Helping County of Maui Build a Better Tomorrow.



Disaster Recovery Management

Received at 03/19/2024 GREAT Committee Meeting

Tetra Tech is a global company solving complex challenges with sustainable solutions.



WORKS IN 100+ COUNTRIES CONTINENTS



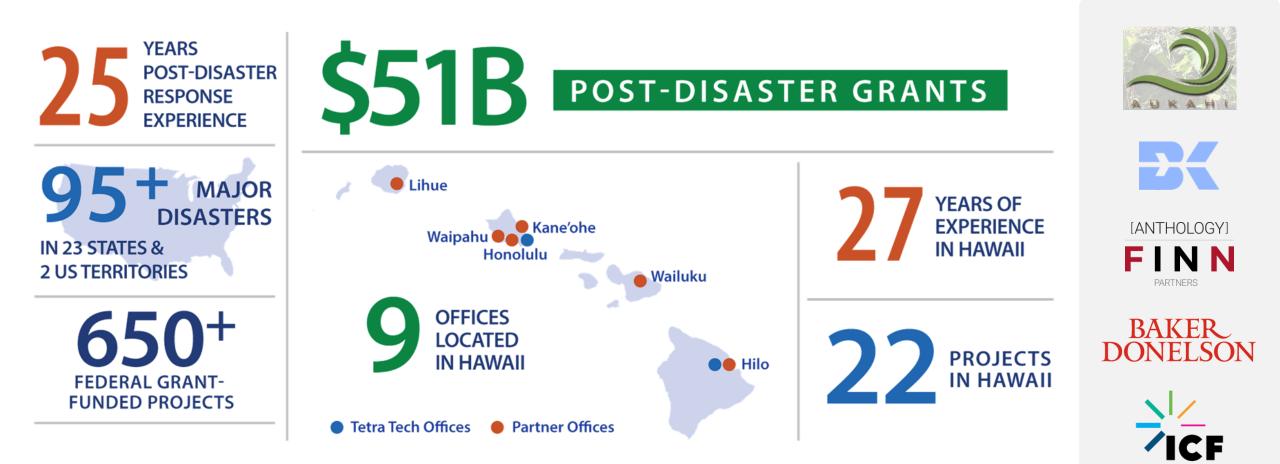






Tetra Tech's disaster recovery practice offers industryleading insight to support the County of Maui.





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Tetra Tech has been engaged for Disaster Recovery Management Services.



Advisory Services and Management	Financial Management and Compliance	Relationship Management and Communication
Data and Records Management	Grant Application and Management	Mitigation and Infrastructure Development
Individual, Household, and Long-term Housing Recovery Support	Interagency Recovery Coordination and Long-term Recovery Support	Training and Education

Community Engagement and Outreach is our Priority



We have experience with culturally sensitive issues and working in diverse communities.	Stakeholders		
	We are familiar with the many stakeholders and their concerns.	Building Trust	
		We are developing an outreach and community engagement	
		plan to build trust with the stakeholders and facilitate dialogue and collaboration	

Our team is dedicated to serving the County and its residents as a trusted partner in recovery.



Serve the County.	Promote local-led, survivor-focused recovery.
Act as a compass to navigate complex requirements.	Earn trust with sustainable and informed advocacy.

The recovery process is long, but progress is already being made.



Permanent disposal site survey completed Established Relationships and Lines of Communication with Federal and State Partners

Provided Staff Support for Immediate Needs: Debris Alt Program and EOC Staff Augmentation

Rules for **expedited** temporary building **permits** reviewed and refined

\$5.2 M Expedited Project Worksheet

Requested Consolidation for 14 Applicants to Become One County Applicant

Developed Initial Long Term Recovery Cost Estimates Initiated public infrastructure Site Inspections

Permanent Disposal Site Survey



Purpose: Support efforts to identify a permanent disposal site location for the debris from the devastating fires in Lāhainā—provide reliable data that accurately reflects community sentiment as input into the County's decision of where to place the landfill.

Methodology:

- 1. Scientific random sample survey of 430 Maui residents, conducted online and via phone from 01/31/24 to 02/12/24, resulting in a margin of error of +/- 4.73% at the 95% level of confidence.
- 2. Publicly accessible online survey of 2,327 Maui residents, conducted from 01/31/24 to 02/15/24.

	RESULTS		SURVEY	
_			Publicly Accessible	
Proximity -	Safe distance from natural/ environmental features	82%	80%	
	Has a buffer zone between the site and residential areas, schools, hospitals, etc.	79%	83%	
	Considers recommendations from subject matter experts	70%	67%	
Consultation –	Considers public input	67%	70%	
	Considers concerns about cultural resources	64%	61%	
Logistics –	Road safety concerns when trucking debris	58%	51%	
	How long it will take to make site ready to receive debris	49%	45%	
	Increase in traffic congestion when trucking debris	40%	40%	

We provide Federal Procurement Compliance guidance and training.

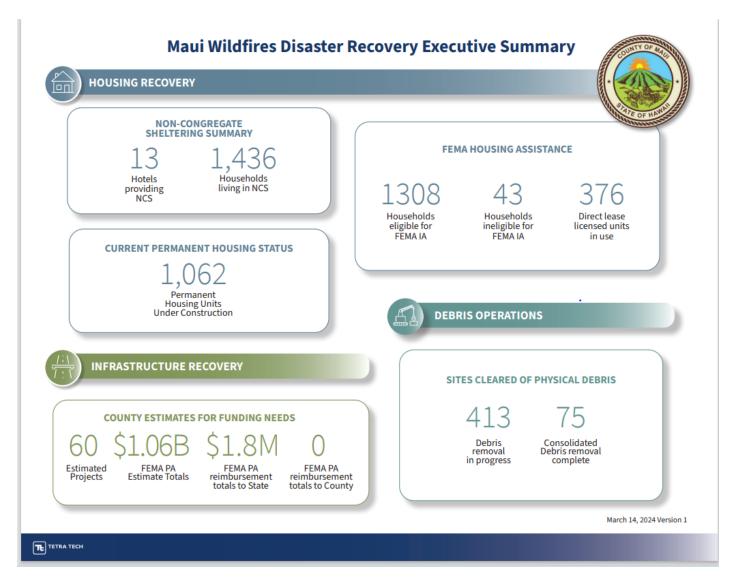
- Conducted Procurement Training on February 27th
- Over 40 Attendees from departments County-wide
- Set framework for review of all fire related procurements to minimize risk of future audit issue
- Positive Outcome: Over \$12M in additional eligible expenditures identified in follow up conversations to date

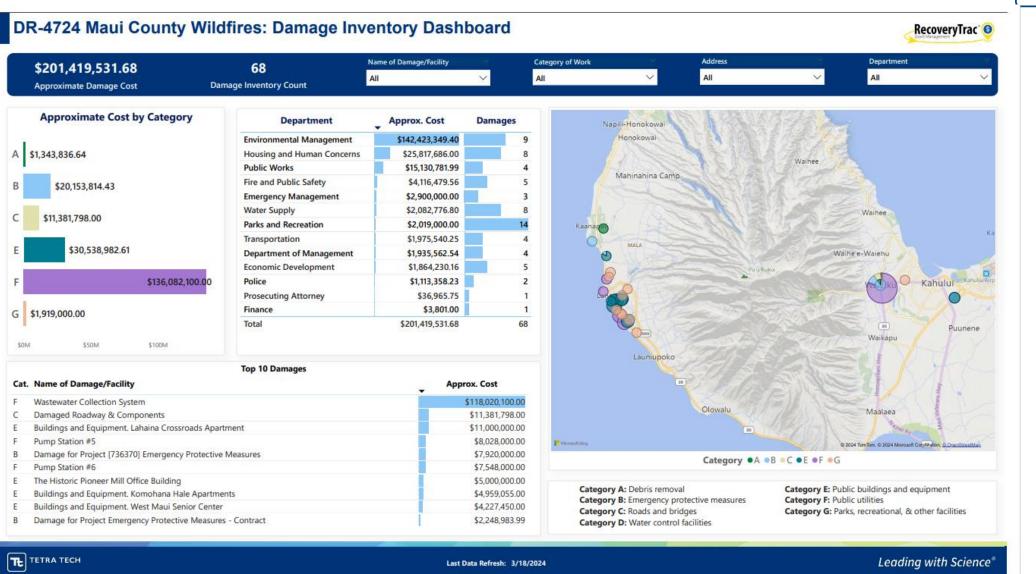


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Executive Level Reporting







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Last Data Refresh: 3/15/2024 Leading with Science®

Infrastructure



		FY25	FY26	FY27
Project Name	County Dept.	Total	Total	Total
Traffic Signal Replacement	DPW	\$ 3,000,000		
Front Street Repairs	DPW	\$ 5,000,000		
Roadway and Sidewalk Repairs and Verification of Survey Monuments	DPW	\$ 7,000,000	\$ 4,000,000	
Debris Removal	DPW	\$ 2,000,000	\$ 7,500,000	
Roadway Connectivity for Disaster Evacuation	DPW	\$ 12,000,000	\$ 10,000,000	
Roadway Connectivity for Disaster Evacuation (Land Acquisition)	DPW	\$ 8,000,000		
Road Resurfacing/Reconstruction	DPW			\$ 25,000,000
Storm Drainage, Flood Control, and Water Quality Improvements	DPW	\$ 8,000,000		
Expedited Permitting	DPW	\$ 2,500,000	\$ 2,500,000	\$ 2,500,000
Water Supply Infrastructure Repairs and Replacements	DWS	\$ 10,000,000	\$ 20,000,000	
Fire Flow Improvements to Water System	DWS	\$ 10,000,000		
Honokowai to Wahikuli Water Line Extension	DWS		\$ 20,000,000	
Permanent Disposal Site	DEM	\$ 38,000,000		
Pump Station temporary repairs	DEM	\$ 5,000,000		
Wastewater Collection System repairs	DEM	\$ 11,000,000	\$ 20,000,000	\$ 5,000,000
Wastewater Collection System Laterals and Cleanouts	DEM	\$ 9,000,000		
Pump Station Replacement	DEM		\$ 25,500,000	
Wahikuli Sewer Installation	DEM		\$ 29,000,000	
Kahului WWTP 4th Aeration Basin	DEM	\$ 15,000,000	-	
Lahaina WWTP Upgrade	DEM		\$ 9,500,000	
West Maui Recycled Water System	DEM		\$ 11,500,000	



Recovery Timeline



FEMA PA funds available for Infrastructure recovery.



• FEMA Management Costs (Category Z)

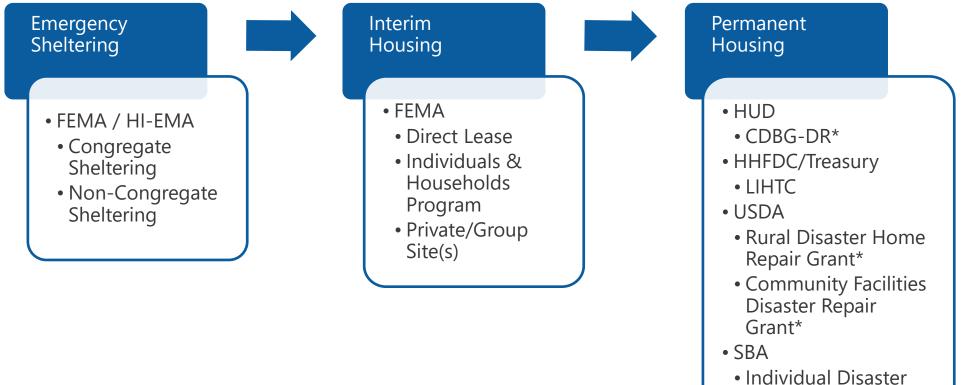
- Maui eligible to receive up to 5% of total FEMA obligations to cover expenditures related to the FEMA PA program
- Example: \$1 billion PA Obligations x 5% = \$50 million FEMA management Costs available

2025 Q1 Cash flow Projections:

- Total: **\$21M**
- **\$1.8M** Funds with HI-EMA
- **\$5.2M** in County of Maui Review for expedited funding request
- **\$14M** to be Submitted

Traditional Federal Grant Funding Pipeline for Housing Recovery.

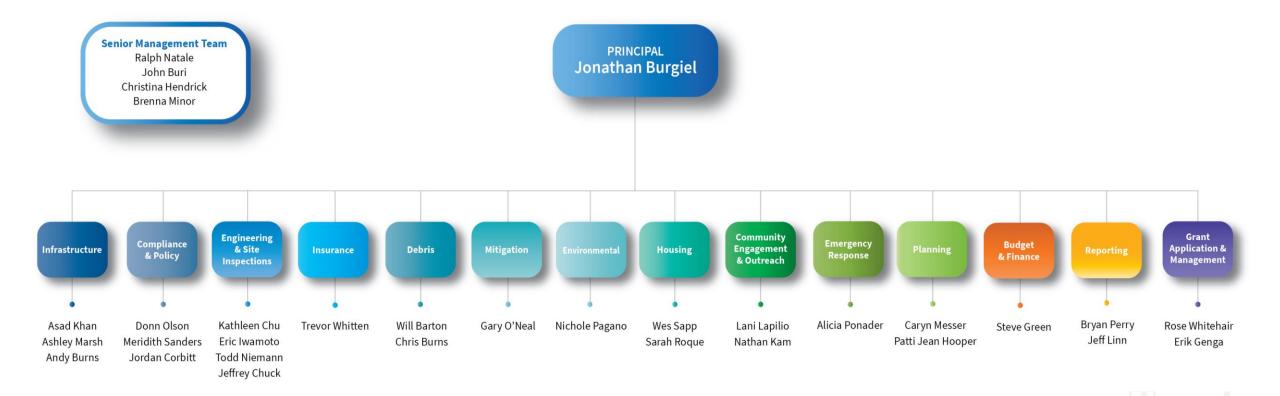
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 Individual Disaste Loans

Tetra Tech offers subject matter expertise in every area of recovery.





Mahalo. We look forward to continuing to support the County of Maui.

