

Grantee: Hawaii County, HI

Grant: P-19-HI-15-0DD2

July 1, 2024 thru September 30, 2024 Performance

Grant Number: P-19-HI-15-0DD2	Obligation Date:	Award Date:
Grantee Name: Hawaii County, HI	Contract End Date:	Review by HUD: Original - In Progress
Grant Award Amount: \$107,561,000.00	Grant Status: Active	QPR Contact: Zeda Medina
LOCCS Authorized Amount:	Estimated PI/RL Funds: \$0.00	

Total Budget:
\$107,561,000.00

Disasters:

Declaration Number

FEMA-4366-HI

Narratives

Disaster Damage:

During the 2018 Kilauea eruption from May to August 2018, the USGS HVO reported a total of 24 known fissures, 60,000 earthquakes, and an eruption equivalent to eight years of Kilauea's magma supply. Puna suffered significant losses, especially from lava inundation. Multiple neighborhoods, including Leilani Estates, Lanipuna Gardens, Kapoho Beach Lots and Vacationland, were inundated (some completely), and a charter school, Kua O Ka La, and Ahalanui Park were destroyed. In addition to lava flow, earthquakes, and air pollutants, including sulfur dioxide, ash, tephra, and laze (lava haze) affected not only the residents of Puna but also the island and the state.

The sheer volume of the magma supply was one of the most significant distinguishing characteristics of the 2018 Kilauea event. Simultaneously, Kilauea's summit experienced its largest collapse in 200-plus years, with a total of 1,640 feet subsidence and tens of earthquakes at the summit each day rattling surrounding communities. Volcanic gases and ash created a cloud of vog (volcanic smog) that reached the island of Oahu. Dozens of new fissures opened along a line of craters in Puna. Many of these fissures produced lava into residential areas, farmlands, and sensitive natural areas and cultural sites.

In total, approximately 8,448 acres of land were inundated by lava, 3,983 acres were isolated, and 3,000 residents were displaced. Nearly 2,000 parcels were impacted by the lava flows, whether totally inundated, partially inundated, or isolated by lava; of these, the median size of parcels is approximately 1 acre. A new coastline was formed in Kapoho Bay, and the path of damage covered sections of several subdivisions, approximately 12.5 miles of public roads, 20 miles of private roads, and 14.5 miles of waterlines. These impacts resulted in more than \$236 million in public infrastructure damages.

The most significant direct impact from the volcanic event was to residential properties, including land and structures. It is estimated that 1,579 parcels were inundated with lava, resulting in the destruction of approximately 723 structures, with approximately 600 of those structures being a residence. Additionally, more than 120 parcels were identified as isolated. Housing impacts of the 2018 Kilauea eruption have proven particularly challenging to recovery. Seismic activity, noxious gases, and vog forced extended evacuations and damaged structures well beyond the boundaries of lava inundation. Lava flowed directly through residential neighborhoods. Few roads transect upper and lower Puna, and many of them became impassible. Entire areas of Puna were rendered inaccessible for months as lava flowed across arterial roadways. The lava flow continued for months and caused secondary impacts: new fissures opened, homes were compromised by gases and steam venting, parks and businesses faced extended closure, and tourism to the island slowed considerably. The geological effects of the magma channels below the surface continue to impact residential areas today with heat and steaming that has rendered some areas unlivable. These conditions may remain or expand in the area over time.

Impacts from the volcanic event were also felt in the local economy with 2,950 jobs lost island-wide between May 2018 and June 2019. The tourism industry alone suffered approximately \$415 million in economic losses. Additionally, the University of Hawaii estimates that damages for agricultural producers totaled approximately \$28 million in inundated and isolated farmland.

Recovery Needs:

In calculating recovery need the County of Hawaii utilized HUD's unmet recovery needs methodology as outlined in the August 14, 2018 Federal Register Notice. Through the review of best available data and information the County identified a total of \$948,135,147 in recovery needs for DR-4366 prior to factoring recovery-related assistance received or anticipated. These recovery needs are categorized across housing, economic development, infrastructure, and general recovery needs. The data sources for calculated this recovery need include Federal Emergency Management Agency (FEMA) Individual and Household Assistance Program, FEMA Public Assistance Program, Small Business Administration (SBA) home loan registrations, County-led damage assessments, economic analysis of publicly available data, and engineering estimates.



Overall	This Report Period	To Date
Total Projected Budget from All Sources	\$0.00	\$107,561,000.00
B-19-UV-15-0001	\$0.00	\$66,890,000.00
B-19-UV-15-0002	\$0.00	\$40,671,000.00
Total Budget	\$0.00	\$107,561,000.00
B-19-UV-15-0001	\$0.00	\$66,890,000.00
B-19-UV-15-0002	\$0.00	\$40,671,000.00
Total Obligated	\$5,121,044.70	\$97,561,000.00
B-19-UV-15-0001	\$8,200,609.36	\$66,890,000.00
B-19-UV-15-0002	(\$3,079,564.66)	\$30,671,000.00
Total Funds Drawdown	\$9,051,034.24	\$70,085,159.34
B-19-UV-15-0001	\$9,051,034.24	\$57,279,849.63
B-19-UV-15-0002	\$0.00	\$12,805,309.71
Program Funds Drawdown	\$9,051,034.24	\$70,085,159.34
B-19-UV-15-0001	\$9,051,034.24	\$57,279,849.63
B-19-UV-15-0002	\$0.00	\$12,805,309.71
Program Income Drawdown	\$0.00	\$0.00
B-19-UV-15-0001	\$0.00	\$0.00
B-19-UV-15-0002	\$0.00	\$0.00
Program Income Received	\$0.00	\$0.00
B-19-UV-15-0001	\$0.00	\$0.00
B-19-UV-15-0002	\$0.00	\$0.00
Total Funds Expended	\$9,863,092.46	\$71,599,509.37
B-19-UV-15-0001	\$9,863,092.46	\$56,902,787.26
B-19-UV-15-0002	\$0.00	\$14,696,722.11
HUD Identified Most Impacted and Distressed	\$0.00	\$56,583,480.36
B-19-UV-15-0001	\$0.00	\$43,768,048.55
B-19-UV-15-0002	\$0.00	\$12,815,431.81
Other Funds	\$ 0.00	\$ 0.00
Match Funds	\$ 0.00	\$ 0.00
Non-Match Funds	\$ 0.00	\$ 0.00

Funds Expended

Overall	This Period	To Date
County of Hawaii	\$ 9,863,092.46	\$ 71,599,509.37

Progress Toward Required Numeric Targets

Requirement	Target	Projected	Actual
Overall Benefit Percentage			
B-19-UV-15-0001	70.00%	100.00%	87.35%
B-19-UV-15-0002	70.00%	100.00%	29.00%
Minimum Non Federal Match			
B-19-UV-15-0001	\$.00	\$.00	\$.00
B-19-UV-15-0002	\$.00	\$.00	\$.00
Overall Benefit Amount			
B-19-UV-15-0001	\$44,481,850.00	\$63,545,500.00	\$55,508,305.23
B-19-UV-15-0002	\$27,046,215.00	\$38,637,450.00	\$11,205,905.12
Limit on Public Services			
B-19-UV-15-0001	\$10,033,500.00	\$.00	\$.00
B-19-UV-15-0002	\$6,100,650.00	\$.00	\$.00
Limit on Admin/Planning			
B-19-UV-15-0001	\$13,378,000.00	\$3,344,500.00	\$1,771,544.40



B-19-UV-15-0002	\$8,134,200.00	\$2,033,550.00	\$1,599,404.59
Limit on Admin			
B-19-UV-15-0001	\$3,344,500.00	\$3,344,500.00	\$1,771,544.40
B-19-UV-15-0002	\$2,033,550.00	\$2,033,550.00	\$1,599,404.59
Most Impacted and Distressed			
B-19-UV-15-0001	\$66,890,000.00	\$66,890,000.00	\$43,768,048.55
B-19-UV-15-0002	\$40,671,000.00	\$40,671,000.00	\$12,815,431.81

Overall Progress Narrative:

June 30, 2024 – September 30, 2024

Volunteer Housing Buyout Program

The program has completed 99% of Phase 1 (Primary homes) acquisitions with three applications pending. 75% of Phase 2 (Secondary homes) applicants have been fully vetted. Of the applicants vetted so far, a total of 29 Phase 2 applicants have been removed from the program. 11 have officially withdrawn, 7 failed to complete the process and, after multiple notifications were deemed inactive and eventually removed from the program. 11 applicants were deemed ineligible for the program due to title issues or failed to meet Phase 2 occupancy requirements. A total of 67 Phase 2 applicants have closed escrow during this reporting period.

Environmental Aspects

The program has secured contractual services of SSFM International for remediation services to plan, design, estimate, and prepare construction contract documents and assist with construction bids and administration of demolition and reclamation work. Program staff has provided SSFM International with supporting documentation of each property in preparation for site visits to each property, most of which have been officially acquired by the County of Hawaii. Site visits with the remediation team will begin in October of 2024. Program staff will assist SSFM International in arranging access to remote locations including access through private gates and right-of-entry authorization to traverse privately held properties to reach remote locations.

Project Summary

Project #, Project Title	This Report	To Date	
	Program Funds Drawdown	Project Funds Budgeted	Program Funds Drawdown
2018 Kilauea Administration, 2018 Kilauea Administration	\$0.00	\$5,378,050.00	\$3,370,948.99
B-19-UV-15-0001	\$0.00	\$3,344,500.00	\$1,771,544.40
B-19-UV-15-0002	\$0.00	\$2,033,550.00	\$1,599,404.59
2018 Kilauea Voluntary Housing Buyout Program, 2018	\$9,051,034.24	\$102,182,950.00	\$66,714,210.35
B-19-UV-15-0001	\$9,051,034.24	\$63,545,500.00	\$55,508,305.23
B-19-UV-15-0002	\$0.00	\$38,637,450.00	\$11,205,905.12
9999, Restricted Balance	\$0.00	(\$23,720,000.00)	\$0.00
B-19-UV-15-0001	\$0.00	\$0.00	\$0.00
B-19-UV-15-0002	\$0.00	(\$23,720,000.00)	\$0.00

Activities

Project # / 2018 Kilauea Voluntary Housing Buyout Program / 2018



Activity Description:

As of July 2023, the 2018 Kilauea Voluntary Housing Buyout Program is meeting the Low- to Moderate-Income National Objective through a Low- to Moderate-Income Area (LMA) benefit. The Disaster Risk Reduction Area (DRRA) where buyout activities are occurring covers two Census Tracts (211.01 and 211.06) with an overall LMI percentage of 70.86%. Prior to this change on meeting a National Objective, the Voluntary Housing Buyout Program involved a Low- to Moderate-Income Buyout (LMB) Project/Activity and a second Urgent Need Buyout (UN) Project/Activity. Expenditures under the Urgent Need Buyout Project/Activity prior to July 2023 have been associated with current 2018 Kilauea Voluntary Housing Buyout Program Project/Activity which meets the Low- to Moderate-Income National Objective.

Location Description:

Activity Progress Narrative:

Accomplishments Performance Measures

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
Activity funds eligible for DREF	0	0/0
# of Parcels acquired by admin	0	0/0
# of Parcels acquired by	0	0/0
# of Parcels acquired	67	301/300
# of Properties	67	301/300
Total acquisition compensation	0	0/0

	This Report Period	Cumulative Actual Total / Expected
	Total	Total
# of Housing Units	67	301/300
# of Multifamily Units	0	0/0
# of Singlefamily Units	67	301/300

Beneficiaries Performance Measures

	Beneficiaries - Area Benefit Census			
	Low	Mod	Total	Low/Mod%
# of Households	0	0	0	0
# of Persons	150	150	300	100.00
# Owner	0	0	0	0

LMI%:	46.78
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Activity Locations

Address	City	County	State	Zip	Status / Accept
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Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None

