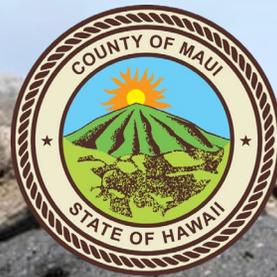


# DEPARTMENT OF WATER SUPPLY

## **FISCAL YEAR 2026 CIP BUDGET UPDATE**

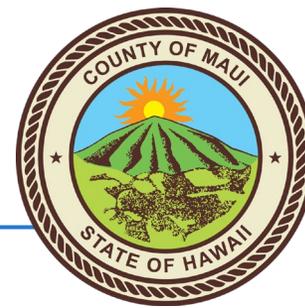
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MAYOR RICHARD T. BISSEN, JR. | DIRECTOR JOHN STUFFLEBEAN, P.E.

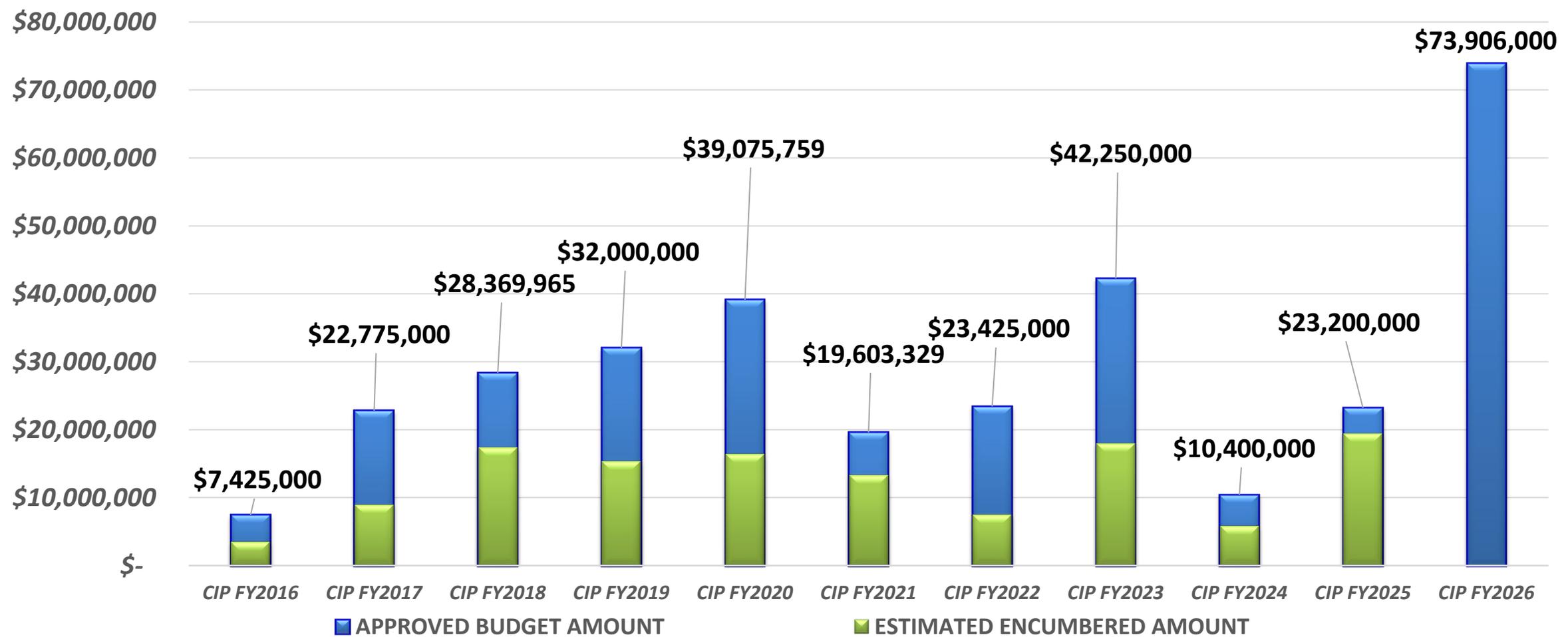




# FY-2026 CAPITAL IMPROVEMENTS PROGRAM

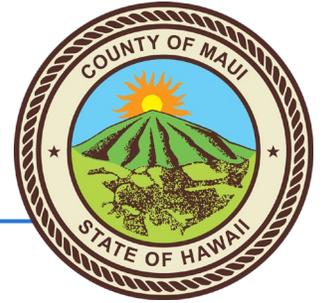


## CAPITAL IMPROVEMENT PROGRAM - PAST 10 YEARS





# FY-2026 CAPITAL IMPROVEMENTS PROGRAM

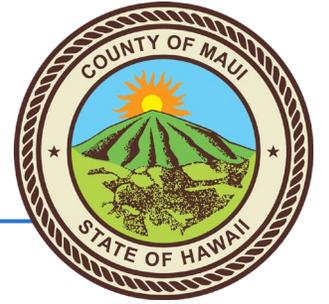


## ACTIVE CIP PROJECTS (TO DATE)

- **15 – Various Design Projects:**
  - Waterline Replacements & Upsizing
  - Raw Water (surface water) Storage Reservoirs
  - Water Tank Replacements & Upsizing
  - Well Source Developments
- **20 – Various Construction Projects:**
  - Water Treatment Plant Upgrades
  - Water Tank Replacements/Repairs
  - Septic System Upgrades @ WTPs
  - Waterline Replacements & Upsizing
  - Well Source Developments

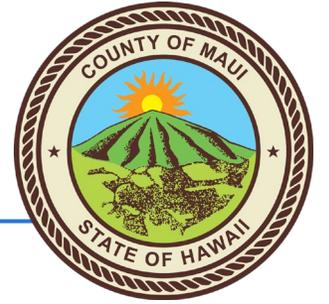


# FY-2026 CAPITAL IMPROVEMENTS PROGRAM



## ACTIVE CIP PROJECTS (TO DATE)

- **4 – Design / Build Projects:**
  - Lahaina Water System Improvements
  - DAF (Dissolved Air Floatation) System for Iao WTP
  - Napili Wells – GAC (Granular Activated Carbon) Replacement
  - 5<sup>th</sup> Floor Renovations
- **4 – Co-Sponsored Subdivision Plats and Purchase Sale Agreements for land acquisition:**
  - Hans Michel Parcel – Various Utility & Access Easements
  - Haleakala Ranch – Co-Sponsored Subdivision (Kealaloa Well Site)
  - Maui Land & Pine - Co-Sponsored Subdivision (Haliimaile Tank Site)
  - Wailuku Country Estates – 2 Water Tank Parcels



# FY-2026 CAPITAL IMPROVEMENTS PROGRAM

## CURRENT FY-2026 FUNDING SUMMARY:

• CAPITAL REVOLVING FUND (UNRESTRICTED) *	\$ 21,100,000
• WATER SYSTEM DEVELOPMENT FUND (RESTRICTED)	\$ 15,900,000
• <u>GENERAL EXCISE TAX (GET) FUND</u>	<u>\$ 14,720,000</u>
<b>TOTAL:</b>	<b>\$ 51,720,000</b>

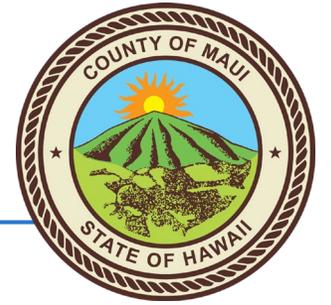
\* Includes Lapsing Bond Funds & SRF Loan Fund (Principal Forgiveness)

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• EPA – COUNTY-WIDE DISASTER RELIEF FUND (FY26)	<u>\$ 22,186,000</u>
<b>TOTAL</b>	<b>\$ 73,906,000</b>



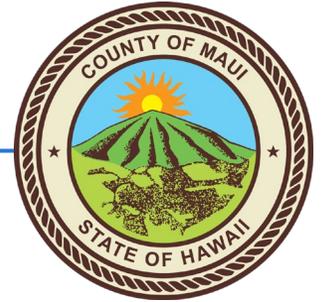
# FY-2026 CAPITAL IMPROVEMENTS PROGRAM



## CURRENT FY-2026 PLANNED PROJECT SUMMARY:

	DESIGN	CONSTRUCTION	DESIGN / BUILD
CAPITAL REVOLVING FUND (UNRESTRICTED)	10 ( 2-active)	10 (2-active)	2
WATER SYSTEM DEVELOPMENT FUND (RESTRICTED)	6 (3-active)	3 (1-active)	2
GENERAL EXCISE TAX (GET) FUND	5	3	---
EPA – COUNTY-WIDE DISASTER RELIEF FUND	2	4	---

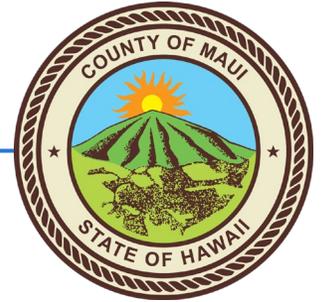
# FY-2026 CAPITAL IMPROVEMENTS PROGRAM



## CURRENT ACTIVE PROJECTS – IN DESIGN

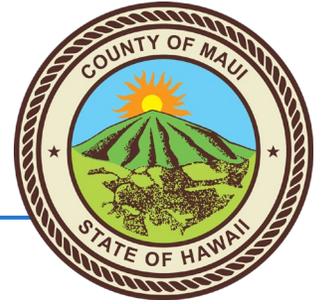
- SOUTH KIHAI ROAD WATERLINE REPLACEMENT
- HANA WATERLINE REPLACEMENT
- HONOKOWAI TUNNEL – SOURCE DEVELOPMENT
- HONOLUA AQUIFER SOURCE DEVELOPMENT – H-1 & H-2 WELLS
- KAMOLE WATER TREATMENT PLANT – RAW WATER RESERVOIRS
- UALAPU'E & KAWELA BACK-UP WELLS – MOLOKAI
- KEALALOA WELL DEVELOPMENT (MAKAWAO) WITH STATE DLNR
- MAKAWAO SOURCE DEVELOPMENT – KULA KAI TANK SITE
- DAM SAFETY – PIIHOLO WTP & OLINDA WTP – RAW WATER RESERVOIRS
- NORTH KIHAI ROAD WATERLINE REPLACEMENT
- HOLOMAKANI (KULA) TANK REPLACEMENT
- KOALI (HANA) TANK REPLACEMENT
- UPPER KULA WATERLINE TRANSMISSION IMPROVEMENTS (HAPAPA GULCH)
- UPCOUNTRY MAUI AG PARK – ASSISTING DEPT. OF AGRICULTURE
- WAIKO ROAD (WAIKAPU) WATERLINE UPSIZING (WITH DEM SEWERLINE IMPROVEMENTS)
- KEPANIWAI WELL MOTOR CONTROL CENTER UPGRADES & EMERGENCY GENERATOR
- NAPILI WELL FIELD – GAC (GRANULAR ACTIVATED CARBON) VESSEL REPLACEMENT – **DESIGN/BUILD**
- IAO WATER TREATMENT PLANT – DAF (DISSOLVED AIR FLOATATION) IMPLEMENTATION – **DESIGN/BUILD**
- LAHAINA WATER SYSTEM IMPROVEMENTS – **DESIGN/BUILD**
- 5<sup>TH</sup> FLOOR RENOVATIONS – **DESIGN/BUILD**

# FY-2026 CAPITAL IMPROVEMENTS PROGRAM



## CURRENT ACTIVE PROJECTS – IN CONSTRUCTION

- WEST MAUI SOURCE DEVELOPMENT – KAHANA WELL
- PHASE 10 BOOSTER PUMP STATION UPGRADES (3 PUMP STATIONS) – OLINDA ROAD
- KANOA WELL #1 - MOTOR CONTROL CENTER UPGRADES
- OLINDA WATER TREATMENT PLANT CLEARWELL TANK (3-MILLION GALLON) REFURBISHMENT
- HAIKU-KAUHIKOA WELL – TANK REPLACEMENT
- LAHAINA WATER TREATMENT PLANT – FIRE SYSTEM UPGRADES
- KULA AG PARK BOOSTER PUMP STATION RELOCATION & UPGRADES
- RESERVOIR 40 (KULA AG PARK) DAM EMBANKMENT REPAIRS
- COUNTY-WIDE STEEL WATER TANK REPAIRS & REPLACEMENT (OLD WAILUKU HEIGHTS TANK)
- MAHINAHINA WATER TREATMENT PLANT - BACKWASH TANK REPLACEMENT
- WAIEHU HEIGHTS REPLACEMENT WELL WITH MOTOR CONTROL CENTER UPGRADES & EMERGENCY GENERATOR
- SEPTIC SYSTEM REPLACEMENTS AT PIIHOLO & KAMOLE WATER TREATMENT PLANTS
- WAIPUKA & KANAHA WELLS – MOTOR CONTROL CENTER UPGRADES WITH EMERGENCY GENERATORS (LAHAINA)
- LAUNIUPOKO AQUIFER SOURCE DEVELOPMENT – L-1 & L-3 WELLS – EXPLORATORY PHASE (PENDING EA APPROVAL)
- UPPER KULA TRANSMISSION IMPROVEMENTS (4-GULCH CROSSING)
- KEANINI STREET (HANA) WATERLINE REPLACEMENT
- KAWAIPUNA PLACE (WAILUKU) WATERLINE REPLACEMENT
- KAMOLE WATER TREATMENT PLANT – FILTER UPGRADES
- KOALI (HANA) MOTOR CONTROL CENTER & ELECTRICAL UPGRADES WITH EMERGENCY GENERATOR
- LAHAINA TOWN – LEAK MONITORING SYSTEM DESIGN & IMPLEMENTATION



# ALTERNATIVE DELIVERY METHODS

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## **INDUSTRY STANDARD: DESIGN / BID / BUILD**

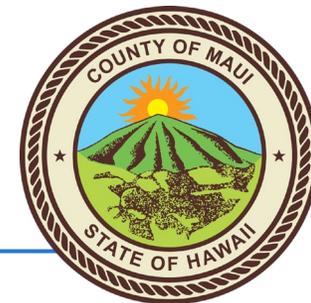
- Typical method involving a design contract & construction contract

## **DESIGN / BUILD**

- Consultant & Contractor team together – One Contract
- Total Cost determined at Contract Award (30% Conceptual)

## **PROGRESSIVE DESIGN / BUILD**

- Consultant & Contractor team together – One Contract
- Total Cost determined at a higher level of detail (80% Design)

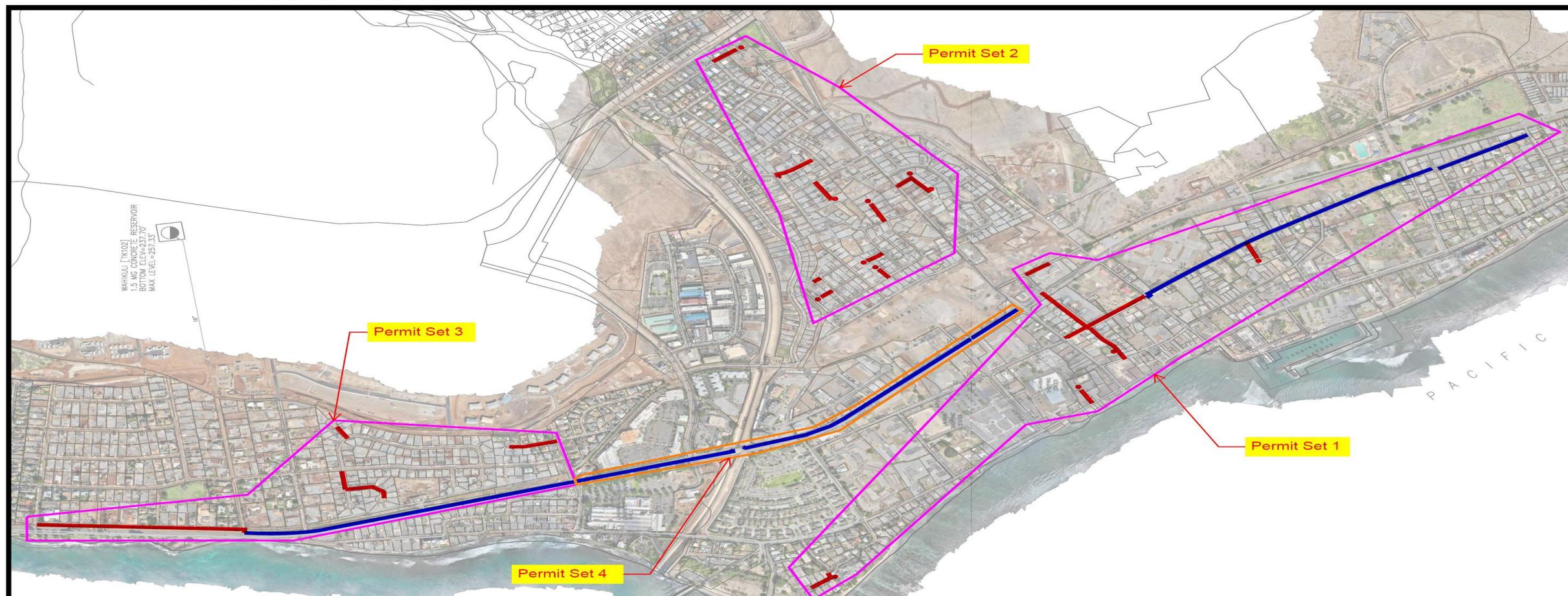


# DESIGN / BUILD PROCUREMENTS

## LAHAINA TOWN – WATER SYSTEM IMPROVEMENTS – EPA FUNDED

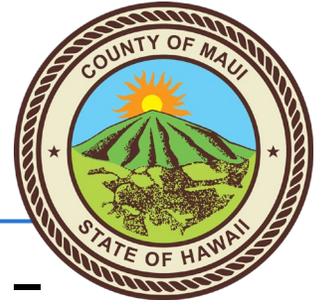
### ➤ GOODFELLOW BROS. & CAROLLO ENGINEERS

- Based on the Hydraulic Model of existing waterlines and current industry and DWS Standards and Criteria



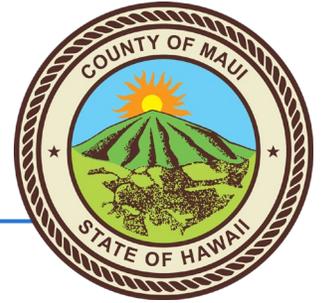


# DESIGN / BUILD PROCUREMENTS



- **NAPILI WELLS – GAC (GRANULAR ACTIVATED CARBON) REPLACEMENT – EPA (SRF) FUNDED**

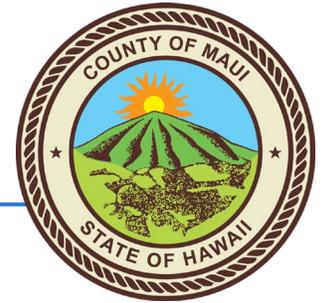




# DESIGN / BUILD PROCUREMENTS

- **IAO WATER TREATMENT PLANT – DAF (DISSOLVED AIR FLOATATION) IMPLEMENTATION**





# 6-YEAR PROJECT MAP - MAUI

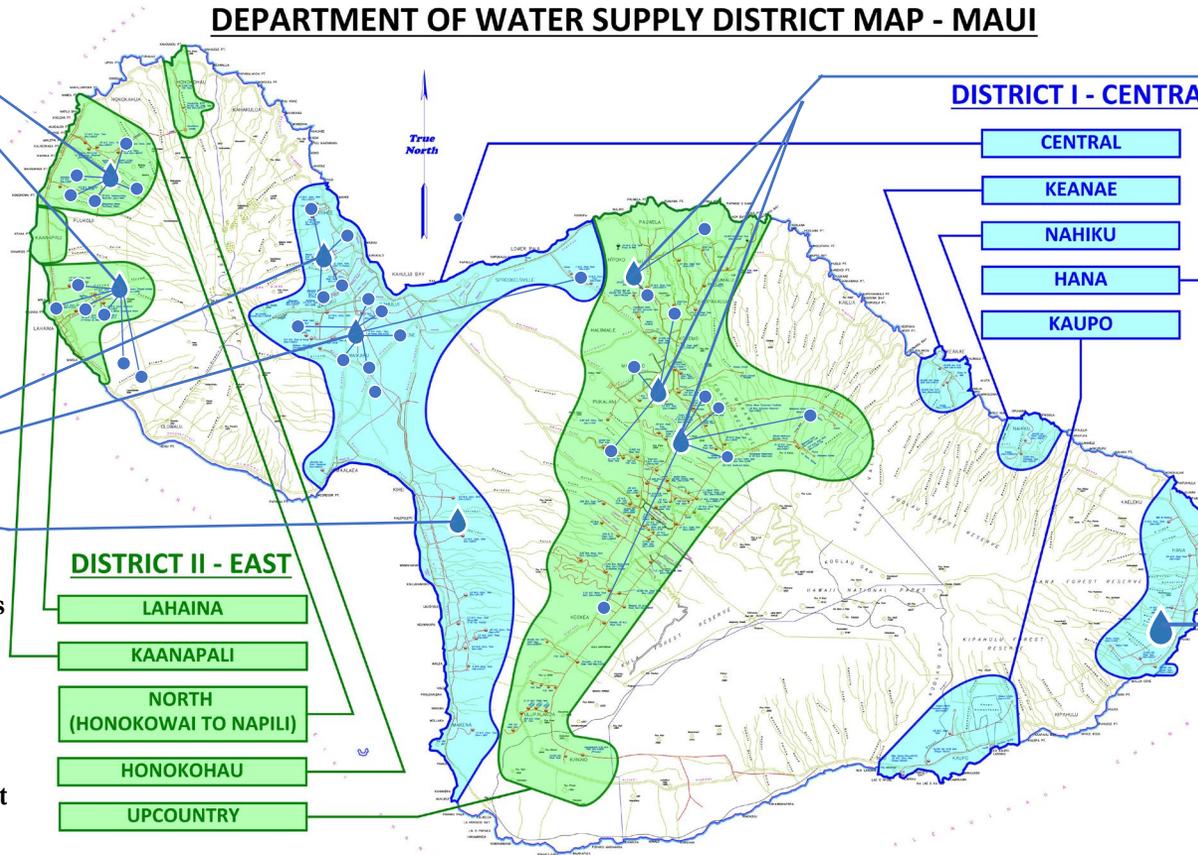
## West Maui

- Desalination WTP
- Mahinahina Well – Development Phase
- Launiupoko Well #1
- Honolua Aquifer Wells
- Launiupoko Motor Wells
- Mahinahina WTP – Filter Refurbishment
- Mahinahina WTP – Clearwell Refurbishment
- Mahinahina WTP – Raw Waterline
- Lahaina WTP – Controls Upgrade
- Napili Well ‘A’ GAC Vessel Replacement

## Central-South

- Desalination WTP
- Waiehu Heights Well Replacement
- New Transmission Line from H-Poko Wells Sprecklesville
- Old Wailuku Heights Tank Replacement
- Aleo Place Waterline Replacement
- Waikapu Waterline Replacement
- Kaahumanu Avenue Waterline Replacement
- Puunene Avenue Waterline Replacement
- Wilikona, Kemoa, and Keilio Waterline Replacement
- Iao WTP DAF System Implementation
- Malaihi Booster Pump and MCC Upgrades
- Kepaniwai Well – MCC and Electrical Upgrades

DEPARTMENT OF WATER SUPPLY DISTRICT MAP - MAUI



## Upcountry

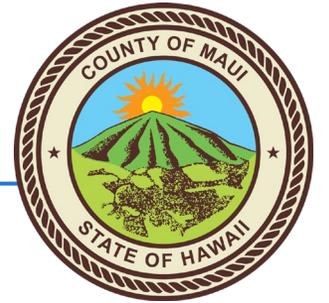
- Makawao Aquifer Well Development
- Upper Kula Intakes – Waikamoi to Olinda
- Kamole WTP – Raw Water Reservoirs
- Olinda WTP – Chlorination Upgrades
- Omaopio Road Tank Replacement
- North Holokai Tank Replacement
- Kokomo Road Tank Replacement
- Upper Kula Transmission Improvements
- Olinda WTP – Baffle Curtain Installation
- Olinda WTP – Controls Upgrade
- Dam Safety – Olinda WTP Reservoir

## East Maui

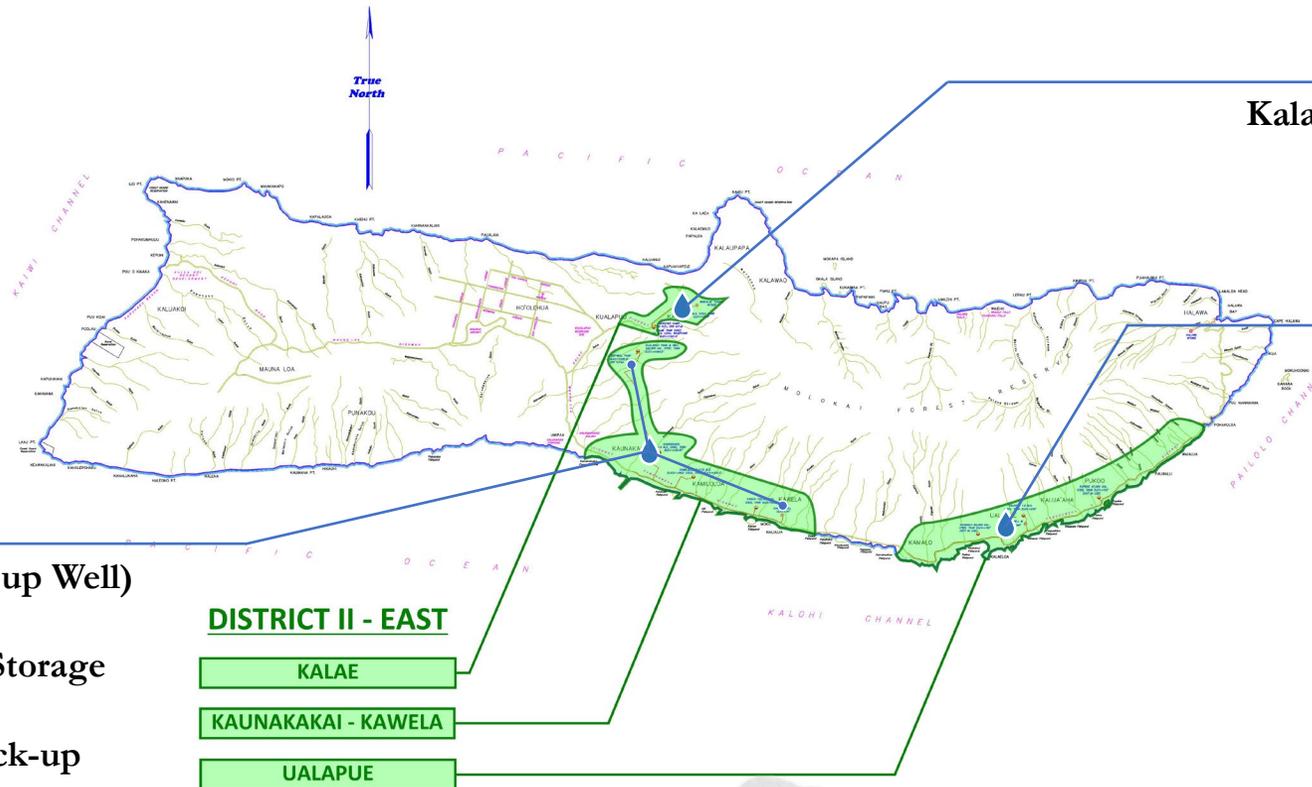
- Koali High Level Tank Replacement



# 6-YEAR PROJECT MAP - MOLOKAI



DEPARTMENT OF WATER SUPPLY DISTRICT MAP - MOLOKAI



## Kalae Area

Kalae Well (New Source Well) Development

## Ualapu'e

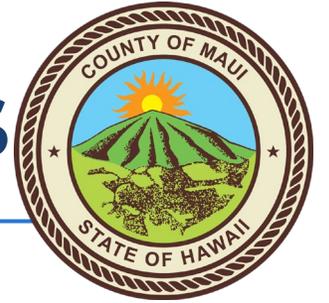
Ualapue Well #2 (Back-up Well) Development

## Kawela Area

- Kawela Well #2 (Back-up Well) Development
- Kawela 30,000 Gallon Storage Tank
- Kualapuu Well #2 (Back-up Well) Development



# EPA-DR (Disaster Relief) FY2026 CIP PROJECTS



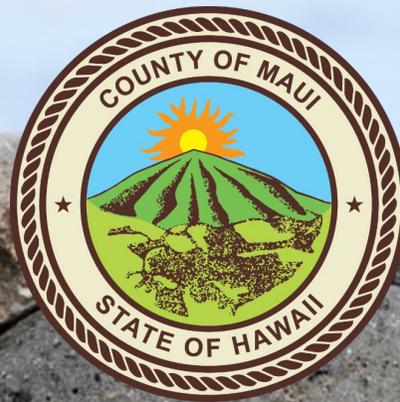
**Ordinance No. 5903, Bill 150 EPA-DR Funding = \$ 64,469,830**

- **FY-2026 Currently Encumbered Amount - \$ 9,086,000**
- **FY-2026 Anticipating Encumbrance Amount - \$ 13,100,000**
- **FY-2027 Anticipating Encumbrance Amount - \$ 24,400,000**
  
- **Balance to be used in FY2028-29 - \$ 17,883,830**

# MAHALO

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## FISCAL YEAR 2026 CIP BUDGET UPDATE



## WAI Committee

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**From:** Linda K. Kimura <Linda.Kimura@co.maui.hi.us>  
**Sent:** Thursday, March 12, 2026 10:21 AM  
**To:** WAI Committee  
**Cc:** John Stufflebean; James A. Landgraf; James L. Jensen; Thomas M. Ochwat  
**Subject:** WAI Committee Meeting-3/16 at 1:30 pm, WAI-1(8), Agenda Item  
**Attachments:** 2026-03-12 WAI-1(8) FY 26 CIP BUDGET Update WAI Com Presentation Final.pdf

Attached is Water Department's Presentation for WAI Committee meeting scheduled for 3/16 at 1:30 pm, Agenda Item WAI-1(8).

Thank you,

Linda