

Budget, Finance, and Economic Development Committee (2025-2027) on 2026-04-01 9:00 AM

Meeting Time: 04-01-26 09:00

eComments Report

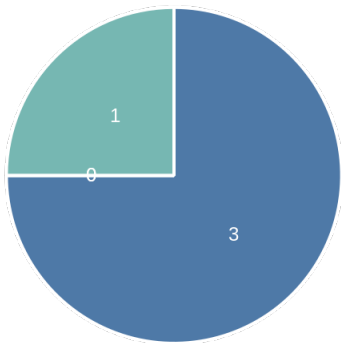
Meetings	Meeting Time	Agenda Items	Comments	Support	Oppose	Neutral
Budget, Finance, and Economic Development Committee (2025-2027) on 2026-04-01 9:00 AM	04-01-26 09:00	3	4	3	0	0

Sentiments for All Meetings

The following graphs display sentiments for comments that have location data. Only locations of users who have commented will be shown.

Overall Sentiment

Support (75%) Oppose (0%) Neutral (0%)
No Response (25%)



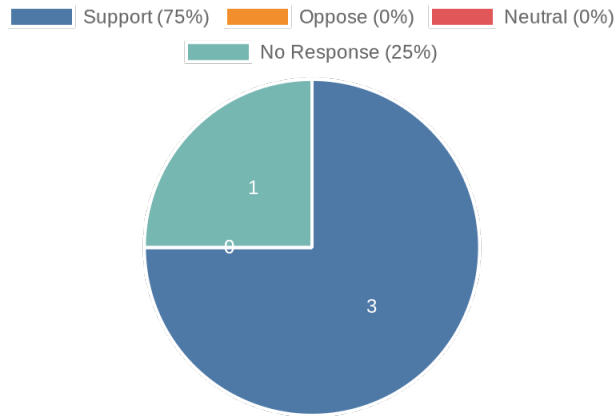
Budget, Finance, and Economic Development Committee (2025-2027) on 2026-04-01 9:00 AM
04-01-26 09:00

Agenda Name	Comments	Support	Oppose	Neutral
A G E N D A	1	1	0	0
BFED-1 PROPOSED FISCAL YEAR 2027 BUDGET FOR THE COUNTY OF MAUI (BFED-1)	2	1	0	0
BFED-20(11) ANNUAL COMPREHENSIVE FINANCIAL REPORT, SINGLE AUDIT REPORT, AND DEPARTMENT OF WATER SUPPLY'S FINANCIAL AUDIT REPORTS (BFED-20(11))	1	1	0	0

Sentiments for All Agenda Items

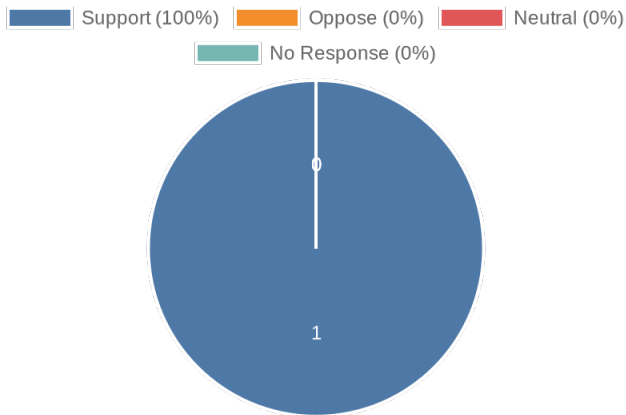
The following graphs display sentiments for comments that have location data. Only locations of users who have commented will be shown.

Overall Sentiment



Agenda Item: eComments for A G E N D A

Overall Sentiment



Guest User

Location:

Submitted At: 12:09pm 03-30-26

My name is Hallie Hunt, and I'm the Artistic Director of Adaptations Dance Theater, Maui's only professional contemporary dance company. I am writing today in strong support of continued County funding for Adaptations Dance Theater.

This year, ADT celebrates its 13th anniversary as a nonprofit arts organization. For over a decade, we've been committed to making Maui a place where professional dance can not only exist—but truly thrive. Through residencies, performances, education programs, and community engagement, we have built a homegrown ecosystem that supports dancers from pre-professional to professional, right here on our island.

The county's support over the past two years has had a transformative impact.

Because of this support, we have been able to double our programming, doubling both the opportunities for artists and access for our community. This funding has directly increased the amount of time artists are able to live and work on Maui, sustaining their careers without needing to leave home. It has meant more contracts, more creative time, and more stability for local artists.

At a time when small dance companies across the United States are closing their doors, we are incredibly proud—and deeply grateful—that Maui County has chosen to invest in keeping its only resident contemporary dance company alive and growing. That support is not something we take lightly. It is the reason this work is possible.

The impact of this funding extends far beyond our organization. It has meaningfully changed the lives of the artists we employ—offering them viable, professional pathways in the arts. It also sends a powerful message to our youth: that their county, their representatives, and their community believe that becoming an artist is not only valid, but valuable and supported.

The performing arts are essential to any healthy, vibrant community. They foster connection and a sense of belonging.

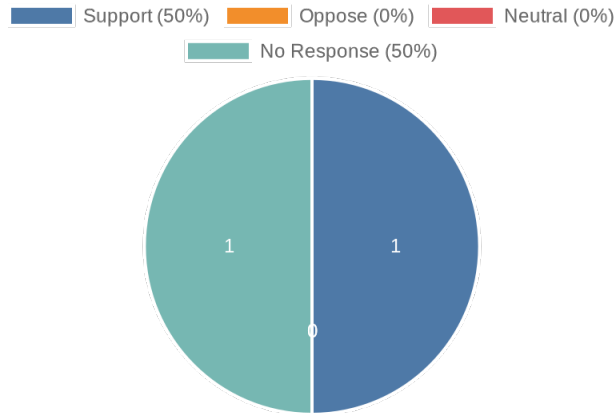
On behalf of our Board, our artists, and our community, I want to say mahalo nui loa for your continued support. Without it, this work would not be possible.

We respectfully ask for your continued investment in Adaptations Dance Theater, so we can keep building momentum, expanding opportunity, and ensuring that Maui remains a place where artists can live, work, and

thrive.
Mahalo for your time and consideration.

Agenda Item: eComments for BFED-1 PROPOSED FISCAL YEAR 2027 BUDGET FOR THE COUNTY OF MAUI (BFED-1)

Overall Sentiment



BFED Committee

Location:
Submitted At: 2:37pm 04-01-26

Testimonies received from BFED Committee

Travis Liggett

Location:
Submitted At: 7:00pm 03-31-26

Aloha Esteemed Chair Lee and Council Members,

Two simple budget amendments:

- \$4.3M for the Kihei WWRF, and
- \$1.8M for the Kahului-Wailuku WWRF

can immediately move Maui to the forefront of municipal wastewater sanitation by advancing the next steps for implementing reef-safe ultraviolet (UV) municipal wastewater disinfection for effluent discharges entering the ocean through functional equivalents of direct ocean releases through injection wells and groundwater systems on both Maui's north and south shores.

These budget amendments would materially advance work citizens have been asking for since the beginning of this decade, to protect our people and our reefs from avoidable sources of municipal pathogens.

Right now, after recent storms, fecal indicator bacteria levels are extremely high across Maui. We know why. Island groundwater systems store pathogens from groundwater effluent discharges over time, and during big rain events, it flushes them out to the ocean like a toilet.

These two proposed amendments fix that by accelerating full disinfection at the source.

No new money is needed. Just small reallocations to solve a big problem now.

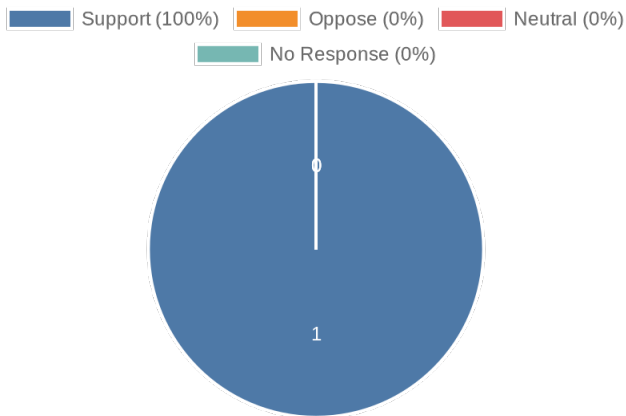
These amendments, or one combined amendment for both facilities, would take a giant leap toward realizing the revolutionary vision of Bill 52 (Ord. 5592, 2024) an entire decade before the target of 2039 codified into law.

Mahalo nui loa,

Travis Liggett, M.S.
+1 (808) 291-9934
travis.liggett@gmail.com

Agenda Item: eComments for BFED-20(11) ANNUAL COMPREHENSIVE FINANCIAL REPORT, SINGLE AUDIT REPORT, AND DEPARTMENT OF WATER SUPPLY'S FINANCIAL AUDIT REPORTS (BFED-20(11))

Overall Sentiment



Guest User

Location:
Submitted At: 11:36am 04-01-26

Aloha Councilmembers,

My name is Aaron “Moose” Reichert, owner of Krank Cycles Maui. For over 25 years, I’ve worked with youth on Maui—mentoring, repairing, and giving away thousands of bicycles to keiki across our community.

To answer question 12(b): Yes, the Maui Mountain Bike Coalition does have active sites for riding and service. These include ongoing trail stewardship and development areas in Makawao Forest Reserve, as well as the new Napili Community Bike Park in West Maui. These are not just riding areas—they are spaces where youth learn responsibility, stewardship, and community.

From firsthand experience, especially after the Lahaina fires, I can tell you that bicycles have been one of the most powerful tools for healing. We gave away over 1,400 bikes after the fires, and another 500 bikes to kids at Christmas, primarily to Lahaina fire survivors. What we saw was immediate—kids getting outside, reconnecting

with friends, moving their bodies, and beginning to process trauma in a healthy way.

Right now, many of our keiki are struggling with increased screen time, anxiety, depression, and declining physical health. Bikes provide a simple, proven solution—movement, independence, and connection.

The County already has strong safety and youth programs, but in our experience, they often face limitations in staffing and mobility. Programs are not always able to reach communities consistently, especially in more remote or impacted areas.

This is where Cycle Strong fills a critical gap.

A mobile bike program allows us to bring bikes, safety education, and mentorship directly into schools and communities—meeting kids where they are. This model is proven on the mainland, where mobile bike units and safety programs have significantly increased youth participation, safety awareness, and physical activity.

With this support, we can partner with existing County efforts, including Parks & Recreation and Maui Police Department, to expand bike safety education and youth engagement. A mobile unit would also allow us to serve Moloka_i and L_na_i—ensuring these communities are not left behind.

This is not duplicating services—it is strengthening and extending them.

We have the experience, the community trust, and the infrastructure to make this successful immediately.

Mahalo for your consideration and for supporting Maui's youth.

BFED Committee

From: Jim Langford <jimlangford@me.com>
Sent: Tuesday, March 31, 2026 6:42 AM
To: BFED Committee
Cc: James Langford; Jake Savageau; jsaunders@imiglobal.com; Rusty Walker
Subject: Langford CDBG DR formal request
Attachments: CDBG_DR_Application_12Stones.docx

[You don't often get email from jimlangford@me.com. Learn why this is important at <https://aka.ms/LearnAboutSenderIdentification>]

Please advise on a meeting my software has paid a majority of taxes in timeshare income for Hawaii since 1998. all trackable data with C-Level hotel partners globally.

8087651399

Signed and dated
James RCS Langford

U.S. Department of Housing and Urban Development
Community Development Block Grant — Disaster Recovery (CDBG-DR)
Lahaina Wildfire Recovery Program · Action Plan Subrecipient Application

Technology & Community Resilience Infrastructure

A Comprehensive Accountability, Housing, and Food Security Platform

for the Lahaina Wildfire Recovery — Maui County, Hawaii

Field	Details
Primary Applicant	Langford Consulting Trust / 12 Stones Global Inc.
Authorized Official	James Langford, CEO & Founder
Location	Maui County, Hawaii (Lahaina Recovery Zone)
Email	jimlangford@me.com
Grantee (Co-Applicant)	Maui County Office of Recovery (to be confirmed as co-applicant)
CDBG-DR Allocation	\$1,639,000,000 (HUD Allocation — Lahaina Wildfire Recovery)
Funds Requested (Subrecipient)	\$47,500,000 over 5 years (Technology + Housing + Agriculture)
HUD National Objective	Low-to-Moderate Income Benefit (LMI) — Urgent Need — Slum/Blight Elimination
Project Categories	Housing (24 CFR 570.202, 570.208) · Technology Infrastructure · Economic Development · Agriculture & Food Security

UEI / SAM Registration

[UEI TO BE INSERTED — active SAM.gov registration required prior to submission]

Section I: Executive Summary

Langford Consulting Trust / 12 Stones Global Inc. submits this subrecipient application under Maui County's HUD CDBG-DR Action Plan for the Lahaina Wildfire Recovery. We request \$47.5 million over five years to deploy three integrated recovery programs: (1) a county-wide technology and accountability platform (MauiOS) to manage and transparently report on CDBG-DR expenditures; (2) a modular affordable housing deployment program targeting Lahaina and West Maui displaced families; and (3) a distributed food security network anchored at the Hua Lani agricultural site in Kula, deploying 52 FarmBox hydroponic production units to reduce Maui's 85-95% food import dependence.

The 12 Stones platform is uniquely positioned for this work because it is purpose-built for exactly the accountability and community resilience challenge HUD's CDBG-DR program demands. The Real-time Accountability & Intelligence System (RAIS) — 188 immutable audit scrolls sealed on immudb blockchain — provides the documented financial management controls, citizen participation records, and project performance tracking that HUD requires as a condition of CDBG-DR drawdowns. The 52-node digital twin of Maui County (HFEv4) provides scenario-planning infrastructure for recovery decisions across every county department.

This application should be read in conjunction with the 12 Stones Sovereign Charter (SSC v5, 28 Articles), filed with Maui County Council on April 14, 2025, which establishes the governance framework, community wealth distribution model (GWT — 12.5% of public contracts), and IP ownership structure underlying the proposed platform.

Summary of Requested Funds by Program Area

Program Area	Year 1-2	Year 3-5	Total Request
MauiOS Technology & Accountability Platform	\$2,400,000	\$3,600,000	\$6,000,000
Modular Affordable Housing (Lahaina/West Maui)	\$12,000,000	\$18,000,000	\$30,000,000
Food Security Network (Hua Lani + 52 FarmBox Nodes)	\$3,500,000	\$5,250,000	\$8,750,000
Community Wealth & Financial Literacy (HCA/GWT)	\$900,000	\$900,000	\$1,800,000
Program Administration & Reporting	\$450,000	\$500,000	\$950,000
TOTAL SUBRECIPIENT REQUEST	\$19,250,000	\$28,250,000	\$47,500,000

Section II: Statement of Need — Lahaina Wildfire Recovery Context

A. Disaster Overview

On August 8, 2023, the deadliest United States wildfire in over a century devastated the historic town of Lahaina on the western coast of Maui, Hawaii. The fire killed 102 people, destroyed over 2,200 structures, displaced approximately 12,000 residents, and burned nearly 2,200 acres in the Lahaina and Kaanapali areas. Total damage estimates exceed \$5.5 billion.

HUD allocated \$1,639,000,000 in CDBG-DR funds to Maui County for recovery. As of Q1 2026, approximately 88% of this allocation — over \$1.4 billion — remains undeployed. The Maui County Office of Recovery has an approved Action Plan, but deployment has been slowed by fragmented project management infrastructure, limited technology capacity to document and report expenditures at HUD standards, and the complexity of coordinating housing, economic development, and community services simultaneously at this scale.

Critical Gap: HUD's CDBG-DR program requires documented accountability infrastructure — financial management controls, audit trails, citizen participation records, and quarterly performance reporting — before and during drawdowns. Maui County does not currently have a unified technology platform meeting these requirements at the scale of a \$1.639B recovery program.

B. Housing Need

The wildfire displaced an estimated 12,000 Maui residents, the majority of whom were low-to-moderate income families, Native Hawaiian households, and migrant workers in the tourism sector. As of early 2026, thousands remain in temporary accommodations. The pre-existing Maui housing crisis — characterized by median home prices exceeding \$1.2M and rental vacancy rates below 2% — makes market-rate rehousing inaccessible for most displaced families.

Maui County's FY2026 budget allocates \$32.5M to the Affordable Housing Fund (5% of certified Real Property Tax revenue). This represents the County's commitment but is far short of the estimated \$400M-\$600M needed to rehouse all displaced Lahaina households at long-term affordability standards. CDBG-DR housing investment is the primary mechanism available to close this gap.

C. Food Security Need

Maui imports 85-95% of its food supply, with most goods arriving by container ship from mainland ports. The Lahaina wildfire exposed the fragility of this dependence: supply disruptions during and immediately after the fire left West Maui communities without food access for multiple days. Even under normal conditions, Maui's food security is structurally compromised by its near-total reliance on off-island production.

The USDA has identified Maui County as a priority for local food system investment. The County's FY2026 agriculture budget includes 17 active programs totaling \$10.5M+, including the USDA Microenterprise grants program (\$3M), agricultural operations and infrastructure support, and educational programs. 12 Stones' Hua Lani agricultural project — a 9.2-acre site in Kula, Maui

zoned for agriculture and pending USDA 502 Direct Loan approval — provides the anchor infrastructure for a distributed 52-node food production network.

D. Community Accountability Need

Post-wildfire community trust in government institutions has been severely strained by the pace and transparency of recovery spending. Lahaina residents, Native Hawaiian organizations, and community advocates have publicly demanded documented evidence that CDBG-DR funds are being deployed equitably, efficiently, and with meaningful community participation. The 12 Stones Sovereign Charter — filed with Maui County Council in April 2025 — was developed in direct response to this accountability demand, establishing a Generational Wealth Trust (GWT) model that directs 12.5% of all public contracts to community members as documented, blockchain-verified distributions.

Section III: Program Description

Program Area 1 — MauiOS Technology & Accountability Platform (\$6,000,000)

MauiOS is a real-time county governance and accountability SaaS platform built on the 12 Stones Hyper Farming Engine v4 (HFEv4) — a 52-node digital twin of Maui County mapping every department, program, and capital project to a live audit layer. The platform directly addresses the accountability infrastructure gap identified in Section II.D and satisfies HUD CDBG-DR financial management and reporting requirements.

Core Components

- RAIS (Real-time Accountability & Intelligence System): 188 immutable audit scrolls sealed on immudb blockchain. Automated flagging of expenditure deviations. Real-time compliance triggers on 4 enforcement categories: fraud detection, financial audit, federal compliance, and accountability. All CDBG-DR drawdowns logged with blockchain-verified documentation chain.
- HFEv4 Digital Twin: 52-node live model of Maui County departments and programs. Enables scenario-planning for housing deployment, food security investments, and recovery spending allocation. Zones: Mauka (governance, nodes 1-18), Farmlands (agriculture/culture, nodes 19-36), Makai (revenue/franchise, nodes 37-52).
- Kīpuka Access Portal: Mobile and web community participation platform. Residents submit testimony, track recovery project status, and record concerns for formal inclusion in mediation proceedings. Satisfies HUD citizen participation requirements.
- MauiOS Budget Dashboard: Real-time visualization of all CDBG-DR expenditures against Action Plan commitments. Automated quarterly performance report generation for HUD submission. Financial variance alerts with 24-hour escalation protocols.
- Generational Wealth Trust (GWT) Tracking: 12.5% of all CDBG-DR subcontracts and public contracts processed through MauiOS are automatically flagged for GWT community distribution tracking. Splits: 10% to community fund (80% of GWT), 2% to trust management (16%), 0.5% to Langford fiduciary stewardship (4%).

HUD Compliance Capabilities

HUD Requirement (24 CFR 570)	MauiOS Capability
Financial Management Controls (§85.20)	RAIS blockchain audit trail; real-time expenditure monitoring; automated variance alerts; 24-hour escalation
Citizen Participation Plan (§91.105)	Kīpuka Access Portal — resident testimony submission; public comment tracking; community meeting records; dispute resolution documentation
Quarterly Performance Reports	Automated report generation from RAIS data; milestone tracking against Action Plan; output/outcome metrics by program area
Procurement Standards (§85.36)	All contracts processed through MauiOS with documented competitive procurement tracking and GWT allocation verification

National Objective Documentation	LMI beneficiary tracking at household and community level; urgent need documentation; program-specific national objective evidence files
Environmental Review Records	Digital twin integration with GIS for site-specific environmental review documentation; NEPA compliance tracking per project node

Program Area 2 — Modular Affordable Housing (\$30,000,000)

12 Stones Global will deploy a modular housing program targeting displaced Lahaina and West Maui households. The program utilizes FarmBox-adjacent modular construction technology — MauiPods — pre-fabricated housing units manufactured using recycled PETG/PLA feedstock supplied by Aloha Recycling (75 Amala Place, Maui). This approach reduces construction time, waste, and cost while keeping manufacturing employment on-island.

Program Components

- **Site Acquisition & Preparation:** Identification and preparation of 3-5 West Maui sites for modular housing clusters, in coordination with Maui County Office of Recovery permitting and County Planning Department. Target: 200-400 affordable housing units over 5 years.
- **Unit Construction & Deployment:** Pre-fabricated modular units at targeted cost of \$75,000-\$120,000 per unit, depending on size (studio to 3-bedroom). Energy-efficient design with solar-ready roofing and water conservation systems. Estimated 250 units over project term.
- **Affordability & Tenure Structure:** Units targeted at households earning 30-80% of Maui County Area Median Income (AMI). Mixed-tenure model: 50% rental assistance (Section 8 compatible), 30% lease-to-own through HCA homeownership pathway, 20% community land trust.
- **Hawaiian Community Assets (HCA) Integration:** HCA financial literacy and homeownership counseling provided to all households entering lease-to-own track. GWT distributions used to fund down-payment assistance and emergency household financial reserves.
- **Native Hawaiian Housing Priority:** Consistent with CDBG-DR equity requirements and HUD's commitment to Native Hawaiian community recovery, minimum 40% of housing units prioritized for Native Hawaiian families displaced by the Lahaina fire.

Program Area 3 — Food Security Network (\$8,750,000)

The 12 Stones food security program deploys 52 FarmBox hydroponic container units across Maui County's agricultural zones, anchored at the 9.2-acre Hua Lani property in Kula. Each unit is a 40-foot, climate-controlled container producing 175-200 lbs of vegetables per week — the equivalent of 2.5 acres of conventional farmland output. At full deployment, the 52-node network produces an estimated 9,100-10,400 lbs of fresh produce per week for local consumption.

Deployment Plan

Phase	Timeline	Units Deployed	Target Communities / Sites
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Phase 1	Year 1	6 units	Hua Lani anchor site (Kula) — pilot production and operator training hub
Phase 2	Year 2	12 units	West Maui recovery zone (Lahaina/Kaanapali) — food access for displaced communities
Phase 3	Year 3	18 units	Central Maui (Wailuku/Kahului) and South Maui (Kihei) — school cafeteria + hospital supply
Phase 4	Year 4-5	16 units	East Maui (Hana), Upcountry (Kula/Makawao), and Molokai/Lanai partner sites
TOTAL	5 Years	52 Units	Full 52-node Maui food production network operational

- Where Food Comes From (WFCF) Integration: All 52 nodes certified under WFCF blockchain traceability at \$3,000/farm/year. Provides farm-to-table supply chain documentation for restaurant, institutional, and direct-to-consumer buyers.
- Operator Training: FarmBox Foods (CEO Rusty Walker) trains local operators for each unit. Target: 52 full-time equivalent farm operator positions, prioritizing Lahaina disaster-displaced workers and Native Hawaiian agricultural practitioners.
- Revenue Model: Units operated by trained community members under a revenue-sharing model aligned with the GWT framework. Each unit generating \$6,000-\$10,000/month in produce revenue funds operator livelihoods and GWT community distributions.

Program Area 4 — Community Wealth & Financial Literacy (\$1,800,000)

Hawaiian Community Assets (HCA) delivers financial literacy education, homeownership counseling, and GWT distribution facilitation to Lahaina recovery households. HCA is an established Maui non-profit with documented experience in Native Hawaiian financial empowerment and homeownership pathway programs — making it the ideal partner for the community wealth dimension of this CDBG-DR application.

- Financial Literacy Workshops: Quarterly workshops in Lahaina/West Maui serving displaced households. Topics: budgeting, credit rebuilding, homeownership readiness, insurance recovery, federal assistance navigation.
- GWT Distribution Administration: HCA manages the 10% Community Fund distribution from all CDBG-DR contracts processed through MauiOS. Transparent, blockchain-verified distributions to eligible Lahaina recovery households.
- Homeownership Pathway Counseling: One-on-one HUD-approved housing counseling for households entering the lease-to-own track under Program Area 2.

Section IV: National Objective Compliance

A. Low-to-Moderate Income (LMI) Benefit — Primary National Objective

All four program areas primarily benefit low-to-moderate income persons as defined under 24 CFR 570.208(a). The Lahaina wildfire disproportionately impacted LMI households, who had fewer financial resources to evacuate, lost rental housing with no equity to fall back on, and face the highest barriers to recovery in Maui's extreme housing market.

Program Area	LMI Qualification Method	Documentation
MauiOS Platform	Area Benefit (LMA)	Platform serves all Maui County residents; at least 51% LMI per Census tract data for recovery zone
Affordable Housing	LMH — Housing Benefit	All units restricted to households at 30-80% AMI; income verification at occupancy; deed restrictions recorded
Food Security Network	LMC — Limited Clientele	Units sited in LMI census tracts; produce distributed to food pantries and community food programs serving LMI households
Community Wealth / GWT	LMC — Limited Clientele	GWT distributions targeted to displaced Lahaina households; HCA maintains income-qualified beneficiary list

B. Urgent Need — Secondary National Objective

Program Area 2 (Housing) qualifies under the Urgent Need national objective in addition to LMI benefit. The Lahaina wildfire constitutes an officially declared federal disaster (FEMA DR-4724-HI), creating conditions of urgency that pose a serious and immediate threat to the health and welfare of the community for which the County of Maui does not have sufficient resources to address.

Section V: Implementation Plan and Timeline

Period	Program Activity	Key Milestones & Deliverables
Q1 Year 1	All Programs	Subrecipient agreement executed; SAM.gov registrations active; MOU with all 5 partners signed; environmental review initiated for housing and food security sites
Q2-Q3 Year 1	MauiOS	Platform modules 1-6 in alpha; RAIS live with CDBG-DR tracking; Kīpuka portal launched; HUD financial management controls documentation complete
Q2-Q4 Year 1	Housing	Site selection final (3-5 West Maui sites); environmental review NEPA clearance; first procurement package for modular units issued; HCA counseling begins for initial 50 households
Q3-Q4 Year 1	Food Security	Hua Lani property closing (USDA 502 Direct); 6 FarmBox units deployed; WFCF certification for Nodes 1-6; first harvest delivered to Lahaina food access programs
Year 2	All Programs	50+ housing units occupied; 18 FarmBox nodes producing; MauiOS fully operational with first annual HUD performance report submitted; GWT distributions tracking \$2M+
Year 3	All Programs	150+ housing units occupied; 36 FarmBox nodes producing; MauiOS expanded to 3 additional county programs; CDBG-DR drawdown pace at \$8-10M/year
Year 4-5	All Programs	250 housing units at full occupancy; 52 FarmBox nodes producing 10,000+ lbs/week; full RAIS operational transfer to Maui County; GWT distributed \$10M+ to community

Section VI: Budget Detail

A. Full Budget by Program and Year

Budget Category	Yr 1	Yr 2	Yr 3	Yr 4-5	Total
MauiOS Platform Build & Licensing	\$1,200,000	\$600,000	\$720,000	\$3,480,000	\$6,000,000
Housing — Site Acquisition	\$2,000,000	\$2,000,000	\$1,500,000	\$0	\$5,500,000
Housing — Construction (250 units @ \$98K avg)	\$4,900,000	\$7,350,000	\$7,350,000	\$4,900,000	\$24,500,000
FarmBox Units — 52 nodes (\$33,200 each)	\$199,200	\$398,400	\$597,600	\$531,200	\$1,726,400
Food Security — Ops, Training & WFCF Certs	\$700,000	\$1,200,000	\$1,800,000	\$3,323,600	\$7,023,600
HCA — Counseling, GWT Admin & Literacy	\$360,000	\$360,000	\$360,000	\$720,000	\$1,800,000
Program Administration & HUD Reporting	\$190,000	\$190,000	\$190,000	\$380,000	\$950,000
TOTAL	\$9,549,200	\$12,098,400	\$12,517,600	\$13,334,800	\$47,500,000

Note: Housing construction costs are based on \$75,000-\$120,000 per modular unit using Maui-manufactured MauiPods (Aloha Recycling feedstock). Cost will be finalized upon site-specific engineering review. FarmBox unit costs are based on manufacturer's documented price of \$33,200/unit.

Section VII: Organizational Capacity

A. Applicant Qualifications

12 Stones Global Inc. / Langford Consulting Trust brings 15+ months of documented platform development (January 2025 - March 2026), spanning 906 source documents across 8+ research domains, toward the design and deployment of the MauiOS county intelligence platform. The 12 Stones Sovereign Charter (SSC v5) was formally filed with Maui County Council on April 14, 2025, demonstrating demonstrated engagement with county governance processes.

B. Partner Network Qualifications

Partner	Qualifications Relevant to CDBG-DR Work
FarmBox Foods (Rusty Walker)	85+ container farms deployed globally; 2025 "Coolest Thing Made in Colorado" winner; patented vertical hydroponic technology; active agricultural producer via FarmBox Foods Fresh (Sedalia, CO). Full equipment supply, installation, and training capability.
Hawaiian Community Assets (HCA)	Established Maui non-profit with documented track record in Native Hawaiian financial literacy, homeownership pathways, and community asset-building. HUD-approved housing counseling agency. Ideal partner for CDBG-DR citizen participation and LMI beneficiary documentation requirements.
Where Food Comes From (WFCF)	Leading blockchain-based agricultural traceability and sustainability certification provider. \$3K/farm/year certification creates documented supply chain transparency meeting USDA and HUD program integrity standards for agricultural investments.
Maui County Office of Recovery	HUD-designated grantee for the \$1.639B CDBG-DR allocation. Active CDBG-DR Action Plan. Authority to designate subrecipients under 24 CFR 570.500. Partnership with 12 Stones as the technology subrecipient enables the County to dramatically increase deployment capacity and HUD compliance infrastructure.

Section VIII: Community Benefit and Equity

A. Beneficiary Population

The primary beneficiaries of this CDBG-DR subrecipient program are Lahaina and West Maui residents displaced by the August 8, 2023 wildfire — a population that is disproportionately low-income, renter-occupied, Native Hawaiian, Filipino American, and migrant worker. The equity design of this program specifically prioritizes: Native Hawaiian households (40% housing unit priority); households earning 30-80% AMI; workers displaced from Lahaina's tourism sector without homeownership equity; and food-insecure families in the recovery zone.

B. Generational Wealth Trust — Structural Equity Mechanism

The GWT model embedded in the 12 Stones Sovereign Charter is the most distinctive structural equity feature of this application. Every contract, subcontract, and public expenditure processed through MauiOS triggers an automatic 12.5% community distribution. On a \$47.5M subrecipient program, this represents \$5.9M in documented, blockchain-verified community wealth distributions over five years — flowing directly to Lahaina recovery households, not to contractors or intermediaries.

HUD's CDBG-DR program prioritizes programs that build long-term community wealth, not just temporary assistance. The GWT model operationalizes this priority in every contract dollar spent.

Section IX: Required Certifications and Attachments

Required Item	Status	Notes
SF-424 Application for Federal Assistance	Pending	Submit via HUD DRGR or GrantSolutions
SF-424A Budget Information	Pending	Based on Section VI budget tables above
Subrecipient Agreement (executed with Maui County)	Required	County must authorize 12 Stones as subrecipient under 24 CFR 570.500
MOU (all 5 parties)	Drafted	Ready for signature — initiate execution with County
12 Stones Sovereign Charter (SSC v5)	Filed	Filed Maui County Council April 14, 2025
Project Narrative (this document)	Complete	Finalize and attach as PDF
Environmental Review (NEPA)	Required	Housing and food security sites require site-specific ER before construction drawdowns
SAM.gov Active Registration (UEI)	Required	[Register / confirm active — required before any federal award]
Articles of Incorporation + IRS EIN	Attach	12 Stones Global Inc. corporate documents
Financial Statements (2 years) or Audit	Required	HUD requires documented financial capacity for subrecipients >\$750K
Key Personnel Resumes	In Preparation	James Langford + all project leads
Partner MOUs / Letters of Commitment	In Preparation	FarmBox Foods, HCA, WFCF commitment letters

IMPORTANT: The path to CDBG-DR funding for 12 Stones runs through Maui County's Office of Recovery. The County is the HUD grantee. 12 Stones must be formally designated as a subrecipient under 24 CFR 570.500 before any drawdown is possible. Execute the MOU and subrecipient agreement as the first priority action.

Section X: Authorized Signature

I certify that the information contained in this subrecipient application is accurate and complete, that the organization named herein has the legal and organizational capacity to serve as a CDBG-DR subrecipient, and that all activities and expenditures will be conducted in full compliance with 24 CFR Part 570, HUD CDBG-DR program requirements, and applicable federal, state, and county regulations.

Field	Details
Name	James Langford
Title	CEO & Founder, 12 Stones Global Inc. / Langford Consulting Trust
Email	jjimlangford@me.com
Charter Filed	12 Stones Sovereign Charter (SSC v5) — Maui County Council, April 14, 2025
Date	[DATE OF SUBMISSION]

Signature: _____

Date:

James Langford, CEO & Founder
12 Stones Global Inc. / Langford Consulting Trust
Maui, Hawaii

BFED Committee

From: Jim Langford <jimlangford@me.com>
Sent: Tuesday, March 31, 2026 6:45 AM
To: BFED Committee
Subject: Langford - MAUI OS SOLUTION (c)
Attachments: MauiOS_County_Pitch_Deck.pptx

Please advise when we can discuss a locally made and grounded software solution. The outside contractors are using funds NOT CORRUPT as per Gabe's article reference. But ineffectively identifying institutional corruption over time that lead to death in Lāhainā. This solves that model and allows people to thrive.

Signed and dated
James RCS Langford

12 STONES GLOBAL

MauiOS

County Intelligence
Platform

Real-time audit.
Grant accountability.
Community sovereignty.

CONFIDENTIAL DRAFT · FOR MAUI COUNTY EXECUTIVE
REVIEW

Prepared by James Langford, CEO · 12 Stones Global Inc.

jimlangford@me.com · Maui, Hawaii

\$1.991B

FY2026 MAUI COUNTY BUDGET UNDER MANAGEMENT

\$1.639B CDBG-DR Lahaina Recovery · **88% undeployed**

Moody's Aa2 · S&P AA+ · Fitch AA+

The Problem Maui County Faces Today

A \$2B budget with no real-time accountability layer

Fragmented Reporting

Budget data spans 12+ departments with no unified real-time view. Audit reports arrive 12-18 months after expenditure.

CDBG-DR Accountability Gap

\$1.639B in federal recovery funds allocated. HUD requires documented oversight. 88% sits undeployed with growing compliance exposure.

No Digital Twin

Capital projects, ag programs, and recovery spending have no integrated simulation or scenario-planning environment.

Community Trust Deficit

Post-Lahaina wildfire, residents demand transparent, participatory access to how recovery dollars are spent and distributed.

Grant Stacking Complexity

\$357M in FY2026 grant revenue from 20+ sources. No single system tracks compliance obligations, reporting deadlines, or co-application alignment.

Agriculture Program Fragmentation

17 active agriculture programs (\$10.5M+) with no unified performance dashboard or traceability layer.

The Opportunity

Three converging forces create a historic window

\$1.639B

HUD CDBG-DR

Lahaina wildfire recovery — 88% undeployed. HUD requires documented project management & accountability. MauiOS is the oversight infrastructure.

\$1.991B

County FY2026 Budget

Largest Maui County budget in history. \$357M in grant revenue (+64% YoY). Real-time audit SaaS at \$120K/yr = 0.006% of budget.

\$369M

5-Year Revenue Forecast

MauiOS as the anchor creates a replicable franchise model across 50+ municipalities nationwide. County license = the proof-of-concept.

What is MauiOS?

A sovereign operating system for county governance, accountability, and community wealth

MauiOS is a real-time audit and intelligence SaaS platform built on the 12 Stones Hyper Farming Engine v4 — a 52-node digital twin of Maui County that maps every department, program, and capital project to a live accountability layer anchored in the 12 Stones Sovereign Charter (filed Maui County Council, April 14, 2025).

01

Mākaukau Protocol

Charter logic engine + UE5 governance visualization + glyph system

02

‘Ike Kumu Stack

RAIS — 188 immutable audit scrolls, immudb blockchain, real-time compliance

03

Pā Ki‘i Framework

Visual & ceremonial UX — community-facing transparency portal

04

Kīpuka Access Portal

Mobile app + resident testimony engine + community voice recording

05

‘Ōnaehana Holo

WFCF blockchain traceability + grant stacking + ag program compliance

06

Kānaenae Compiler

Legal scroll sealing — legislation → Charter → immudb permanent record

HFEv4 – The 52-Node Digital Twin of Maui County

Every department, program, and dollar mapped to a live governance node

Zone 1 – Mauka

Nodes 1-18 · Governance & Upland

- County Council
- Managing Director
- Corporation Counsel
- Budget & Finance
- Human Resources
- Emergency Management
- Planning & GIS
- Audit & Compliance

Zone 2 – Farmlands

Nodes 19-36 · Agriculture & Culture

- Agriculture Department
- Economic Development
- Parks & Recreation
- Housing
- Environmental Management
- Hawaiian Affairs
- Arts & Culture
- Education Programs

Zone 3 – Makai

Nodes 37-52 · Ocean, Revenue & Franchise

- Water Resources
- Public Works
- Transportation
- Fire & Rescue
- Police
- Health Services
- Revenue & Tax
- Franchise & License

Node 53 — Emergency Override Protocol · Node 54 — Sovereign Full-System Audit · 2 Joker Nodes reserved for crisis governance

Why Maui County Needs MauiOS for CDBG-DR

HUD requires documented accountability on \$1.639B — 88% of which is undeployed

RAIS — Real-time Accountability & Intelligence System

- 188 immutable audit scrolls sealed on immudb blockchain
- Automated flagging of expenditure deviations from budget
- Real-time compliance triggers on 4 enforcement categories: fraud, financial, federal, accountability
- Legistar scraper — council agenda auto-processing for legislative traceability
- All CDBG-DR drawdowns logged with blockchain-verified documentation

What HUD Requires for CDBG-DR Compliance

- Action Plan implementation tracking with milestone reporting
- Documented procurement and contracting oversight
- Citizen participation records and community voice evidence
- Financial management controls with audit trails
- Quarterly Performance Reports + Annual Impact Assessments

\$1.639B

CDBG-DR Lahaina Recovery
Total Allocation

88%

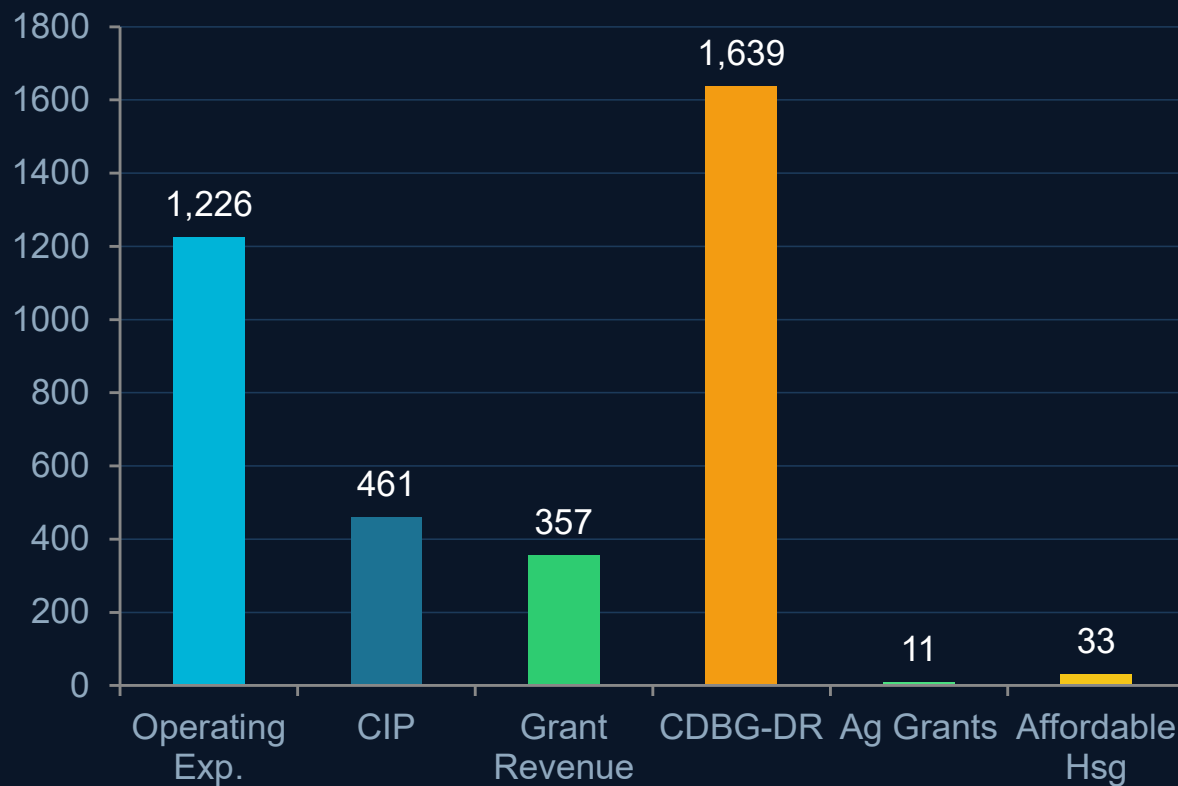
Undeployed as of
Q1 2026

\$120K/yr

MauiOS County License
= 0.007% of CDBG-DR

FY2026 Budget Alignment

Every dollar tracked — operating, CIP, and grant revenue



**\$1.51
2B**

Operating Revenue
(ordinance)

**+64.4
%**

Grant Revenue Growth
FY2025 → FY2026

12

Departments tracked
across 52 HFE nodes

**\$248
M**

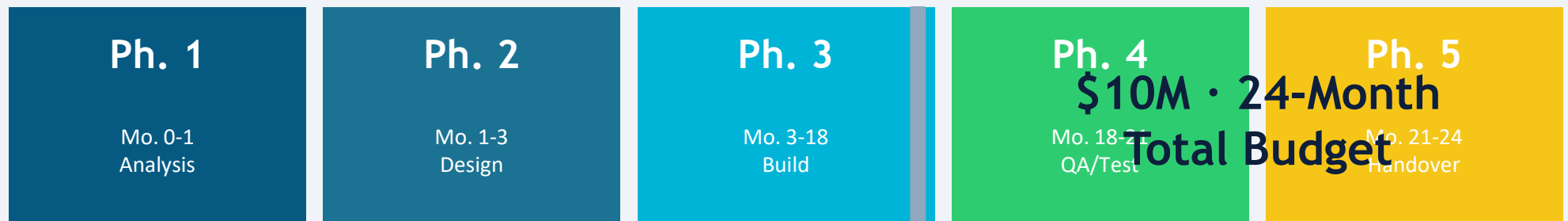
GWT potential at 12.5%
of full budget deployment

Partnership Framework – The MOU

5-phase, 24-month, \$10M implementation with four anchor partners

Party	Role	MOU Commitment
Langford Consulting Trust / 12 Stones Global	Primary Project Manager & Technology Provider	Software platform, digital twin, RAIS, grant management
Maui County Office of Recovery	Land Access, Permitting & Public Communications	Site access, regulatory pathway, CDBG-DR co-application
FarmBox Foods (Rusty Walker)	Hydroponic Technology & Equipment Supply	\$2.025M — 52-unit deployment + operator training
Hawaiian Community Assets (HCA)	Financial Literacy & GWT Distribution	\$1.35M — homeownership + community wealth pathways
Where Food Comes From (WFCF)	Blockchain Traceability & Sustainability Certification	\$3K/farm/yr — ag program accountability layer

5-PHASE IMPLEMENTATION



The ROI Case for Maui County

\$120K/yr license against \$2B+ in managed budget and federal accountability exposure

\$120K

Annual MauiOS
County License

0.006%

License cost as %
of \$1.991B budget

\$50M+

HUD audit liability
exposure (est.) if CDBG-DR
not properly documented

417x

Return — License cost
vs. CDBG-DR exposure
(conservative)

What Maui County Gets

- Real-time audit dashboard across all 12 departments
- CDBG-DR compliance infrastructure that satisfies HUD reporting requirements
- Community participation and resident voice portal (Kīpuka Access)
- Agriculture program traceability (WFCF blockchain layer)
- Digital twin for scenario-planning on capital projects and recovery spending
- Generational Wealth Trust (GWT) implementation — 12.5% of public contracts to community

What MauiOS Costs Without Acting

- Continued HUD non-compliance exposure on \$1.639B CDBG-DR allocation
- Lahaina recovery delays from fragmented project management tools
- Missed co-application opportunities on FEMA BRIC (\$25M) and DOE REAP (\$10M)
- No unified grant tracking as \$357M in federal revenue flows through 20+ sources
- Foregone GWT community wealth distribution of up to \$248M/yr at full deployment

Grant Pipeline – \$1.75B+ Accessible with County Partnership

MauiOS enables co-application on every major federal grant

Grant Program	Amount	Timeline	MauiOS Role
HUD CDBG-DR (Lahaina Recovery)	\$1.639B	Active (Action Plan)	Accountability infrastructure + project management platform
USDA VAPG (Hua Lani — Hawaii)	\$500K	Next NOFA (Fall 2026)	Digital twin + grant compliance tracking
USDA VAPG (FarmBox Foods — Colorado)	\$500K	Next NOFA (Fall 2026)	FarmBox Foods Fresh co-applicant coordination
FEMA BRIC (Wildfire Mitigation)	\$25M	Q2 2026	Node 53 Emergency Override + IoT early warning
DOE REAP (Rural Energy)	\$10M	Q2 2026	FarmBox solar integration + ag energy metering
USDA Rural Dev CF	\$5M	Rolling	Community food infrastructure — Hua Lani site
USDA 502 Direct (Hua Lani Property)	\$3.4M	Active	Land acquisition financing — under review
USDA RBDG	\$500K	Q3 2026	Rural business development — Hua Lani operators
TOTAL PIPELINE	\$1.784B+		County partnership required for co-application eligibility

5-Year Financial Model

Maui County as the anchor — franchise expansion to 50 municipalities



Y1 2026 **\$8.5M** Maui County license + VAPG + USDA 502

Y2 2027 **\$25M** 3 county licenses + CDBG-DR deployment fees

Y3 2028 **\$52M** 10 counties + FEMA BRIC + Sage Game licensing

Y4 2029 **\$95M** 25 counties + franchise + IoT fleet revenue

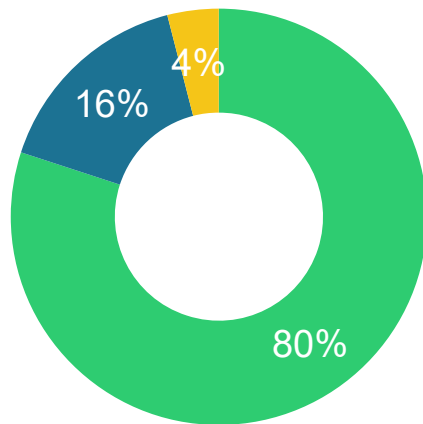
Y5 2030 **\$189M** 50 counties + national ag network + GWT flow

5-Year Cumulative: \$369.5M

Generational Wealth Trust (GWT)

12.5% of all public contracts directed to community wealth — built into the platform

The 12 Stones Sovereign Charter mandates a Generational Wealth Trust allocation on every public contract processed through MauiOS. At full deployment against Maui County's \$1.991B budget, this represents \$248M per year flowing to community members — tracked transparently on the blockchain.



■ Community Fund ■ Trust Management
■ Langford Fiduciary

10% — Community Fund

80% of GWT flow — direct distribution to Maui families

2% — Trust Management

16% of GWT — HCA administration, financial literacy programs

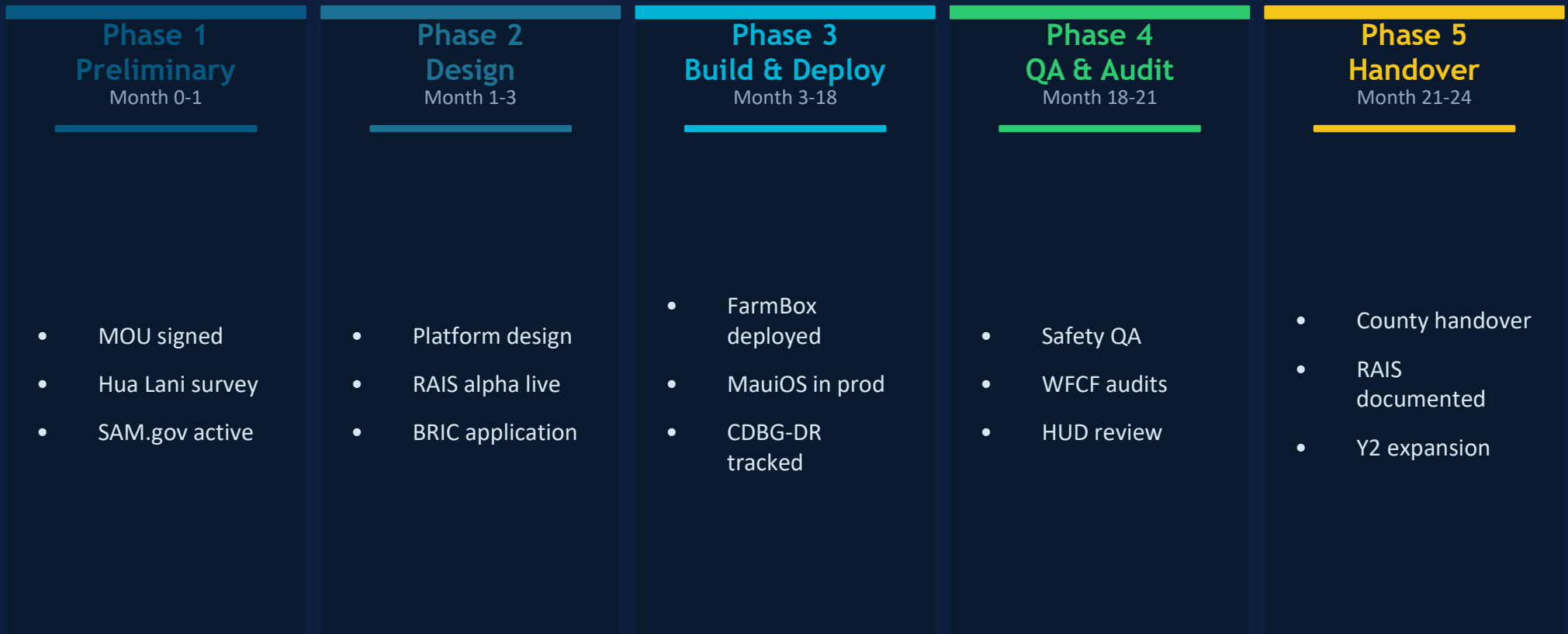
0.5% — Langford Fiduciary

4% of GWT — charter stewardship fee (James Langford)

FY2026 GWT Baseline: \$46.45M · Full deployment: \$248.9M/yr

Implementation Timeline

24-month MOU → production-ready county platform



The Ask – Three Actions to Start

Execute the MOU · License MauiOS · Co-apply on CDBG-DR

01

Execute the MOU

Authorize Maui County Office of Recovery to execute the 5-party MOU with Langford Consulting Trust, FarmBox Foods, HCA, and WFCF. 24-month, \$10M, 5-phase scope. Drafted — ready for signature.

Contact: Josiah Nishita
Timeline: 60 days to Phase 1

02

Authorize the MauiOS License

Approve \$120K/yr Tier 2 Municipal County License — full 52-node HFEv4, RAIS blockchain audit, digital twin, community portal, and all 6 software modules.

Term: 12 months, renewable
CDBG-DR module included

03

Co-Apply on CDBG-DR + FEMA BRIC

Authorize Office of Recovery as co-applicant on the CDBG-DR Action Plan and FEMA BRIC application. 12 Stones is the technology subrecipient. Both applications are drafted.

FEMA BRIC: Q2 2026
CDBG-DR: active now

12 STONES GLOBAL INC.

REGENERATE · EDUCATE · GOVERN · LIBERATE

Ready to talk.

James Langford

CEO & Founder, 12 Stones Global Inc.

jimlangford@me.com

12 Stones Sovereign Charter · SSC v5 · Filed Maui County Council, April 14, 2025

MauiOS · HFEv4 Digital Twin · RAIS Blockchain Audit · Generational Wealth Trust · Sovereign Charter

BFED Committee

From: Moose Riechert <moose@krankmaui.com>
Sent: Wednesday, April 1, 2026 11:05 AM
To: BFED Committee
Subject: Cycle Strong program

You don't often get email from moose@krankmaui.com. [Learn why this is important](#)

Aloha Councilmembers,

My name is

Aaron “Moose” Reichert, owner of Krank Cycles Maui. For over 25 years, I’ve worked with youth on Maui—mentoring, repairing, and giving away thousands of bicycles to keiki across our community.

To answer question 12(b): Yes, the Maui Mountain Bike Coalition does have active sites for riding and service. These include ongoing trail stewardship and development areas in Makawao Forest Reserve, Poli Poli Forest Reserve, as well as the new West Maui Bike Park. These are not just riding areas—they are spaces where youth learn responsibility, stewardship, and community.

From firsthand experience, especially after the Lahaina fires, I can tell you that bicycles have been one of the most powerful tools for healing. We gave away over 1,400 bikes after the fires, and another 500 bikes to kids at Christmas, primarily to Lahaina Keiki fire survivors. What we saw was immediate—kids getting outside, reconnecting with friends, moving their bodies, and beginning to process **Trauma** in a healthy way.

Right now, many of our keiki are struggling with increased screen time, anxiety, depression, and declining physical health. Bikes provide a simple, proven solution—movement, independence, and connection.

The County already has strong safety and youth programs, but in our experience, they often face limitations in staffing and mobility. Programs are not always able to reach communities consistently, especially in more remote or impacted areas.

This is where Cycle Strong fills a critical gap.

A mobile bike program allows us to bring bikes, safety education, and mentorship directly into schools and communities—meeting kids where they are. This model is proven on the mainland, where mobile bike units and safety programs have significantly increased youth participation, safety awareness, and physical activity.

With this support, we can partner with existing County efforts, including Parks & Recreation and Maui Police Department, to expand bike safety education and youth engagement. A mobile unit would also allow us to serve Moloka’i and Lāna’i—ensuring these communities are not left behind.

This is not duplicating services—it is strengthening and extending them.

We have the experience, the community trust, and the infrastructure to make this successful immediately.

Mahalo for your consideration and for supporting Maui's youth.



AAron"MOOSE"Reichert / Owner

moose@krankmaui.com

Krank Cycles Maui

[\(808\) 572-2299](tel:(808)572-2299)

Lāhainā, Kahului, Makawao

www.krankmaui.com



BFED Committee

From: Maui Mountain Bike Coalition <mountainbikemaui@gmail.com>
Sent: Wednesday, April 1, 2026 11:10 AM
To: BFED Committee; County Clerk
Subject: Testimony

You don't often get email from mountainbikemaui@gmail.com. [Learn why this is important](#)

Dear Members of the Budget Advisory Council,

My name is Raymond Watson, and I am the President of the Maui Mountain Bike Coalition (MMBC). I am writing to provide a formal clarification regarding our grant application to the Department of Human Concerns (DHC) for our "Cycle Strong" program. Specifically, I would like to address Item 12.b. on page 10 of the correspondence to Ms. Jessica Crouse, Acting Director Department of Human Concerns (which relates to the Department's inquiry about whether the Coalition has a dedicated site to provide rides and services)

While MMBC does privately lease, fund, and operate the West Maui Bike Park in Napili for free public use, it is important to emphasize that the Cycle Strong program is designed as a mobile initiative. The grant we have requested is specifically intended to fund a mobile bike clinic, including the purchase of a trailer and additional bikes.

The rationale for this mobile model is rooted in our commitment to equity and access: For many of Maui's youth, the lack of reliable transportation is a significant hurdle to participating in healthy recreational activities. By utilizing a mobile trailer, we can travel directly to schools, youth sites, and underserved neighborhoods biking instruction to the students where they are.

We believe that this mobile outreach is the most effective way to reach our target goals of serving hundreds of students annually through school-based clinics.

Thank you for your time and for your consideration of this program, which we believe will foster stronger community connections and resilience for our youth.

Sincerely,

Raymond Watson

President

Maui Mountain Bike Coalition est. 2012

BFED Committee

From: County Clerk
Sent: Wednesday, April 1, 2026 11:18 AM
To: BFED Committee
Subject: FW: Cycle Strong program

From: Sean O'Donnell <calirish4@gmail.com>
Sent: Wednesday, April 1, 2026 11:14 AM
To: County Clerk <County.Clerk@mauicounty.us>
Subject: Cycle Strong program

You don't often get email from calirish4@gmail.com. [Learn why this is important](#)

Please support the Cycle Strong program. I'm 59yrs old and some of my best childhood memories revolve around bike riding. Me and my friends would hop on our bikes and explore the mountain trails near our houses. The freedom and fresh air that we experienced was incredible. We used to ride our cruisers (from having paper-routes) to and from baseball practice for a 6 mile round trip and that was a team building experience with my friends and it certainly made the pedaling easier with buddies. The Cycle Program should be in every school in the country. My boys were fortunate to have a Kindergarten teacher that had small bikes to ride for physical education hour at school, Great memories for my children as well as myself.

Thank you for your consideration,
Sean O'Donnell

BFED Committee

From: Lissa Strohecker <lissa.strohecker@hawaii.edu>
Sent: Wednesday, April 1, 2026 12:34 PM
To: BFED Committee
Cc: Jorge Renteria Bustamante
Subject: 2025 Maui Impact Report for County Council
Attachments: 2025 Impact Report MISC.pdf

You don't often get email from lissa.strohecker@hawaii.edu. [Learn why this is important](#)

Aloha,

The Maui Invasive Species Committee is pleased to share our 2025 Annual Impact Report with Councilmembers and staff. This work is due in large part to partnership and support of Maui County and we value your commitment to mālama 'āina across Maui and Molokai.

We want to extend a special mahalo to the Environmental Protection and Sustainability Division of the Department of Environmental Management and to the Department of Water Supply for their project funding.

[2025 Impact Report for the Maui Invasive Species Committee](#). You should have received hard copies as well.

Thank you for all you do for communities across Maui County. We look forward to continued collaboration in the year ahead.

Me ke aloha,

Lissa Strohecker

Public Relations and Education Specialist
Maui Invasive Species Committee
Cell: 808-344-2756
Website: mauiinvasive.org
Facebook: facebook.com/mauiinvasive
Instagram: @mauiinvasive
PO Box 983
Makawao, HI 96768

Report a pest at www.643pest.org

MISC is a project of the Pacific Cooperative Studies Unit (PCSU) University of Hawai'i at Mānoa.



MISC

MAUI INVASIVE SPECIES COMMITTEE



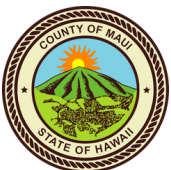
MoMISC

MOLOKA'I/MAUI INVASIVE SPECIES COMMITTEE

2025 IMPACT

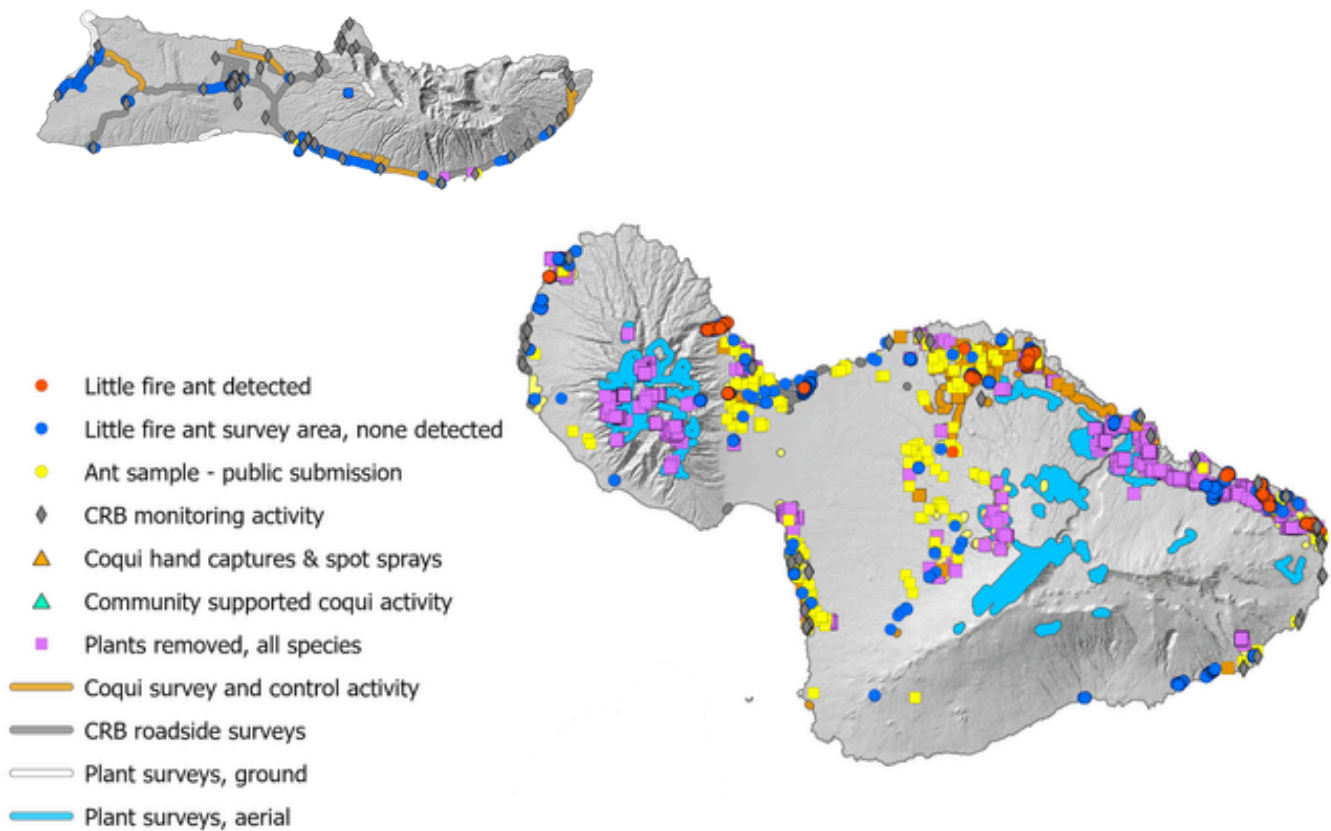
INVASIVE SPECIES RESPONSE IN MAUI COUNTY

MISC and MoMISC protect Maui County's native species, agriculture, water resources, and livelihoods through proactive invasive species response. By acting early and working across jurisdictions, we help safeguard community well-being and the future of our island home.



2025 ACCOMPLISHMENTS

34,623 INVASIVE PLANTS REMOVED	351 ACRES IN PROTECTION (LFA)	315,000+ PEOPLE REACHED
97 PRIORITY COQUI POPULATIONS CONTROLLED	108 CRB DETECTION TRAPS DEPLOYED	



MISC and MoMISC are part of Hawai'i's network of county-based Invasive Species Committees (ISCs). **Working locally and coordinating statewide**, ISCs prioritize county-level response through local capacity and strong partnerships. As projects of the Pacific Cooperative Studies Unit - University of Hawai'i at Mānoa, MISC and MoMISC can respond rapidly to emerging threats and align work with community priorities—making the ISC model both flexible and highly effective.

PREVENTION TARGETS

COCONUT RHINOCEROS BEETLE (CRB)

0

known CRB populations on Maui or Molokai

5,602

palm trees surveyed

108

pheromone traps deployed

Community-led interim rule bans CRB-host materials to Molokai

CRB continues to spread on O‘ahu, Kaua‘i and Hawai‘i Island, increasing risk to Maui through interisland movement. Sustained early detection and rapid response capacity are essential to prevent establishment and avoid the long-term ecological and economic impacts seen elsewhere in Hawai‘i.



RAPID ‘ŌHI‘A DEATH (ROD)

24

samples collected from public reports

5

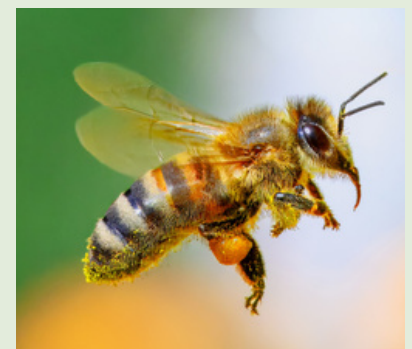
detections of ROD confirmed at a single site

Destroy 100% of infected material in collaboration with partners

Consistent with the Maui Nui Detection and Response Plan, MISC provides early detection and rapid response to ROD by investigating public reports and collecting samples for analysis. Without sustained funding for surveillance and outreach, accidental reintroduction could undo containment success.

PORTS OF ENTRY MONITORING

Invasive species often spread long distances and cross oceans as undetected hitchhikers. MISC and MoMISC maintain monitoring traps for **Africanized honey bee, coconut rhinoceros beetle, and invasive ant species** at Maui County ports and harbors as part of the interagency Ports of Entry Monitoring Program. These actions provide a secondary layer of protection beyond cargo inspection.



Africanized honey bee

ISLAND-WIDE ERADICATION

LITTLE FIRE ANTS

MISC leads the response to little fire ants on Maui, coordinating detection, treatment, and eradication efforts in close partnership with property owners, land managers, and the community. Community reports have led to the discovery of 75 percent of LFA infestations on Maui.

121

acres in
treatment
across 12 sites

14

acres
eradicated
in 2025

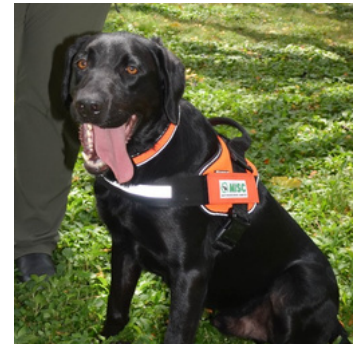
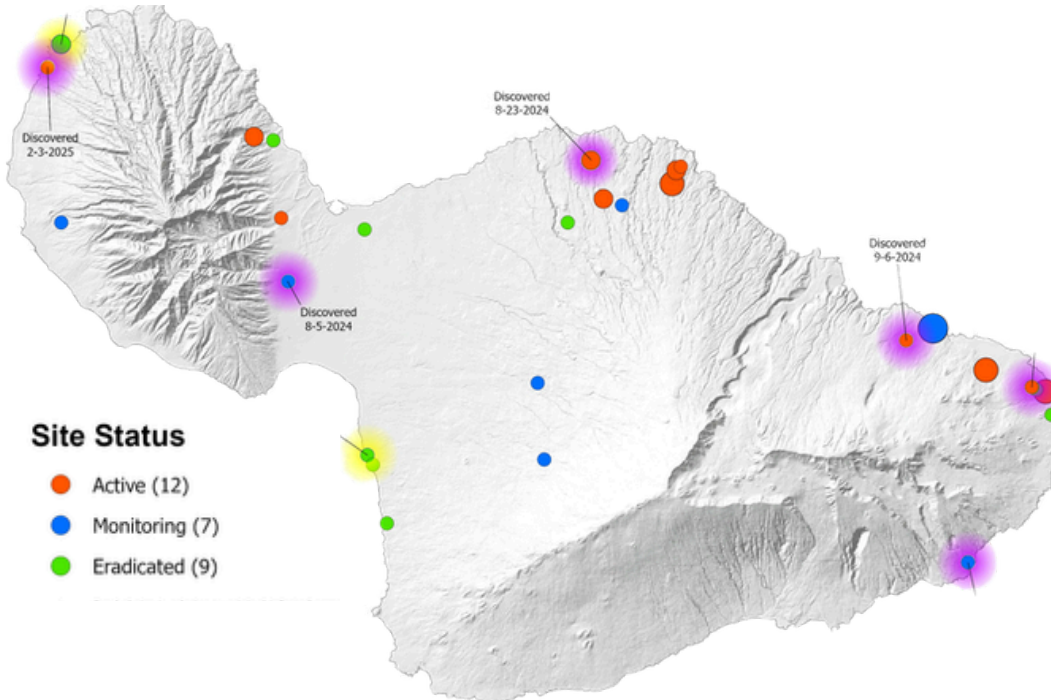
38

searches
across 23 sites
by Detector
Dog Freddie

517

resident-
submitted
samples

MOLOKAI: 0 detections on Molokai; 653 samples collected by MoMISC.



ONGOING CHALLENGES: Little fire ant treatment acreage increased dramatically in the last two years by nearly 100 acres, from roughly 24 acres to 121. MISC currently manages ants across 40 different treatment zones, up from 16 at the end of 2023. This spread is testing response capacity.

Finding little fire ants early remains the most cost-effective strategy; maintaining momentum is critical to prevent reaching the tipping point seen elsewhere in Hawai'i.

CONTAINMENT AND COMMUNITY-BASED ACTION

COQUI FROGS

MISC is the primary responder to coqui frogs on Maui, leading island-wide efforts to prevent spread by eliminating outlier populations and supporting community-based control. A dedicated team of five staff focuses on **eliminating outliers**, containment, and empowering residents to take action in their own neighborhoods.

2

populations
eradicated in
2025,
bringing
total to 29

97

priority
outlier
populations
controlled

45,069

pounds of
citric acid
distributed to
community
members

148

community
equipment
loans

PREVENTING ISLAND-WIDE ESTABLISHMENT: Coqui arrived on Maui around the same time as Hawai'i Island; sustained MISC response has kept infestations limited and localized rather than widespread.



ONGOING CHALLENGES: Human-assisted spread remains the greatest risk. Movement of infested plants and materials continues to undermine control efforts. Four nurseries are currently confirmed infested, requiring sustained response, outreach, and compliance support.

Building community capacity through training, equipment loans, and support is critical to mitigating the impact of coqui in infested areas and limiting spread island-wide.

LONG-TERM MANAGEMENT

PRIORITY PLANTS

MISC and MoMISC work island-wide on Maui and Molokai on priority invasive plants, focusing on species that threaten watersheds, increase wildfire risk, and spread rapidly. Work is prioritized where early intervention can prevent long-term ecological and community impacts.

22,767

acres
surveyed by
ground/air

34,623

target plants
removed across
Maui and
Molokai

1

new species
detected and
eradicated



ONGOING CHALLENGES: Terrain limits ground access in West Maui, making aerial operations essential for effective pampas grass control. Continued spread of this fire-adapted species threatens watersheds, increases wildfire risk, and jeopardizes nearby communities if left unmanaged.

In East Maui, miconia is outpacing control efforts. Additional resources are needed for aerial control.

OUTREACH

OUTREACH AND EDUCATION

Outreach sets the foundation for response capacity, supporting early detection, prevention, and access across all priority species programs. Targeted engagement helps reduce human-assisted spread, increases reporting, and extends the impact of limited field resources.

15

community workshops reaching conservation staff, landscapers, and general public

5,172

individuals reached through direct, on-the-ground engagement: classroom visits, community events, and presentations

328,615

people reached statewide through coordinated broadcast media and print coverage



ONGOING CHALLENGES: Direct, in-person engagement is the most effective way to change behavior and prevent spread; it is also time-intensive and constrained by staff capacity.

Most invasive species spread on Maui are human-assisted. Effective outreach leads to earlier detection and response, greater efficacy and efficiency.

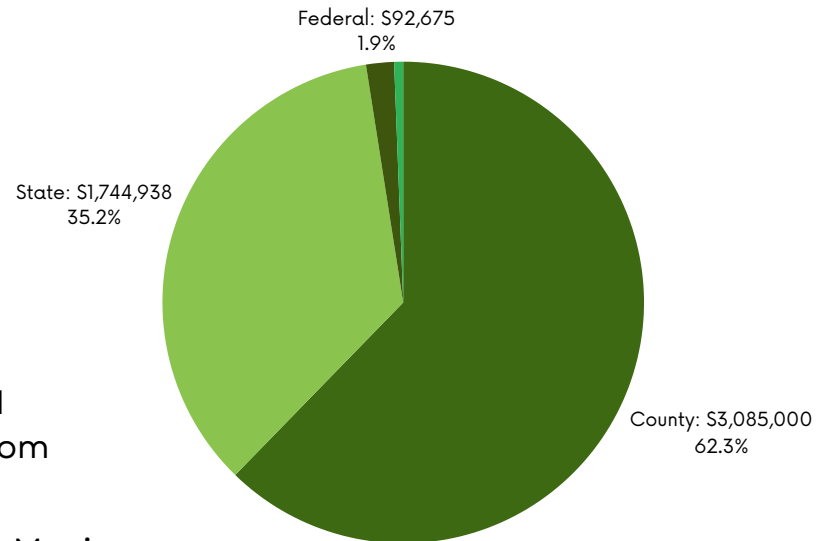
A COORDINATED, LOCAL RESPONSE MODEL

Strong working relationships with the County of Maui, National Park Service, Department of Land and Natural Resources (DLNR), Hawai'i Department of Agriculture and Biosecurity (HDAB), the University of Hawai'i, watershed partnerships, and other organizations ensure a coordinated response.

Our teams operate across **public and private lands**, providing local response capacity that meets statewide goals and helps prevent priority invasive species from becoming widespread.

MISC and MoMISC employ **41** staff across Maui County. Long-standing relationships in the community, including in Hāna and on Molokai, support early reporting, access, and cooperation.

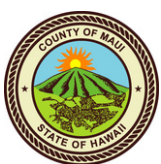
FY26 FUNDING*



*Includes FY25 funds received in FY26

THE COST OF INACTION

Invasive species become **exponentially more costly to manage once established**. Little fire ants spread via waterways and human movement; every new site increases the cost and difficulty of containment. Coqui frogs in nurseries threaten island-wide establishment. **Early intervention is always more cost-effective than long-term management.**



mauinvasive.org

March 31, 2026

Aloha Esteemed Chair Lee and Council Members,

Two simple budget amendments:

- \$4.3M for the Kihei WWRF, and
- \$1.8M for the Kahului-Wailuku WWRF

can immediately move Maui to the forefront of municipal wastewater sanitation by advancing the next steps for implementing reef-safe ultraviolet (UV) municipal wastewater disinfection for effluent discharges entering the ocean through functional equivalents of direct ocean releases through injection wells and groundwater systems on both Maui's north and south shores.

These budget amendments would materially advance work citizens have been asking for since the beginning of this decade, to protect our people and our reefs from avoidable sources of municipal pathogens.

Right now, after recent storms, fecal indicator bacteria levels are extremely high across Maui. We know why. Island groundwater systems store pathogens from groundwater effluent discharges over time, and during big rain events, it flushes them out to the ocean like a toilet.

These two proposed amendments fix that by accelerating full disinfection at the source.

No new money is needed. Just small reallocations to solve a big problem now.

These amendments, or one combined amendment for both facilities, would take a giant leap toward realizing the revolutionary vision of Bill 52 ([Ord. 5592](#), 2024) an entire decade before the target of 2039 codified into law.

Mahalo nui loa,

Travis Liggett, M.S.

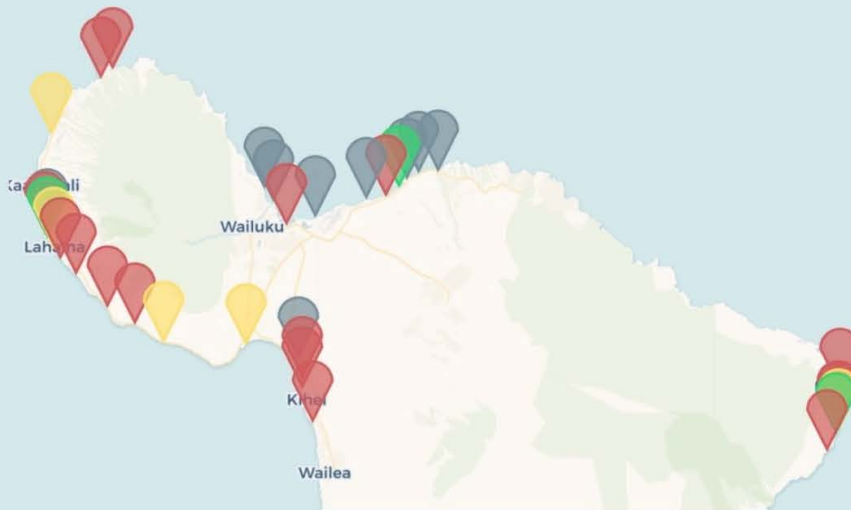
+1 (808) 291-9934

travis.liggett@gmail.com



WATER QUALITY REPORT

Enterococcus Bacteria Levels
for March 18, 2026 Collection



(0 - 35) Low Bacteria (36 - 129) Medium Bacteria (> 130) High Bacteria

*East Maui samples collected on March 9

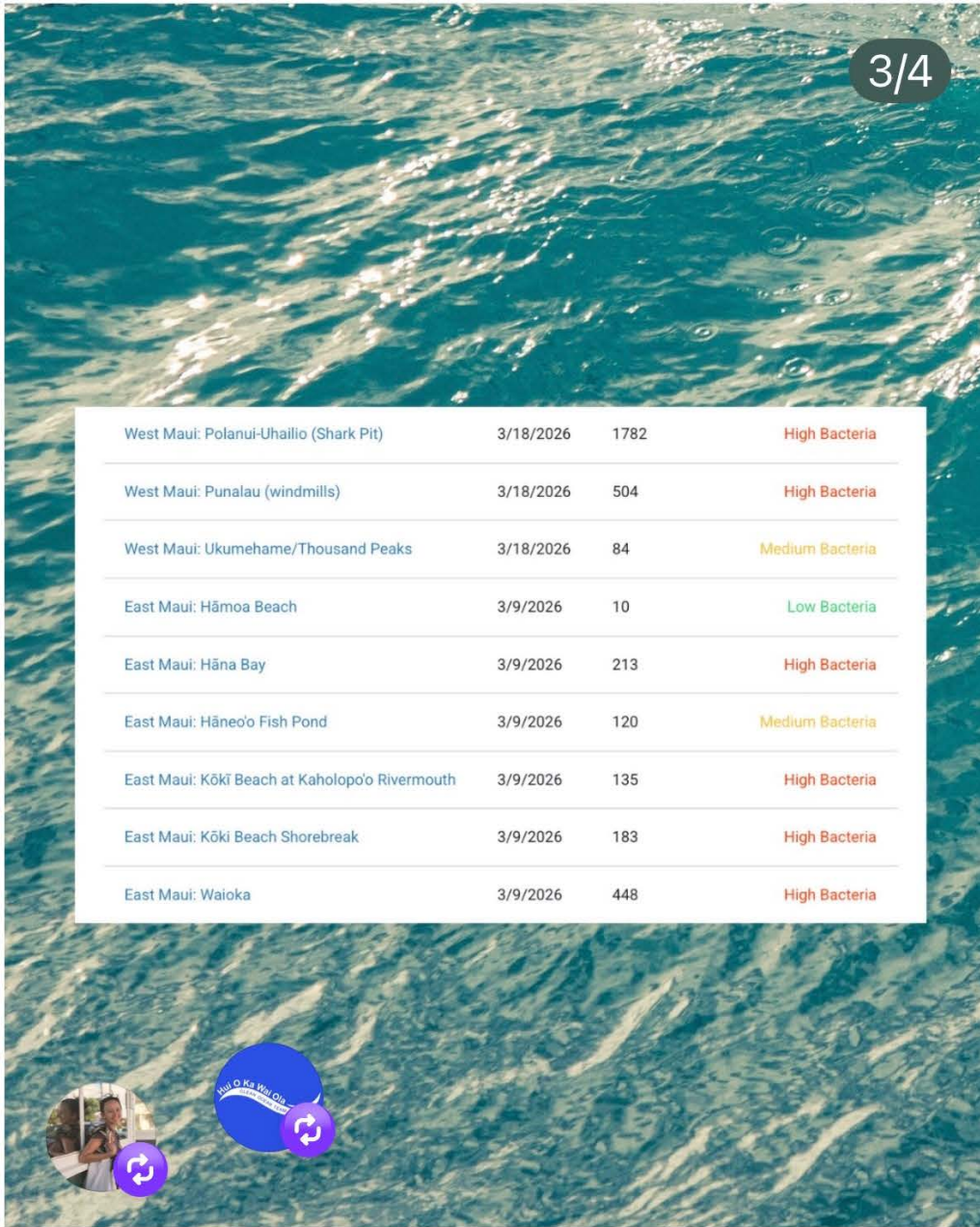


527 23 43 751



Liked by mauirapidresponse and others

surfridermaui ⚠️ Recent Kona storm causing high bacteria levels across Maui... more



527 23 43 751

Liked by  and others

surfridermaui ⚠️ Recent Kona storm causing high bacteria levels across Maui... more

2/4

Site	Date	Enterococcus	Indication Of
North Maui: Kahului Harbor	3/18/2026	754	High Bacteria
North Maui: Pā'ia Bay	3/18/2026	629	High Bacteria
North Maui: Tavares Beach	3/18/2026	10	Low Bacteria
South Maui: Kalepolepo Beach Park	3/18/2026	317	High Bacteria
South Maui: Mā'alaea Bay	3/18/2026	110	Medium Bacteria
South Maui: The Cove	3/18/2026	2613	High Bacteria
South Maui: Waipuilani	3/18/2026	2981	High Bacteria
West Maui: Baby Beach	3/18/2026	<10	Low Bacteria
West Maui: Guard Rails	3/18/2026	350	High Bacteria
West Maui: Honolua Bay	3/18/2026	4786	High Bacteria
West Maui: Lāhainā Harbor	3/18/2026	121	Medium Bacteria
West Maui: Mala Ramp	3/18/2026	1376	High Bacteria
West Maui: Olowalu Mile Marker 14	3/18/2026	2333	High Bacteria
West Maui: Olowalu Surf Spot	3/18/2026	626	High Bacteria
West Maui: Pohoiki (Pohoiki Beach)	3/18/2026	73	Medium Bacteria

 527
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  751
 

 Liked by mauirapidresponse and others

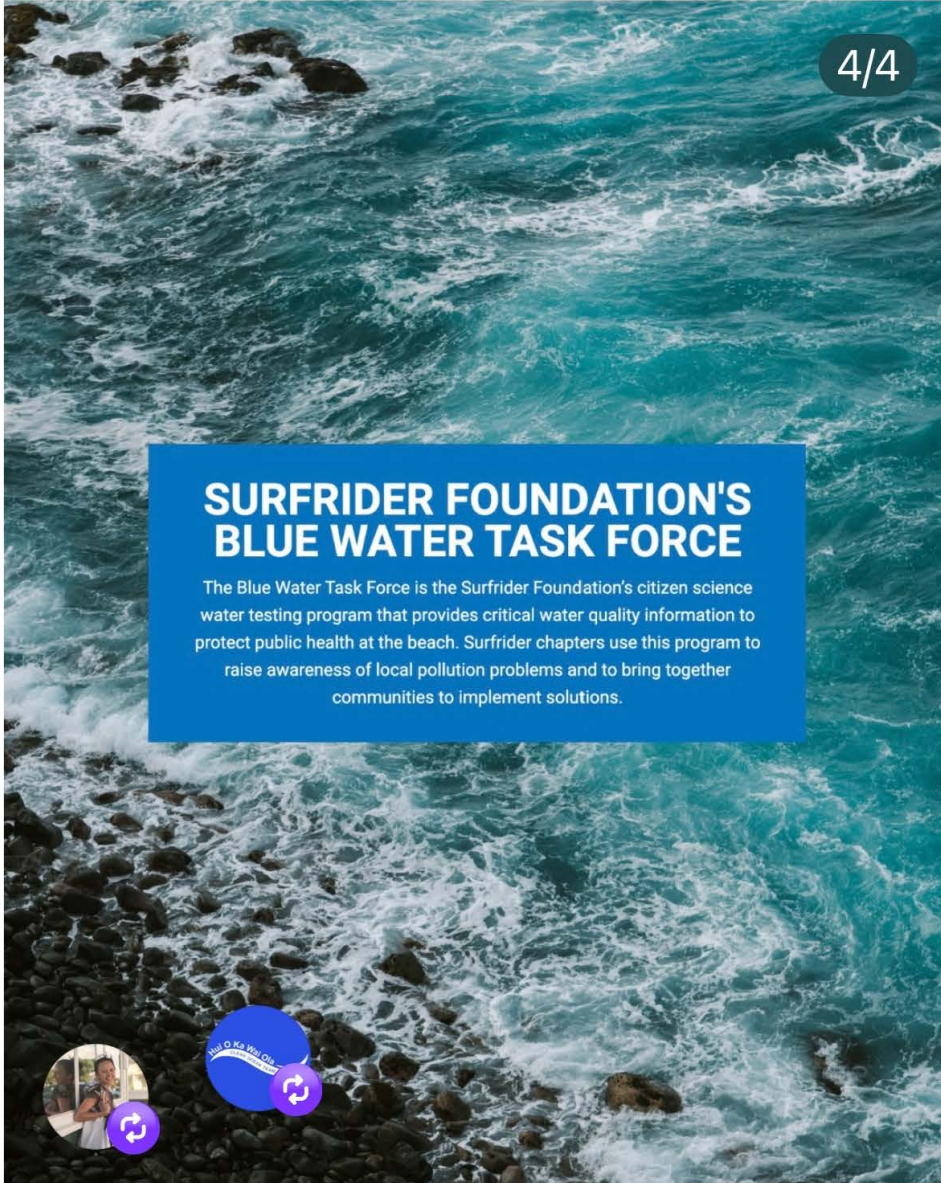
surfridermaui  Recent Kona storm causing high bacteria levels across Maui... more



surfridermaui



surfridermaui



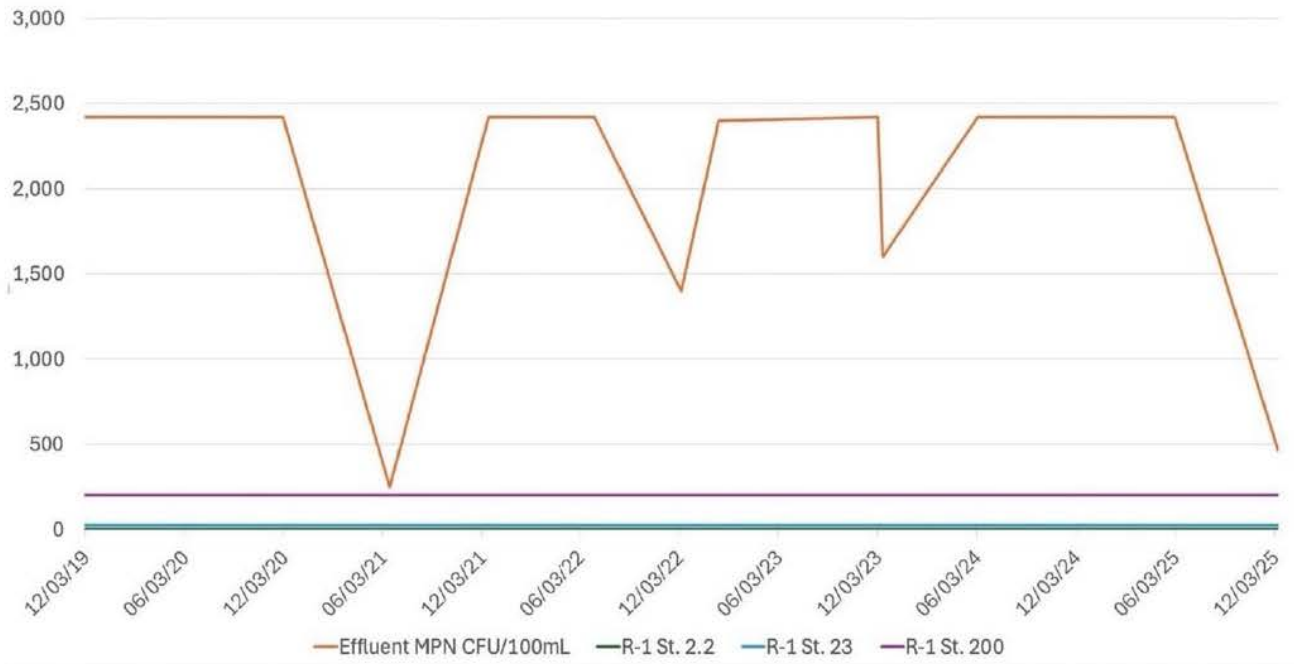
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Liked by mauirapidresponse and others

surfridermaui ⚠️ Recent Kona storm causing high bacteria levels across Maui...
 more

Kihei WWRF Injection Well Effluent
UIC Fecal Indicator Bacteria
MPN CFU/100mL



ENVIRONMENTAL MANAGEMENT COUNTY OF MAUI

Capital Improvement Program

CBS No: CBS-5031

Project Name: Kihei Wastewater Reclamation Facility
Ultraviolet System Upgrade

Department: Department of Environmental Management

District: Kihei-Makena

Project Type: Sewer

Anticipated Life: 20 years



Prior Years	Appr	Ensuing	Subsequent Years					Total
Expend/Encb	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	6-Year
399,771	0	500,000	0	4,000,000	0	0	0	4,500,000

PROJECT DESCRIPTION

Upgrade to UV channel, equipment, pumping, piping and electrical systems at the Kihei Wastewater Reclamation Facility.

PROJECT JUSTIFICATION

System upgrades to provide reliable disinfection to final effluent prior to discharge to reuse customers, injection wells or other disposal means.

STRATEGIC PLAN ALIGNMENT

Department's Strategic Plan	Countywide Priority Results
Sustain Reliable Wastewater Infrastructure Ensure Facilities Meet Future Needs Provide Reliable Wastewater Service	A Suitable Public Infrastructure A Strong, Diversified Economy An Efficient, Effective, and Responsive Government A Prepared, Safe, and Livable County A Healthy and Sustainable Community

Operating Impact Narrative

No significant long-term impact on staffing or operating budget is anticipated.

FUNDING DETAILS

Phase Description	Fund Code	Appr	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032
Design	WF	0	500,000	0	0	0	0	0
New Construction	SRF	0	0	0	4,000,000	0	0	0

ENVIRONMENTAL MANAGEMENT COUNTY OF MAUI
Capital Improvement Program

Schedule of Activities			
Activity	Start	End	Amount
Design	07/01/2026	12/31/2027	500,000
New Construction	07/01/2028	12/31/2029	4,000,000
Total Capital Project Costs			4,500,000
Total O&M Costs			0
Total Capital & Operating Costs			4,500,000

Methods of Financing (Ensuing + 5 Years)	
Funding Source	Amount
Sewer Fund	500,000
State Revolving Loan Fund	4,000,000
Total Funding Requirements	4,500,000

Section [Capital Improvement Program – Department of Water Supply]

Maui Land and Pineapple Water System Assets Acquisition

Reduce appropriation by \$4,300,000 (from \$30,000,000 to \$25,700,000)

Section [Capital Improvement Program – Department of Environmental Management]

CBS-5031 Kihei Wastewater Reclamation Facility Ultraviolet System Upgrade

Increase FY 2027 appropriation by \$4,300,000 (from Mayor Bissen's proposed \$500,000 to \$4,800,000 total FY2027 funding)

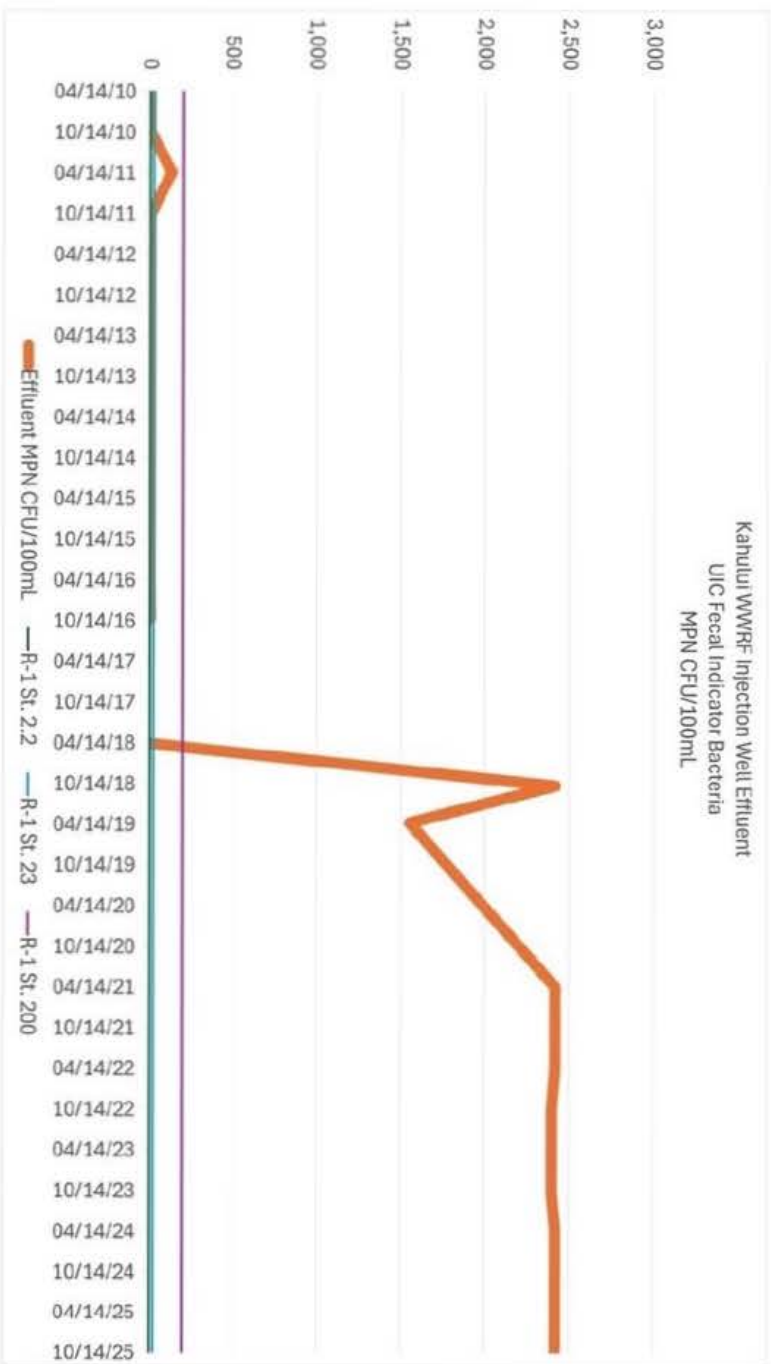
Amend funding phase schedule:

Add Sewer Fund (WF) \$4,000,000 New Construction FY 2027

Add Sewer Fund (WF) \$300,000 CBS-5031 Project Acceleration Support FY 2027

Add proviso language:

CBS-5031 Project Acceleration Support funds shall include staff overtime, temporary hires, and project management support within the Department of Environmental Management to expedite delivery of 100% injection well discharge disinfection to R-1 standards for fecal indicator bacteria for delivery on the soonest date functionally achievable (by the best environmental management staff in the world), including but not limited to extended work schedules, inspection capacity, and rapid procurement coordination.



**County of Maui
Fiscal Year 2026-2031 Capital Improvement Program**

CBS No: CBS-1169

Project Name: Wailuku-Kahului Wastewater Reclamation Facility (WWRF)
Upgrade to R-1

Department: Department of Environmental Management

District: Wailuku-Kahului

Project Type: Sewer

Anticipated Life: 30 years



Prior Years	Appr	Ensuing	Subsequent Years					Total
Expend/Encb	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	6-Year
0	0	0	0	1,800,000	0	18,000,000	0	19,800,000

PROJECT DESCRIPTION

Design, permitting and construction to modify the Wailuku-Kahului Wastewater Reclamation Facility to produce a R-1 quality reclaimed water for the Wailuku-Kahului service area. This includes construction of ultraviolet disinfection basins, on-site storage, a pump station and all related piping and electrical to connect to the proposed force main.

PROJECT JUSTIFICATION

Use of reclaimed water will result in the conservation of potable water resources, preservation of brackish water resources and reduction of treated effluent discharged into injection wells.

STRATEGIC PLAN ALIGNMENT

Department's Strategic Plan

Sustain Reliable Wastewater Infrastructure
Ensure Facilities Meet Future Needs
Provide Reliable Wastewater Service

Countywide Priority Results

A Suitable Public Infrastructure
A Strong, Diversified Economy
An Efficient, Effective, and Responsive Government
A Prepared, Safe, and Liveable County
A Healthy and Sustainable Community

Operating Impact Narrative

Addition of this treatment capability will require an additional position to manage the system, and extra costs for electricity and materials to operate the disinfection system and pumps.

FUNDING DETAILS

Phase Description	Fund Code	Appr	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Design	OG	0	0	0	1,800,000	0	0	0
New Construction	GB	0	0	0	0	0	18,000,000	0

Schedule of Activities

Activity	Start	End	Amount
Design	09/01/2027	12/31/2030	1,800,000
New Construction	09/01/2029	12/31/2030	18,000,000
Total Capital Project Costs			19,800,000
Total O&M Costs			0
Total Capital & Operating Costs			19,800,000

Methods of Financing (Ensuing + 5 Years)

Funding Source	Amount
General Obligation Fund	18,000,000
Other Grant Fund	1,800,000
Total Funding Requirements	19,800,000

Section [Capital Improvement Program – Department of Water Supply]
Government Facilities (Central Maui)

Reduce appropriation by \$1,800,000 in FY 2027

Section [Capital Improvement Program – Department of Environmental
Management]

CBS-1169 Wailuku–Kahului Wastewater Reclamation Facility Upgrade to R-1

Increase FY 2027 appropriation by \$1,800,000

Amend funding phase schedule:

Advance Design phase from FY 2028 to FY 2027 in the amount of \$1,800,000
(currently programmed for FY 2028)

Proviso:

Funds shall be used to accelerate design and implementation of R-1
disinfection infrastructure to eliminate pathogen discharge pathways on the
soonest functionally achievable timeline.

Rationale:

Advances already programmed \$1,800,000 design funding by one fiscal year to
address ongoing pathogen discharge risk and storm-driven groundwater
transport to nearshore waters.

BFED Committee

From: County Clerk
Sent: Wednesday, April 1, 2026 3:14 PM
To: BFED Committee
Subject: FW: Maui Mountain Bike Coalition Cycle Strong Program

From: Briana Mabbutt <breeze.maui@gmail.com>
Sent: Wednesday, April 1, 2026 3:13 PM
To: County Clerk <County.Clerk@mauicounty.us>
Cc: Bike Coalition Maui Mountain <mountainbikemaui@gmail.com>
Subject: Maui Mountain Bike Coalition Cycle Strong Program

You don't often get email from breeze.maui@gmail.com. [Learn why this is important](#)

Aloha Chair and Councilmembers,

My name is Briana Mabbutt, and I am a parent of two grade school age boys in Haiku. I am writing today to express our families support of the Maui Mountain Bike Coalition Cycle Strong program.

Our family are members of the Maui Mountain Bike Coalition and avid bikers. Our children, my oldest in particular, have found incredible growth in mountain biking. Jumping on his bike is one of the first things my son does every day after school.

Being on a bike provides such a wonderful opportunity for kids to grow both in physical and mental fortitude. There is something about kids riding bikes that feels like the preservation of childhood.

When I learned about the Cycle Strong Program my first thought was what an incredible opportunity this program would be for children who may not otherwise have support accessing biking equipment and trails. Seeing through my children what a life enhancing thing biking can be makes me hope for more opportunities and access to biking for all children on Maui. I believe this program will be a great way to offer this access.

We strongly encourage you to fund the Cycle Strong Program. Maui's youth deserve high quality programs like this one that offer opportunities for physical fitness and growth in a supportive, safe & fun environment.

Mahalo.

The Mabbutt Ohana.