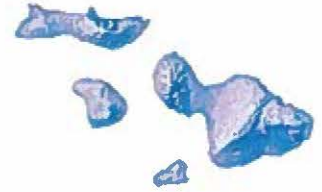
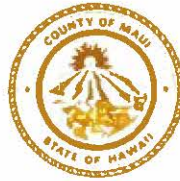


**RICHARD T. BISSEN, JR.**  
Mayor

**JOSIAH K. NISHITA**  
Managing Director

**JOHN STUFFLEBEAN, P.E.**  
Director

**JAMES A. LANDGRAF**  
Deputy Director



**DEPARTMENT OF WATER SUPPLY**  
COUNTY OF MAUI  
200 SOUTH HIGH STREET  
WAILUKU, MAUI, HAWAII 96793  
<http://www.maui-county.gov/water>

October 1, 2024

Honorable Richard T. Bissen, Jr.  
Mayor, County of Maui  
200 South High Street  
Wailuku, Hawaii 96793

**APPROVED FOR TRANSMITTAL**

10-6-24  
Mayor Date

For Transmittal to:

Honorable Keani Rawlins-Fernandez, Chair  
Efficiency Solutions and Circular Systems Committee  
Maui County Council  
200 South High Street  
Wailuku, Hawaii 96793

Dear Chair Rawlins-Fernandez:

**SUBJECT: RESOLUTION 24-155, AUTHORIZING THE COUNCIL CHAIR TO  
ISSUE A REQUEST FOR PROPOSALS FOR A FEASIBILITY STUDY OF  
A COUNTY DEPARTMENT OF GRANTS MANAGEMENT (ESCS-6)**

In response to your letter dated September 27, 2024, Department of Water Supply provides the following comments:

1. In the Fiscal Year 2025 Council Adopted Budget, Appendix A, Part I, attached, you project your Department will receive two grants. Do you anticipate applying for more grants in FY 2025 than you are projected to receive? Please explain.

Response: Please see the grant funding breakdown for FY2025 below:

*"By Water All Things Find Life"*

- \$2.500 Million - Upper Kula Water Transmission Replacement (construction costs)
  - Federal Funding Sources - 1st choice – Federal Emergency Management Agency – Hazard Mitigation Grant Program - currently working on this HMGP application.
  - 2nd choice – U.S. Army Corps of Engineers (USACE) - under their "resiliency and redundancy" program
  - Currently, project is in design - 60% complete - Final Bid Documents due 4-4-2025
  
- \$6.850 Million – Miscellaneous Projects
  - \$6.0 Million - Emergency Generators (permanent) - Furnish, deliver, install.
    - Federal Funding Sources - 1st choice - \*\*FEMA HMGP - currently working on this HMGP application.
    - 2nd choice - USACE - under their "resiliency and redundancy" program
    - \*\*Note: the FEMA HMGP application amount is for \$16.0 million over 3-years (FY25-\$6M, FY26-\$5M, FY27-\$5M).
  
  - \$800,000 - based on the East Maui Source Development – Feasibility Study - Monitoring Well

This funding is for the design & construction of a monitoring well within the Haiku Consent Decree area.

    - The decree prohibits DWS from drilling any type of groundwater well. Thus, DWS is deferring this monitoring well to the USGS to construct.
    - (Monitoring wells are environmental assessment exempt.)
    - Federal Funding Source - USACE Grant Funding
  
  - \$50,000 - Preliminary Design for the Napili "C" GAC (Granulated Activated Carbon) System replacement.
    - Federal Funding Source - EPA-State of Hawaii Department of Health – Safe Drinking Water Branch – State Revolving Funds loan with approx. 50% "Principle Forgiveness"

2. It does not appear that your Department employs Grants Specialists. Please explain which departmental personnel handles grants in lieu of a Grants Specialist.

Response:

The Department has retained Stantec Consultants, Inc. to assist the Department regarding grant funding for CIP projects. In coordination with DWS's FEMA Public Assistance professional services contract, Stantec is also contracted to compile a grant funding strategy, coordinate post-disaster funding from non-FEMA federal agencies, and assist in developing grant applications from December 2023 - June 2025. DWS staff leading the grant effort including the Engineering Program Manager and the CIP Head Engineer.

3. For each grant your Department has applied for in the last three years, please provide:
- a. The requested amount in each grant application.

Response:

See table below, column (d)

- b. Whether the grant application was approved or denied, and the amount awarded.

Response:

See table below, column (e)

- c. A brief sentence explaining the purpose of each grant applied for, whether approved or denied.

Response:

See table below, column (f). In addition, DWS intends to continue to pursue grant funds for priority projects. See attached Funding Plan for all DWS projects that qualify and will be pursuing grant funding in the next 3 years (Attachment 1). DWS presented on FY25 funding to the BFED committee in June 2024. See slide deck attached as Attachment 2.

Attachments:

- 1- MDWS Funding Plan Priority Projects July 2024.pdf  
2- DWS-CIP FY 2025 Federal Funding Presentation June 2024.pdf

(a) Funding Program	(b) When Submitted	(c) Project	(d) \$	(e) Result	(f) Purpose
ARPA	Spring 2023	Kahana Well Development	\$16,640,000	Approved	Construction and construction management services for the Kahana Well in Lahaina
EPA Community Projects FY24	Spring 2023	Upper Kula Transmission Improvements	\$6,000,000	Denied	Improve waterline damaged in 2021 storm
EPA Community Projects FY24	Spring 2023	Mahinahina Backup well	\$5,000,000	Denied	Install backup water supply
EPA Community Projects FY24	Spring 2023	Haiku-Kauhikoa Tank Replacement	\$1,500,000	Approved	Replace leaking tank past service life
EPA Community Projects FY24	Spring 2023	Olinda WTP 3-MG Steel Clearwell Roof Refurbishment	\$2,000,000	Denied	Address aging infrastructure deficiencies at critical water infrastructure site
EPA Community Projects FY25	Spring 2024	Lahaina Water Resilience and Hardening	\$9,600,000	Pending. \$4,100,000 included in FY25 senate budget	Address aging infrastructure deficiencies at critical water infrastructure sites in Lahaina. \$4,100,000 for Mahinahina Backup Well project
USACE Water Resources and Development Act Section 219	Spring 2024	Lahaina Firefighting Capacity - design	\$4,000,000	Denied	Design water system capacity upsizing project to meet fire codes and standards
USDA Project Planning and Design Grant	Summer 2024	Molokai backup wells - design	\$125,000	Approved	Conduct preliminary design and environmental reviews for Ualapue and Kawela Backup Wells

Thank you for the opportunity to provide our comments relating to this agenda item. If you have additional questions, please free to contact me.

Sincerely,



JOHN STUFFLEBEAN, P.E.  
 Director

Attachments:

- 1- MDWS Funding Plan Priority Projects July 2024
- 2- DWS-CIP FY 2025 Federal Funding Presentation June 2024



Maui Department of Water Supply  
 Long-term Recovery Funding Strategy  
 Version 07/05/2024 for internal distribution only Printout 10/1/2024 for Committee response

Project Name	Area served	Project Cost	Design and Construction year	Primary funding	Secondary funding (backup and/or as match)
Lahaina Well package - Launipoko Well #1 and #2, Honolua Well H1 and H2	Lahaina	\$43.1 M	FY24-26 (design), FY25-28 (construction)	FEMA Hazard Mitigation Grant Program	CDBG-DR (match) Maui Strong fund (match) EPA Drinking Water System Infrastructure Resiliency and Sustainability Grant
Lahaina Water Infrastructure Resiliency and Hardening	Lahaina	\$12.05 M	FY25 (construction)	EPA Congressionally Directed Spending - Submitted May 2024 with Sen. Schatz and Rep. Tokuda	HI-DOH DWSRF (on FY25 IUP) CDBG-DR (as match) Maui Strong Fund (as match)
Kamole WTP Raw Water Reservoirs (2x 70MG)	Upcountry (Makawao-Pukalani-Kula)	\$26.8 M	FY25 (design), FY26 (construction)	FEMA Hazard Mitigation Grant Program	USACE General Investigation, USBR Small Storage Program
Upper Kula Transmission Improvements	Kula	\$10.0 M	FY24 (design), FY25 (construction)	FEMA Hazard Mitigation Grant Program	HI-DOH State Revolving Fund (on IUP)
Emergency Generators	County-wide	\$24.0 M	FY25 (construction)	FEMA Hazard Mitigation Grant Program	CDBG-DR (as match), Maui Strong Fund (as match), EPA Drinking Water System Infrastructure Resiliency and Sustainability Grant
Upcountry Maui Water Reliability and Well Development	Upcountry (Makawao-Pukalani-Kula)	\$13.6 M	FY25 (design), FY26 (construction)	FEMA Hazard Mitigation Grant Program	USBR Drought Resiliency Projects, USACE Environmental Infrastructure
Molokai Backup Well Package	Molokai	\$15.0 M	FY25-26 (design), FY2029 (construction)	USDA Water/ Waste Disposal Grant/Loan Program	EPA Community Change Grants bundled application, USACE CAP Pilot Section 165(a)
Lahaina Water Firefighting Capacity Project	Lahaina	\$78.70 M	FY25 (design), FY26 (construction)	USACE Section 219 Environmental Infrastructure for design funds (Submitted May 2024 with Sen. Schatz) FEMA PA (TBD based on damage assessment), FEMA Hazard Mitigation Grant Program	CDBG-DR (as match) Maui Strong Fund (as match) EPA Drinking Water System Infrastructure Resiliency and Sustainability Grant
Lahaina R-1 Recycled Waterline for Firebreak	Lahaina	\$85.0 M	FY26 (design), FY28 (construction)	FEMA Hazard Mitigation Grant Program, part of FEMA BRIC Greenway Application	USDOT PROTECT or ATIIP USBR Title XVI Recycled Water USACE General Investigation (not good fit)

Maui Department of Water Supply  
 Long-term Recovery Funding Strategy  
 Version 07/05/2024 for internal distribution only. Printout 10/1/2024 for Committee response

Project Name	Area served	Project Cost	Design and Construction year	Primary funding	Secondary funding (backup and/or as match)
Upcountry Emergency Supply Connection Waterline	Paia-Kuau, Central and Upcountry systems	\$3.8 M	FY25 (design), FY27 (construction)	FEMA HMGP	EPA Drinking Water System Infrastructure Resiliency and Sustainability Grant HI-DOH DWSRF
Desalination South Maui	Kihel-Makena	\$80.5 M	FY26 (design), FY29 (construction)	USBR Title XVI Desalination (Planning opportunity in Winter 2025, Construction opportunity after feasibility study complete)	EPA WIFIA loan
Desalination West Maui	West Maui	\$80.5 M	FY26 (design), FY29 (construction)	USBR Title XVI Desalination (Planning opportunity in Winter 2025, Construction opportunity after feasibility study complete)	EPA WIFIA loan
Honokohau Valley Direct Bury Waterline	West Maui	\$3.3 M	FY25 (design), FY27 (construction)	USDA Water/ Waste Disposal Grant/Loan Program	Bundled with EPA Community Change Grants application for Molokai. EPA Congressionally Directed Spending (Sen. Schatz) in future FY
Waihee Aquifer New Source Development	Wailuku-Kahului	\$5.5 M	FY26 (design), FY28 (construction)	HI-DOH State Revolving Fund (EPA)	USACE Environmental Infrastructure in future FY
Napii Well "A" and Honokahua Well "A" GAC Vessel Replacement	West Maui	\$1.05 M	FY25 (design), FY26 (construction)	HI-DOH Emerging Contaminant funds (EPA) (on FY25 IUP)	HI-DOH State Revolving Fund (EPA)
Honokahua Well B Motor Control Center Upgrades	West Maui	\$1.15 M	FY28 (design), FY29 (construction)	EPA Congressionally Directed Spending (Sen. Schatz) in FY26 or FY27	HI-DOH Emerging Contaminant BIL Funds packaged with Honokahua Well A GAC replacement as non-primary purpose

**DEPARTMENT OF WATER SUPPLY**

**FISCAL YEAR 2025**

**DEPARTMENT PROPOSED  
FEDERAL FUNDING SOURCES**

ATTACHMENT 2

## Budget changes due to wildfire event

### **Lahaina Redevelopment Funding included in FY25 Mayor's overall budget:**

- ❖ Planning/Design & Construction for Waterline Replacements
- ❖ Additional Consultant Services (FEMA Related Reporting)
- ❖ Lahaina Infrastructure Recovery – Planning/Design & Construction

**Noted impacts: Delay in CIP Project environmental assessments (EAs) and permitting reviews due to reduced consultant/contractor availability to perform archeological and cultural assessments.**





## **CIP - STATE AND FEDERAL FUNDING SOURCES**

- \* **FEMA – Hazard Mitigation Grant Program (HMGP)**
- \* **FEMA – Flood Hazard Mitigation Grant Program (FHMGP)**  
**Dam Safety – Raw Water Reservoir Improvements**
- \* **US ARMY CORPS OF ENGINEERS (USACE)**
- \* **EPA & STATE DOH-SDWB State Revolving Funds**
- \* **US Department of Agriculture (USDA)**
- \* **BUREAU OF RECLAMATION**
- \* **SENATOR SCHATZ – FEDERAL APPROPRIATIONS  
EARMARKS**



## Federal Emergency Management Agency (FEMA)

<b>Typical projects funded</b>	Reduce disaster losses. Protect life, critical infrastructure, and property from future disasters
<b>Grant programs</b>	<ol style="list-style-type: none"> <li>1. Hazard Mitigation Grant Program (HMGP)</li> <li>2. Post-Fire Hazard Mitigation Grant Program (Post-Fire HMGP)</li> <li>3. High Hazard Dam Program (HHDP)</li> <li>4. Building Resilient Infrastructure and Communities (BRIC)</li> <li>5. Flood Mitigation Program (FMA)</li> </ol>
<b>Example projects for FY 2025 funding</b>	<ul style="list-style-type: none"> <li>• <b>Upper Kula Transmission Improvements – HMGP</b></li> <li>• <b>Emergency Generators – Post Fire HMGP</b></li> <li>• <b>New Transmission Waterline From H-Poko Wells To Sprecklesville - HMGP</b></li> </ul>
<b>Example Future Projects</b>	<ul style="list-style-type: none"> <li>• <b>Olinda WTP Raw Water Reservoir - Dam Safety Improvements – HHDP</b></li> <li>• <b>Waikamoi Twin 15 Million Gallon Raw Water Reservoir - Dam Safety Improvements – HHDP</b></li> </ul>

## US Army Corps of Engineers (USACE)

<b>Typical projects funded</b>	Water-related environmental infrastructure including water supply, storage, treatment, distribution systems.
<b>Grant programs</b>	<ol style="list-style-type: none"> <li>1. Planning Assistance to States (WRDA Section 22)</li> <li>2. Continuing Authorities Program</li> <li>3. Environmental Infrastructure Program (WRDA Section 219)</li> <li>4. General Investigation (Large-scale infrastructure projects)</li> </ol>
<b>Example projects for FY 2025 funding</b>	<ul style="list-style-type: none"> <li>• <b>Environmental Infrastructure</b> – <i>broad eligibility, projects still being identified</i></li> <li>• <b>Watershed Ecosystem Restoration</b> – CAP Section 206</li> <li>• <b>Baseyard Tsunami Zone Protection</b> – CAP Section 205</li> </ul>
<b>Example Future Projects</b>	<ul style="list-style-type: none"> <li>• <b>Environmental Infrastructure</b> – <i>broad eligibility, projects still being identified</i></li> </ul>



## Environmental Protection Agency

### Typical projects funded

**Broad eligibility of most drinking water treatment infrastructure projects.** Includes transmission and distribution, source development or aquifer storage and recovery, recycled water, storage, consolidation, creation of new water systems. Projects that increase resilience and reliability of drinking water infrastructure.

### Grant programs

1. Drinking Water State Revolving Fund
2. Clean Water State Revolving Fund
3. Midsize and Large Drinking Water System Infrastructure Resilience and Sustainability Program (SDWA 1459F)
4. Community Change Grants
5. Emerging Contaminant BIL Funding
6. Drinking Water System Infrastructure Resiliency and Sustainability Grant (SDWA 1459(I)) - small systems
7. Operational Sustainability of Small Public Water Systems



## Environmental Protection Agency

### Example projects for FY 2025 funding

- **Napili and Honokohua Wellfield GAC System** - Emerging Contaminant BIL funds
  - **Olinda WTP Chlorination Upgrades** – Emerging Contaminant BIL funds
- *Broad eligibility, projects still being identified*

### Example Future Projects

Molokai Back-up Source Wells:

- **Ualapue Well #2 Exploratory & Development Phases** – Community Change Grants
- **Kawela Well #2 with Storage Tank - Exploratory & Development Phases** – Community Change Grants

## US Bureau of Reclamation

<b>Typical projects funded</b>	Projects that <b>increase water supply</b> and <b>reduce water losses</b> through investments to modernize existing infrastructure
<b>Grant programs</b>	<ol style="list-style-type: none"><li>1. Title XVI Water Recycling Construction Projects</li><li>2. Title XVI Desalination Construction Projects</li><li>3. Drought Resiliency Projects (DRP)</li><li>4. Water and Energy Efficiency Grants (WEEG)</li><li>5. Aquatic Ecosystem Restoration Grant Program (AERP)</li><li>6. Environmental Water Resources Projects (EWRP)</li><li>7. Small Storage Program</li><li>8. Small Scale Water Efficiency Projects</li></ol> <p><b><u>Planning/Design/Piloting Grants</u></b></p> <ol style="list-style-type: none"><li>1. Desalination and Water Purification Research Program</li><li>2. Project Design Grants</li><li>3. Title XVI Water Recycling and Desalination Planning Grants</li><li>4. Water Strategy Grants</li></ol>

## US Bureau of Reclamation

### **Example projects for FY 2025 funding**

- **Launiupoko Wells #1 and #1, Honolulu Wells H1 and H2 – Drought Resiliency Projects**
- **Kamole WTP Raw Water Reservoirs 2 x 70 MG – Small Storage Program**
- **Malaihi Booster Pump Station Motor Control Center Upgrades – Water and Energy Efficiency Grants**

### **Example Future Projects**

- **Desalination Water Treatment Plant - Title XVI Desalination**
- **R-1 Transmission Waterline – Title XVI Recycling**
- **Motor Control Center Upgrades – Water and Energy Efficiency Grants**
- **Water Treatment Plants - SCADA Upgrades – Small Scale Program**

## US Department of Agriculture – Rural Development

<b>Typical projects funded</b>	<p>Drinking water sourcing, treatment, storage and distribution projects that improve drinking water system access and reliability in eligible rural areas.</p> <p>Projects in areas where income is lower than statewide median are eligible for grants, all others only available as loans.</p>
<b>Grant programs</b>	<ol style="list-style-type: none"><li>1. Water and Waste Disposal Loan Grant Program</li><li>2. Emergency Community Water Assistance Grants</li></ol>
<b>Example projects for funding</b>	<ul style="list-style-type: none"><li>• Aging infrastructure projects in Districts below the <b>income threshold</b> (Molokai, Hana, Lahaina) - Water and Waste Disposal Grant Program</li><li>➤ <i>The USDA Maui Representative has received a project list and will determine which projects would best fit for their funding.</i></li></ul>

## Federal Appropriations – Earmarks

<b>Typical projects funded</b>	<p>Drinking water sourcing, treatment, storage and distribution projects.</p> <p>Sen. Schatz has requested projects that are <b>shovel-ready</b> and are <b>hard to fund using other federal funding programs</b>.</p>
<b>Grant programs</b>	<ol style="list-style-type: none"> <li>1. Congressionally Directed Spending Request (“Earmarks”)</li> </ol>
<b>Example projects for FY 2025 funding</b>	<ul style="list-style-type: none"> <li>• <b>Kanaha Wells - Motor Control Center Upgrades W/Emergency Generator (Lahaina)</b></li> <li>• <b>Waipuka Wells - Motor Control Center Upgrade W/Emergency Generator (Lahaina)</b></li> <li>• <b>Waiehu Heights Well 1 Replacement (Wailuku-Kahului) – Development Phase</b></li> </ul>
<b>Example Future Projects</b>	<ul style="list-style-type: none"> <li>• <b>Holomakani Tank Replacement (Kula)</b></li> <li>• <b>Greenways R1 Waterline (Lahaina)</b></li> <li>• <b>Lahaina WTP - Fire System Upgrade (Lahaina)</b></li> <li>• <b>Honokohau Valley Direct Bury Waterline (Honokohau)</b></li> <li>• <b>Koali High-Level Water Tank Replacement (Hana)</b></li> </ul>



## Federal Appropriations – Earmarks FY 2023-24 CIP Projects Submitted:

Project Name	Funding Source	Funding Amount	Fiscal Year	Awarded
Upper Kula Transmission Improvements Design & Construction	CDS-CPF FEDERAL FUND/ FEMA FUND	\$ 6,000,000	FY - 2024 FY - 2025	Re-Apply for FY 2025 Funding
Mahinahina Well #1 (Back-up Well) Construction	CDS-CPF FEDERAL FUND	\$ 5,000,000	FY - 2024 FY - 2025	Re-Apply for FY 2025 Funding
Haiku-Kauhikoa Tank Replacement (250,000 gal) Construction	CDS-CPF FEDERAL FUND	1,500,000	FY - 2023	<b>YES</b> <b>\$1,500,000</b>
Olinda WTP 3-MG Steel Clearwell Roof Refurbishment Construction	CDS-CPF FEDERAL FUND	2,000,000	FY - 2023	In Construction Not Funded

**QUESTIONS ?**

**- THANK YOU -**

**DEPARTMENT OF WATER SUPPLY**

**ENGINEERING DIVISION**

**- CIP SECTION -**



## ESCS Committee

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**From:** Michelle Santos <Michelle.Santos@co.maui.hi.us>  
**Sent:** Monday, October 7, 2024 7:49 AM  
**To:** ESCS Committee  
**Cc:** Cynthia Sasada; James Landgraf; John Stufflebean; Josiah Nishita; Linda Kimura; Kelii Nahooikaika  
**Subject:** MT#10783 Resolution 24-155  
**Attachments:** MT#10783-ESCS Committee.pdf

**NOTE: PLEASE DO NOT FORWARD MY EMAIL TO ANYONE OUTSIDE OF THE COUNTY OF MAUI. YOU MAY CLICK ON THE ATTACHMENT ITSELF AND CREATE YOUR OWN EMAIL TO FORWARD THE DOCUMENT TO ANOTHER PERSON OUTSIDE OF THE COUNTY.**

*Michelle L. Santos*

Office Operations Assistant

Office of the Mayor

County of Maui

200 S. High Street 9th Floor

Wailuku, HI 96793

phone: (808) 270-7855

fax: (808) 270-7870