security Camera - Cable Line Services	10,134	0	0	0	0
4815 - Repair & Maint - Equipment	217,344	291,100	250,800	278,100	27,300
4910 - Miscellaneous Fees & Registration	0	26,000	26,000	26,000	0
8050 - Equipment (under \$5,000)	1,296,981	1,416,535	1,490,470	1,191,065	(299,405)
Materials, Supplies and Services	8,700,647	8,672,685	8,963,904	8,818,311	(145,593)
1270 - General Plant & Equip (over \$5,000)	422,192	790,000	381,000	730,000	349,000
Equipment	422,192	790,000	381,000	730,000	349,000
Total Operations Support	10,632,470	11,004,385	10,966,904	11,255,411	288,507

Budget Highlights

**Board of Water Supply
Operating Budget
Fiscal Year 2025**

FIN - Finance

Division/Office's Activity

The Finance Division is responsible for controlling and directing the financial accounting activities of the department. Activities include conducting financial studies; administering long-term bonded debt programs and bond sales; assisting in controlling budgeted expenditures; and administering the general accounting systems including cost accounting, payroll, leave records, and accounts payable.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	2,252,888	2,335,200	2,609,900	2,830,100	220,200
4120 - Overtime	49,798	63,300	66,500	67,000	500
4130 - Miscellaneous (Payroll)	25,652	72,000	28,000	33,000	5,000
Personnel Services	2,328,338	2,470,500	2,704,400	2,930,100	225,700
4160 - Meals; Mileage & Uniform Allowances	1,527	5,500	2,500	2,500	0
4220 - Collection Fees	89	500	500	500	0
4250 - Other Contractual Services	27,480	10,000	15,000	15,000	0
4267 - Printed forms	2,598	0	0	0	0
4270 - Professional Services	916,402	1,021,600	957,000	957,000	0
4430 - Miscellaneous Supplies	13,813	15,000	15,000	15,000	0
4460 - Other Materials & Supplies	1,129	1,000	1,000	1,000	0
4480 - Postage	7	0	0	0	0
4500 - Education and Training	3,429	4,400	1,200	3,190	1,990
4720 - Conference Travel & Expenses	5,469	3,100	3,100	3,320	220
4815 - Repair & Maint - Equipment	5,746	9,000	6,000	6,000	0
4910 - Miscellaneous Fees & Registration	1,410	1,250	1,250	1,250	0
4915 - Miscellaneous Financial Expenses	1,293,329	2,290,000	2,370,650	2,270,650	(100,000)
8050 - Equipment (under \$5,000)	0	5,300	1,200	1,200	0
Materials, Supplies and Services	2,272,427	3,366,650	3,374,400	3,276,610	(97,790)
1270 - General Plant & Equip (over \$5,000)	31,040	65,000	36,000	0	(36,000)
Equipment	31,040	65,000	36,000	0	(36,000)
Total FIN - Finance	4,631,805	5,902,150	6,114,800	6,206,710	91,910

Notes

**Board of Water Supply
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Fiscal Year 2025**

FIN - Finance

5900 - Finance Administration

Section's Activity

The Finance Administration section develops, provides, and manages financial and administrative support services to all levels of the department.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	395,529	381,100	406,400	427,100	20,700
4130 - Miscellaneous (Payroll)	2,000	0	1,000	1,000	0
Personnel Services	397,529	381,100	407,400	428,100	20,700
4160 - Meals; Mileage & Uniform Allowances	0	300	300	300	0
4250 - Other Contractual Services	20,995	5,000	5,000	5,000	0
4270 - Professional Services	279,714	308,600	213,600	213,600	0
4430 - Miscellaneous Supplies	13,813	15,000	15,000	15,000	0
4480 - Postage	7	0	0	0	0
4500 - Education and Training	3,429	4,400	1,200	3,190	1,990
4720 - Conference Travel & Expenses	5,469	3,100	3,100	3,320	220
4815 - Repair & Maint - Equipment	0	1,000	1,000	1,000	0
4910 - Miscellaneous Fees & Registration	1,410	1,250	1,250	1,250	0
4915 - Miscellaneous Financial Expenses	7,300	0	0	0	0
Materials, Supplies and Services	332,137	338,650	240,450	242,660	2,210
1270 - General Plant & Equip (over \$5,000)	31,040	65,000	0	0	0
Equipment	31,040	65,000	0	0	0
Total Finance Administration	760,706	784,750	647,850	670,760	22,910

Budget Highlights

**Board of Water Supply
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FIN - Finance

5910 - Treasury

Section's Activity

The Treasury section administers and manages the long term bonded debt and federal loan programs; obtains other long term and short term financing as necessary; manages the department's cash flows; and administers and oversees the management of the department's investment program.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	86,736	103,900	173,600	179,800	6,200
4120 - Overtime	0	1,000	500	500	0
Personnel Services	86,736	104,900	174,100	180,300	6,200
4270 - Professional Services	636,688	713,000	743,400	743,400	0
4915 - Miscellaneous Financial Expenses	1,286,029	2,290,000	2,370,650	2,270,650	(100,000)
Materials, Supplies and Services	1,922,717	3,003,000	3,114,050	3,014,050	(100,000)
Total Treasury	2,009,453	3,107,900	3,288,150	3,194,350	(93,800)

Budget Highlights

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**Board of Water Supply
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FIN - Finance

5915 - Rev & Cust Accounting Section

Section's Activity

The Revenue and Customer Accounting section conducts the department's billing operations and related functions which include meter reading, pre-auditing of consumer accounts, part-rate billing, maintaining consumer records; maintaining accounts receivable and keeping special fund accounts; maintaining revenue accounting and statistical reports.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	789,848	882,400	969,900	1,014,600	44,700
4120 - Overtime	33,441	50,000	50,000	50,000	0
4130 - Miscellaneous (Payroll)	15,265	2,000	2,000	2,000	0
Personnel Services	838,555	934,400	1,021,900	1,066,600	44,700
4160 - Meals; Mileage & Uniform Allowances	1,257	5,000	2,000	2,000	0
4250 - Other Contractual Services	6,354	5,000	10,000	10,000	0
4460 - Other Materials & Supplies	1,129	1,000	1,000	1,000	0
4815 - Repair & Maint - Equipment	5,746	8,000	5,000	5,000	0
8050 - Equipment (under \$5,000)	0	2,000	1,200	1,200	0
Materials, Supplies and Services	14,485	21,000	19,200	19,200	0
Total Rev	853,040	955,400	1,041,100	1,085,800	44,700

Budget Highlights

**Board of Water Supply
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FIN - Finance

5930 - General Accounting

Section's Activity

The General Accounting section directs and coordinates the development, functional effectiveness and maintenance of accounting systems, records, procedures, and reports to ensure the acquisition of valid and consistent data for use in planning and budgeting, performance control and evaluation, managerial decisions, and reporting requirements; prepares monthly financial and statistical reports and studies; prepares payrolls and maintains leave records; audits and processes disbursement vouchers; maintains all property records and depreciation schedules; coordinates annual physical inventory of utility plant and prepares annual listing as required by City Charter; prepares and analyzes special reports and studies.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	676,640	672,000	705,700	830,900	125,200
4120 - Overtime	15,118	9,100	12,000	12,000	0
4130 - Miscellaneous (Payroll)	8,387	70,000	25,000	30,000	5,000
Personnel Services	700,145	751,100	742,700	872,900	130,200
4160 - Meals; Mileage & Uniform Allowances	270	200	200	200	0
4220 - Collection Fees	89	500	500	500	0
4250 - Other Contractual Services	131	0	0	0	0
4267 - Printed forms	2,598	0	0	0	0
8050 - Equipment (under \$5,000)	0	3,300	0	0	0
Materials, Supplies and Services	3,087	4,000	700	700	0
Total General Accounting	703,232	755,100	743,400	873,600	130,200

Budget Highlights

**Board of Water Supply
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Fiscal Year 2025**

FIN - Finance

5940 - Fiscal Services

Section's Activity

The Fiscal Services branch is responsible for reporting on budgetary, encumbrance, and financial activities within the department. This branch records and reconciles all contract and claims encumbrances with the City annually at fiscal year-end; controls, edits, and monitors reports on encumbrances extensions, insufficient funds, and accounts payable; maintains and coordinates an online vendor table (data file) for approximately 50,000 vendors for field and central use. This branch assigns vendor codes for all payment documents for timely and accurate payment processing and administers the purchasing card program for the procurement of goods and services. Fiscal Services designs hard-copy and electronic encumbrance liquidation and payment forms for departmental use and submittal to Accounts Payable.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	225,190	220,200	274,100	291,300	17,200
4120 - Overtime	98	200	500	500	0
Personnel Services	225,288	220,400	274,600	291,800	17,200
4460 - Other Materials & Supplies	0	0	0	0	0
Materials, Supplies and Services	0	0	0	0	0
Total Fiscal Services	225,288	220,400	274,600	291,800	17,200

Budget Highlights

**Board of Water Supply
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Fiscal Year 2025**

FIN - Finance

5950 - Systems Accounting

Section's Activity

The System Accounting section is responsible for the planning, coordination, modification, and administration of the financial management system for the BWS. This section spearheads initiatives and projects to troubleshoot the organization's financial systems.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4110 - Salaries & Wages	78,944	75,600	80,200	86,400	6,200
4120 - Overtime	1,142	3,000	3,500	4,000	500
Personnel Services	80,086	78,600	83,700	90,400	6,700
Total Systems Accounting	80,086	78,600	83,700	90,400	6,700

Budget Highlights

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**Board of Water Supply
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FC - Fixed Charges and Debt Service

Division/Office's Activity

The activity represents fixed charges and non-divisional expenditures of a general nature not related to any divisional budget.

Account	FY2023 Actual	FY2023 Adopted Budget	FY2024 Adopted Budget	FY2025 Proposed Budget	Change
4610 - Electric Power - Water Distrib Fac	31,127,199	26,000,000	31,200,000	36,791,442	5,591,442
4620 - Electricity	1,568,435	1,200,000	1,440,000	1,535,643	95,643
4660 - Wastewater Service Charges	111,963	120,000	110,000	117,306	7,306
5600 - Central Admin Service Exp (CASE) Fees	3,300,000	3,300,000	3,300,000	3,519,181	219,181
6010 - Employee Retirement Sys (ERS)	11,725,283	12,400,000	12,500,000	13,330,233	830,233
6020 - FICA Contributions	3,042,230	3,000,000	3,000,000	3,199,256	199,256
6100 - Health Benefits - Employees	3,965,193	4,300,000	4,000,000	4,265,674	265,674
6200 - Health Benefits - Retirees	6,857,316	7,050,000	7,040,644	7,485,458	444,814
6250 - Other Post-Emplymnt Ben (OPEB)	1,337,485	2,090,000	1,262,356	1,443,846	181,490
6320 - Unemployment Insurance Benefits	40,758	24,500	80,000	85,313	5,313
Departmental Fixed Charges	63,075,862	59,484,500	63,933,000	71,773,352	7,840,352
4130 - Miscellaneous (Payroll)	0	0	0	7,000,000	7,000,000
Personnel Services	0	0	0	7,000,000	7,000,000
1810 - Bonds Payable	14,845,000	14,845,000	15,370,000	16,865,000	1,495,000
1820 - Notes Payable - State Revolving Funds (SRF)	7,392,639	7,094,300	10,339,000	11,129,000	790,000
7071 - Bond Interest	12,802,350	12,571,600	12,513,165	14,502,685	1,989,520
Debt Service	35,039,989	34,510,900	38,222,165	42,496,685	4,274,520
Total FC - Fixed Charges and Debt Service	98,115,850	93,995,400	102,155,165	121,270,037	19,114,872

Notes



PART II

CAPITAL IMPROVEMENT PROGRAM BUDGET

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Board of Water Supply
Capital Improvement Program
FY 2025

Summary by Categories	Operating Fund (1)	State Revolving Fund (2)	Special Expendable Fund (3)	Improvement Fund (4)	Extramural Fund (5)	Water Infrastructure Finance and Innovation Act (6)	Total
I. Research and Development	10,000,000	4,900,000	500,000	8,000,000	1,000,000	-	24,400,000
II. Renewal and Replacement							
A. Pumps	22,050,000	1,250,000	-	-	-	-	23,300,000
B. Reservoirs	-	400,000	-	-	-	-	400,000
C. Pipelines	2,350,000	55,576,000	-	18,000,000	-	-	75,926,000
D. Treatment	4,250,000	3,000,000	-	-	-	-	7,250,000
E. Facilities	14,550,000	4,000,000	-	7,500,000	-	-	26,050,000
Category II - sub-total	43,200,000	64,226,000	-	25,500,000	-	-	132,926,000
III. Capacity Expansion							
A. Pumps	275,000	-	500,000	5,750,000	-	-	6,525,000
B. Reservoirs	-	20,000,000	-	-	-	-	20,000,000
C. Pipelines	-	15,000,000	900,000	-	-	-	15,900,000
D. Treatment	-	100,000	-	-	-	-	100,000
E. Facilities	-	-	4,860,000	-	19,000,000	49,700,000	73,560,000
Category III - sub-total	275,000	35,100,000	6,260,000	5,750,000	19,000,000	49,700,000	116,085,000
Total - Categories I - III	53,475,000	104,226,000	6,760,000	39,250,000	20,000,000	49,700,000	273,411,000
Construction Cost Index Account	3,635,000	6,750,000	-	3,925,000	-	4,970,000	19,280,000
Contract Adjustment Account	11,350,000	800,000	350,000	5,100,000	-	-	17,600,000
Capital Improvement Program - Total	68,460,000	111,776,000	7,110,000	48,275,000	20,000,000	54,670,000	310,291,000

(1) Operating Fund is defined as rate revenue or cash.

(2) State of Hawai'i Department of Health State Revolving Fund (SRF) loan program is defined as low interest project loans from the State of Hawai'i.

(3) Special Expendable Fund is a restricted fund in which water system facilities charges are deposited and the funding reserved for water system capacity expansion projects.

(4) Improvement Fund is defined as the proceeds of Water System Revenue Bonds.

(5) Extramural Fund is a restricted fund, established by Resolution No. 778, 2007, in which funds received from any governmental agency or private entity, pursuant to negotiated agreements, contracts and/or grants, are deposited and separately accounted for.

(6) Water Infrastructure Finance and Innovation Act (WIFIA) Program is defined as a federal low fixed interest project loan administered by the Environmental Protection Agency (EPA) for water infrastructure projects.

Board of Water Supply
Capital Improvement Program
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			Operating Fund	State Revolving Fund	Special Expendable Fund	Improvement Funds	Extramural Fund	Water Infrastructure Finance and Innovation Act	Total
<u>I. Research and Development</u>									
1. Monitoring Wells for Red Hill Contamination Response	Drill and case up to three (3) monitoring wells for use as "sentinel" wells to warn of the presence of an underground fuel plume from the Red Hill fuel contamination.	CONST	-	-	-	8,000,000	1,000,000	-	9,000,000
2. DLNR Windward Exploratory Well State Well Number (3-2449-002)	Prepare environmental assessment and Public Infrastructure Map (PIM) Amendment for one (1) production well at the existing Hawaii State Hospital site (Well 3-2449-002).	P&E	-	-	500,000	-	-	-	500,000
3. Exploratory Wells for Red Hill Contamination Response – Ka'ōnohi 850'	Prepare design for one (1) exploratory well, environmental assessment, and Public Infrastructure Map (PIM) Amendment for the well, pump station and connecting pipelines at Ka'ōnohi 850'.	P&E	1,750,000	-	-	-	-	-	1,750,000
4. Exploratory Wells for Red Hill Contamination Response – Waiau 550'	Prepare design for one (1) exploratory well, environmental assessment, and Public Infrastructure Map (PIM) Amendment for the well, pump station and connecting pipelines at Waiau 550'.	P&E	1,750,000	-	-	-	-	-	1,750,000
5. BWS Water Master Plan Update	Update the BWS Water Master Plan for the capacity expansion and repair and replacement of BWS water system and facilities, pumping optimization, resource protection, conservation, and development of long-range capital improvement program and financial plan with public outreach.	P&E	4,000,000	-	-	-	-	-	4,000,000
6. Environmental Investigation of Emerging Contaminants	Provide environmental, engineering and hydrology-geology consulting services related to emerging contaminants in groundwater supply.	P&E	-	4,900,000	-	-	-	-	4,900,000
7. Construction Management for Various BWS Construction Projects	Provide construction management and training services for selected BWS construction projects.	P&E	2,000,000	-	-	-	-	-	2,000,000

Board of Water Supply
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			Operating Fund	State Revolving Fund	Special Expendable Fund	Improvement Funds	Extramural Fund	Water Infrastructure Finance and Innovation Act	Total
8. Construction Management for Various BWS - WSO Construction Projects	Provide construction management and training services for selected BWS - WSO construction projects.	P&E	500,000	-	-	-	-	-	500,000
Total Category I - Research and Development			10,000,000	4,900,000	500,000	8,000,000	1,000,000	-	24,400,000
II. Renewal and Replacement									
A. Pumps									
9. Waipi'o Heights Wells II Pump Replacement and Electrical Upgrades	Replace pump nos. 1 and 2, replace MCC and other electrical components, and other control building upgrades.	CONST	3,750,000	-	-	-	-	-	3,750,000
10. Waiiau Booster No. 2 Electrical Upgrades	Replace MCC and other electrical components, replace pump nos. 1 and 2, and other control building upgrades.	CONST	5,000,000	-	-	-	-	-	5,000,000
11. Pearl City Booster No. 3 MCC Replacement	Replace MCC, SCADA system, and all electrical components and appurtenances.	CONST	4,000,000	-	-	-	-	-	4,000,000
12. Pump Renewal and Replacement	Renewal and replacement of various BWS pumps and plant facilities.	CONST	5,000,000	-	-	-	-	-	5,000,000
13. Temporary Pumping Connections	Install connections for temporary pumps at critical pump stations to improve reliability.	CONST	3,500,000	-	-	-	-	-	3,500,000
14. Wai'alaie Iki Booster No. 3 MCC Replacement	Replace MCC and appurtenances.	P&E	-	400,000	-	-	-	-	400,000
15. Hāiawa Booster No. 1 Pump and MCC Replacement	Replace pump, MCC and appurtenances.	P&E	-	450,000	-	-	-	-	450,000
16. 'Ālewa Heights Booster No. 1 MCC Replacement	Replace MCC and appurtenances.	P&E	-	400,000	-	-	-	-	400,000
17. Pump Renewal and Replacement	Renewal and replacement of various BWS pumps and plant facilities.	P&E	300,000	-	-	-	-	-	300,000

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			Operating Fund	State Revolving Fund	Special Expendable Fund	Improvement Funds	Extramural Fund	Water Infrastructure Finance and Innovation Act	Total
18. Temporary Pumping Connections	Install connections for temporary pumps at critical pump stations to improve reliability.	P&E	500,000	-	-	-	-	-	500,000
Pumps Total			22,050,000	1,250,000	-	-	-	-	23,300,000
B. Reservoirs									
19. Wai'alaie 180 3.0 MG Reservoir Replacement	Prepare environmental assessment and Public Infrastructure Map (PIM) Amendment.	P&E	-	400,000	-	-	-	-	400,000
Reservoirs Total			-	400,000	-	-	-	-	400,000
C. Pipelines									
20. Keolu Hills Water System Improvements, Part II	Install 12-inch mains and appurtenances along Keolu Drive, from 'Akumu Street to Naniali'i Street; along 'Akumu Street, from Keolu Drive to Alahaki Street; along Iana Street, from Keolu Drive to FH W00766; and along Keolu Drive, from Kanapu'u Drive to Akalani Loop - approx. 3,580 lin. ft. Install 8-inch mains and appurtenances along 'Akumu Street, from Alahaki Street to Holoholo Street; along Keolu Drive, from Akalani Loop to Akahai Street; along Akahai Street, from Keolu Drive to Akamai Street; along Akaiki Street, from Akahai Street to Akamai Street; and along Halula Place, from 'Akumu Street to end - approx. 4,270 lin. ft. Install 4-inch mains and appurtenances along 'Akumu Place, from 'Akumu Street to end; along 'Akiu Place, from 'Akumu Street to end; and along Akalei Place from 'Akumu Street to end - approx. 540 lin. ft.	CONST	-	-	-	18,000,000	-	-	18,000,000

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			Operating Fund	State Revolving Fund	Special Expendable Fund	Improvement Funds	Extramural Fund	Water Infrastructure Finance and Innovation Act	Total
21. Mā'ili'iili Road 20-Inch Main, Pa'akea Road to Lualualei Homestead Road	Install 20-inch main and appurtenances along Mā'ili'iili Road, from Pa'akea Road to Lualualei Homestead Road - approx. 3,800 lin. ft.	CONST	-	7,500,000	-	-	-	-	7,500,000
22. Ali'ipoe Drive and Pa'ihī Street Area Water System Improvements	Install 12-inch and 8-inch mains and appurtenances along Ali'ipoe Drive, from near FH L00776 to Pōhue Street - approx. 2,110 lin. ft. Install 8-inch mains and appurtenances along Pa'ihī Street, from Ali'ipoe Drive to Pōhue Street; along Hōka'a Street, from Pa'ihī Street to Pōhue Street; along 'Iwa'iwa Street, from Hōka'a Street to Pōhue Street; along 'Iwa'iwa Street, from Hālawa Heights Road to Nahiolea Street; and along Pōhue Street, from Ali'ipoe Drive to Pa'ihī Street - approx. 4825 lin. ft. Install 8-inch and 4-inch mains and appurtenances along Pōhue Place, from Pōhue Street to end; and along Pōhuli Street, from Pa'ihī Street to 150' past FH L00790 - approx. 650 lin. ft.	CONST	-	13,000,000	-	-	-	-	13,000,000
23. Waiapo Place, Waihua Place and Waimomona Place Water System Improvements	Install 12-inch mains and appurtenances along Kolowaka Drive, from Waiapo Place to Waimomona Place - approx. 610 lin. ft. Install 8-inch and 4-inch mains and appurtenances along Waiapo Place, from Kolowaka Drive to end; along Waihua Place, from Kolowaka Drive to end; along Waimomona Place, from Kolowaka Drive to end - approx. 2,190 lin. ft.	CONST	-	5,000,000	-	-	-	-	5,000,000
24. Farrington Highway 24-Inch Main Rehabilitation	Rehabilitate 24-inch main along Farrington Highway from Barber's Point Line Booster to Nānākuli Avenue - approx. 25,000 lin. ft.	P&E	-	1,500,000	-	-	-	-	1,500,000
25. Service Lateral Replacement at Various Locations	Install and replace service laterals at various locations.	CONST	1,000,000	-	-	-	-	-	1,000,000

Board of Water Supply
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			Operating Fund	State Revolving Fund	Special Expendable Fund	Improvement Funds	Extramural Fund	Water Infrastructure Finance and Innovation Act	Total
26. Lead and Copper Rule Improvements (LCRI) Implementation	Develop updated service line inventory (LCRI baseline inventory). Replace lead service lines (LSLs) and certain galvanized service within 10 years or less, at various locations, as required by the final rule.	P&E		28,576,000	-	-	-	-	28,576,000
27. Service Lateral Replacement at Various Locations	Topographic Survey for the service lateral replacement at various locations.	P&E	150,000	-	-	-	-	-	150,000
28. Water Main Installation and Replacement	Install and replace water mains at various locations.	CONST	100,000	-	-	-	-	-	100,000
29. Water System Improvements at Various Locations	Install mains and appurtenance to replace high risk water mains at various locations throughout the island.	P&E	1,000,000	-	-	-	-	-	1,000,000
30. Water Main Installation and Replacement	Install and replace water mains at various locations.	P&E	100,000	-	-	-	-	-	100,000
Pipelines Total			2,350,000	55,576,000	-	18,000,000	-	-	75,926,000
D. Treatment									
31. GAC Corrosion Control at Various Locations	Perform corrosion control of selected BWS GAC facilities. CM services funding included for this project.	CONST	3,500,000	-	-	-	-	-	3,500,000
32. Granular Activated Carbon Disposal Options	Develop an implementation plan for the construction of a GAC reactivation plant and provide support during implementation.	P&E	750,000	-	-	-	-	-	750,000
33. Mililani Wells I GAC Valve Replacement	Replacement of piping and valves and painting.	CONST	-	3,000,000	-	-	-	-	3,000,000
Treatment Total			4,250,000	3,000,000	-	-	-	-	7,250,000

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		Operating Fund	State Revolving Fund	Special Expendable Fund	Improvement Funds	Extramural Fund	Water Infrastructure Finance and Innovation Act	Total
E. Facilities								
34. Mākaha Shaft Tunnel Rehabilitation	Replacement of all MCC, SCADA system, and all electrical components and appurtenances; replacement of pump units and associated piping, valves and appurtenances; replacement of ventilation system, plumbing system, and inclined elevator; replacement of 8-inch waterline and appurtenances; rehabilitation and expansion of the portal building; and replacement of the perimeter fencing.	CONST	-	-	7,500,000	-	-	7,500,000
35. Mānana Wells Control Valve Installation	Install a control valve assembly and water line connections to allow the controlled release of Pearl Harbor 285 system water into the Metropolitan 180 system needed due to the loss of Hālawā Shaft because of the Red Hill fuel contamination.	CONST	-	2,000,000	-	-	-	2,000,000
36. Ka'ahumanu Wells Control Valve Renovation	Upgrade control valve assembly and water line connections to more efficiently allow the controlled release of Pearl Harbor 285 system water into the Metropolitan 180 system needed due to the loss of Hālawā Shaft because of the Red Hill fuel contamination.	CONST	-	2,000,000	-	-	-	2,000,000
37. Pump Station Instrumentation & Controls and SCADA Upgrade	Upgrade instrumentation and controls equipment at various pump stations and revamp SCADA system to provide smarter functionality.	CONST	1,500,000	-	-	-	-	1,500,000
38. Pump Station Instrumentation & Controls and SCADA Upgrade	Upgrade instrumentation and controls equipment at various pump stations and revamp SCADA system to provide smarter functionality.	P&E	2,300,000	-	-	-	-	2,300,000
39. Security Improvements at Various Locations	Security improvements and enhancements includes, but not limited to fencing, doors and windows, vegetation setbacks and access control systems at various BWS locations.	CONST	3,000,000	-	-	-	-	3,000,000

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			Operating Fund	State Revolving Fund	Special Expendable Fund	Improvement Funds	Extramural Fund	Water Infrastructure Finance and Innovation Act	Total
40. Facility Repair and Renovation	Repair, renovation, reroofing, fencing and repainting of selected BWS facilities.	CONST	6,000,000	-	-	-	-	-	6,000,000
41. Facility Repair and Renovation	Repair, renovation, reroofing, fencing and repainting of selected BWS facilities.	P&E	1,000,000	-	-	-	-	-	1,000,000
42. Monitoring Well Assessment and Repair	Provide well condition assessment and associated repair services for monitor wells.	P&E	150,000	-	-	-	-	-	150,000
43. Professional Services for BWS Projects	Obtain services of archaeologists, botanists, environmental engineers, water quality labs, planners, government agencies and others.	P&E	300,000	-	-	-	-	-	300,000
44. Pump Station Assessment and Operations/Repairs	Update pump station condition assessments and operations database.	P&E	300,000	-	-	-	-	-	300,000
Facilities Total			14,550,000	4,000,000	-	7,500,000	-	-	26,050,000
Total Category II - Renewal and Replacement			43,200,000	64,226,000	-	25,500,000	-	-	132,926,000
III. Capacity Expansion									
A. Pumps									
45. Ma'akua Wells Unit No. 2	Install new pump no. 2 in existing well including piping, valves, instrumentation, MCC, mute building, and retaining wall (TMK: 5-4-005:001).	CONST	-	-	-	5,750,000	-	-	5,750,000
46. Mānoa Well II Unit No. 2	Prepare environmental assessment and Public Infrastructure Map (PIM) Amendment for a second production well at existing Mānoa Well II Station (TMK: 2-9-054:033).	P&E	275,000	-	-	-	-	-	275,000
47. Red Hill Contamination Response Production Wells - Ka'ōnohi 850'	Land acquisition near the existing Ka'ōnohi 850' reservoir site to install new pump station and appurtenances.	LAND	-	-	500,000	-	-	-	500,000
Pumps Total			275,000	-	500,000	5,750,000	-	-	6,525,000

Board of Water Supply
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FY 2025

			Operating Fund	State Revolving Fund	Special Expendable Fund	Improvement Funds	Extramural Fund	Water Infrastructure Finance and Innovation Act	Total
B. Reservoirs									
48. East Kapolei 215 R-1 3.0 MG Reservoir	Install 3.0 MG R-1 reservoir and appurtenances (TMK: 9-1-018:008). Install 16-inch main and appurtenances along the access road, from the reservoir to Farrington Highway - approx. 2,300 lin. ft.	CONST	-	20,000,000	-	-	-	-	20,000,000
Reservoirs Total			-	20,000,000	-	-	-	-	20,000,000
C. Pipelines									
49. Kualaka'i Parkway 16-Inch Recycled Water Main	Install 16-inch transmission main and appurtenances along Farrington Highway, from the access road to East Kapolei 215 recycled water reservoir to Kualaka'i Parkway, and along Kualaka'i Parkway, from Farrington Highway to Kapolei Parkway - approx. 12,000 lin. ft.	CONST	-	15,000,000	-	-	-	-	15,000,000
50. Honolulu District 42-Inch Mains - Liliha to Mō'ili'ili AIS	Prepare and submit an archaeological inventory survey (AIS) plan, and conduct and complete an AIS for the Honolulu District 42-Inch Mains - Liliha to Mō'ili'ili.	P&E			900,000				900,000
Pipelines Total			-	15,000,000	900,000	-	-	-	15,900,000
D. Treatment									
51. Milliani Wells II GAC Installation	Land acquisition for the installation two (2) new GAC vessels, backwash tank system, including pump and filter setup, chlorinator infrastructure and piping.	LAND	-	100,000	-	-	-	-	100,000
Treatment Total			-	100,000	-	-	-	-	100,000

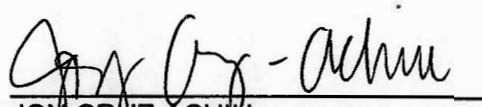
Board of Water Supply
Capital Improvement Program
FY 2025

		Operating Fund	State Revolving Fund	Special Expendable Fund	Improvement Funds	Extramural Fund	Water Infrastructure Finance and Innovation Act	Total
E. Facilities								
52. Kalaeloa Sea Water Desalination Facility	Design-Build-Operate-Maintain (DBOM) contract for a 1.7 MGD desalination facility with limited oversizing for future expansion. Install 16-inch transmission main along the project boundary from desalination facility to Ōla'i Street, along Ōla'i Street from end to Kalaeloa Boulevard, along Kalaeloa Boulevard from Ōla'i Street to the existing 16-inch main near the Northern end of TMK 9-1-031:022- approx. 4,800 lin. ft.	CONST	-	-	-	19,000,000	49,700,000	68,700,000
53. Kalaeloa Sea Water Desalination Facility	Project Management Services to monitor DBOM progress, plan review and RFI response.	P&E	-	4,860,000	-	-	-	4,860,000
Facilities Total		-	-	4,860,000	-	19,000,000	49,700,000	73,560,000
Total Category III - Capacity Expansion		275,000	35,100,000	6,260,000	5,750,000	19,000,000	49,700,000	116,085,000
Total Categories I - III		53,475,000	104,226,000	6,760,000	39,250,000	20,000,000	49,700,000	273,411,000
Construction Cost Index Adjustment		3,635,000	6,750,000	-	3,925,000	-	4,970,000	19,280,000
Contract Adjustment Account		11,350,000	800,000	350,000	5,100,000	-	-	17,600,000
FY25 Capital Improvement Program Total		68,460,000	111,776,000	7,110,000	48,275,000	20,000,000	54,670,000	310,291,000

**MOTION TO
ADJOURN**

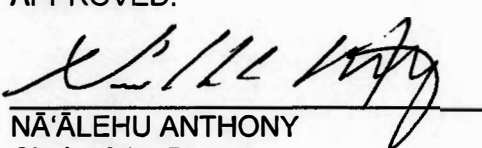
There being no further business, Chair Anthony, at 3:02 PM, called for a motion to adjourn the Regular Session. Jonathan Kaneshiro so moved, seconded by Kapua Sproat, and unanimously carried.

The minutes of the Budget Workshop held on May 6, 2024, are respectfully submitted,



 JOY CRUZ-ACHUI

THE MINUTES OF THE BUDGET WORKSHOP HELD ON MAY 6, 2024, WERE APPROVED AT THE MAY 28, 2024, BOARD MEETING			
	AYE	NO	COMMENT
NĀ'ĀLEHU ANTHONY	X		
KAPUA SPROAT	X		
BRYAN P. ANDAYA	X		
JONATHAN KANESHIRO	X		
EDWIN H. SNIFFEN			ABSENT
GENE C. ALBANO	X		

APPROVED:


 NĀ'ĀLEHU ANTHONY
 Chair of the Board
 MAY 28 2024

 Date