

Grantee: Hawaii County, HI

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

January 1, 2024 thru March 31, 2024 Performance

Grant Number:

P-19-HI-15-0DD2

Obligation Date:**Award Date:****Grantee Name:**

Hawaii County, HI

Contract End Date:**Review by HUD:**

Submitted - Await for Review

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	\$0.00	\$92,439,955.30
B-19-UV-15-0001	\$0.00	\$58,689,390.64
B-19-UV-15-0002	\$0.00	\$33,750,564.66
Total Funds Drawdown	\$1,170,263.60	\$57,964,136.39
B-19-UV-15-0001	\$1,067,656.10	\$45,283,549.73
B-19-UV-15-0002	\$102,607.50	\$12,680,586.66
Program Funds Drawdown	\$1,170,263.60	\$57,964,136.39
B-19-UV-15-0001	\$1,067,656.10	\$45,283,549.73
B-19-UV-15-0002	\$102,607.50	\$12,680,586.66
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	\$1,170,263.60	\$58,922,406.67
B-19-UV-15-0001	\$1,067,656.10	\$44,225,684.56
B-19-UV-15-0002	\$102,607.50	\$14,696,722.11
HUD Identified Most Impacted and Distressed	\$958,092.93	\$53,769,470.12
B-19-UV-15-0001	\$958,092.93	\$40,954,038.31
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	\$ 1,170,263.60	\$ 58,922,406.67

Progress Toward Required Numeric Targets

Requirement	Target	Projected	Actual
Overall Benefit Percentage			
B-19-UV-15-0001	70.00%	100.00%	68.68%
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	\$43,643,260.75
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	\$1,640,288.98



B-19-UV-15-0002	\$8,134,200.00	\$2,033,550.00	\$1,474,681.54
Limit on Admin			
B-19-UV-15-0001	\$3,344,500.00	\$3,344,500.00	\$1,640,288.98
B-19-UV-15-0002	\$2,033,550.00	\$2,033,550.00	\$1,474,681.54
Most Impacted and Distressed			
B-19-UV-15-0001	\$66,890,000.00	\$66,890,000.00	\$40,954,038.31
B-19-UV-15-0002	\$40,671,000.00	\$40,671,000.00	\$12,815,431.81

Overall Progress Narrative:

January 1, 2024 to March 31, 2024
Volunteer Housing Buyout Program

The program has fully implemented revised documentation requirements to ensure compliance with Federal Register 84 FR 28836 regarding record keeping with regards to duplication of benefits (DOB). The program continues to work on procedural corrective actions with the goal of reviewing all applicant folders to ensure compliance of DOB concerns. A current full-time staff member's position has been re-classified from housing assistant to quality control assistant to help in this effort. As agreed with HUD, the program will have up to 24 months to finalize corrective actions. During this reporting period the program closed acquisitions on seven (7) Phase 1 primary home properties.

Non-Substantial Action Plan Amendment

The County pursued a Non-Substantial Action Plan Amendment (version 3.2) which was approved by HUD. This change set the total purchase offer for Phase 2 applicants with second homes and long-term rentals to \$142,000 within the Program's existing maximum grant award. The change was necessary to meet the national objective of serving low-to-moderate (LMI) applicants for undeveloped parcels in Phase 3 given the significant demand for buyout assistance overall. This change will not affect primary home acquisitions in Phase 1, which remains a priority.

Environmental Aspects

Procedural changes to address removal of debris and demolition of standing structures as a cost-reasonableness policy has been reviewed and approved by HUD in compliance with 24 CFR 58. The program has revised its environmental policy and procedures to include demolition cost benefit analysis (cost reasonableness factors) as well as establishing demolition classifications and policy determinations that will prioritize demolition of standing structures and debris removal. Any potential health and safety concerns will be addressed accordingly. The program is in the process of securing an engineering consultant to assist in demolition efforts. Per consultation with HUD, the program has taken steps to update all Tier 1 classified properties (fully inundated parcels) in both Phase 1 and Phase 2 and initiate uploading reports into HEROS. This should be completed prior to the next reporting period.

Database

Modifications to the internal database system have been completed.

Project Summary

Project #, Project Title	This Report	To Date	
	Program Funds Drawdown	Project Funds Budgeted	Program Funds Drawdown
2018 Kilauea Administration, 2018 Kilauea Administration	\$212,170.67	\$5,378,050.00	\$3,114,970.52
B-19-UV-15-0001	\$109,563.17	\$3,344,500.00	\$1,640,288.98
B-19-UV-15-0002	\$102,607.50	\$2,033,550.00	\$1,474,681.54
2018 Kilauea Voluntary Housing Buyout Program, 2018	\$958,092.93	\$102,182,950.00	\$54,849,165.87
B-19-UV-15-0001	\$958,092.93	\$63,545,500.00	\$43,643,260.75
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 Administration / 2018 Kilauea Administration



Grantee Activity Number: 2018 Kilauea Administration

Activity Title: 2018 Kilauea Administration

Activity Type:

Administration

Project Number:

2018 Kilauea Administration

Projected Start Date:

05/04/2021

Benefit Type:

N/A

National Objective:

N/A

Activity Status:

Under Way

Project Title:

2018 Kilauea Administration

Projected End Date:

04/30/2027

Completed Activity Actual End Date:

Responsible Organization:

County of Hawaii

Overall	Jan 1 thru Mar 31, 2024	To Date
Total Projected Budget from All Sources	\$0.00	\$5,378,050.00
B-19-UV-15-0001	\$0.00	\$3,344,500.00
B-19-UV-15-0002	\$0.00	\$2,033,550.00
Total Budget	\$0.00	\$5,378,050.00
B-19-UV-15-0001	\$0.00	\$3,344,500.00
B-19-UV-15-0002	\$0.00	\$2,033,550.00
Total Obligated	\$0.00	\$5,378,050.00
B-19-UV-15-0001	\$0.00	\$3,344,500.00
B-19-UV-15-0002	\$0.00	\$2,033,550.00
Total Funds Drawdown	\$212,170.67	\$3,114,970.52
B-19-UV-15-0001	\$109,563.17	\$1,640,288.98
B-19-UV-15-0002	\$102,607.50	\$1,474,681.54
Program Funds Drawdown	\$212,170.67	\$3,114,970.52
B-19-UV-15-0001	\$109,563.17	\$1,640,288.98
B-19-UV-15-0002	\$102,607.50	\$1,474,681.54
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	\$212,170.67	\$4,073,240.79
County of Hawaii	\$212,170.67	\$4,073,240.79
Most Impacted and Distressed Expended	\$0.00	\$0.00
B-19-UV-15-0001	\$0.00	\$0.00
B-19-UV-15-0002	\$0.00	\$0.00

Activity Description:

Administration for grant P-19-HI-15-0DD2

Location Description:

Activity Progress Narrative:



Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

No Other Funding Sources Found

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents: None

Project # / 2018 Kilauea Voluntary Housing Buyout Program / 2018



Grantee Activity Number: Low-Mod Voluntary Housing Buyout Program

Activity Title: Low-Mod Voluntary Housing Buyout Program

Activity Type:

Acquisition - buyout of residential properties

Project Number:

2018 Kilauea Voluntary Housing Buyout Program

Projected Start Date:

05/04/2021

Benefit Type:

Area (Census)

National Objective:

Low/Mod

Activity Status:

Under Way

Project Title:

2018 Kilauea Voluntary Housing Buyout Program

Projected End Date:

04/30/2027

Completed Activity Actual End Date:

Responsible Organization:

County of Hawaii

Overall

Total Projected Budget from All Sources

B-19-UV-15-0001

B-19-UV-15-0002

Total Budget

B-19-UV-15-0001

B-19-UV-15-0002

Total Obligated

B-19-UV-15-0001

B-19-UV-15-0002

Total Funds Drawdown

B-19-UV-15-0001

B-19-UV-15-0002

Program Funds Drawdown

B-19-UV-15-0001

B-19-UV-15-0002

Program Income Drawdown

B-19-UV-15-0001

B-19-UV-15-0002

Program Income Received

B-19-UV-15-0001

B-19-UV-15-0002

Total Funds Expended

County of Hawaii

Most Impacted and Distressed Expended

B-19-UV-15-0001

B-19-UV-15-0002

Jan 1 thru Mar 31, 2024 To Date

	Jan 1 thru Mar 31, 2024	To Date
Total Projected Budget from All Sources	\$0.00	\$85,121,044.70
B-19-UV-15-0001	\$0.00	\$48,200,609.36
B-19-UV-15-0002	\$0.00	\$36,920,435.34
Total Budget	\$0.00	\$85,121,044.70
B-19-UV-15-0001	\$0.00	\$48,200,609.36
B-19-UV-15-0002	\$0.00	\$36,920,435.34
Total Obligated	\$0.00	\$70,000,000.00
B-19-UV-15-0001	\$0.00	\$40,000,000.00
B-19-UV-15-0002	\$0.00	\$30,000,000.00
Total Funds Drawdown	\$958,092.93	\$37,787,260.57
B-19-UV-15-0001	\$958,092.93	\$28,298,370.11
B-19-UV-15-0002	\$0.00	\$9,488,890.46
Program Funds Drawdown	\$958,092.93	\$37,787,260.57
B-19-UV-15-0001	\$958,092.93	\$28,298,370.11
B-19-UV-15-0002	\$0.00	\$9,488,890.46
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	\$958,092.93	\$37,787,260.58
County of Hawaii	\$958,092.93	\$37,787,260.58
Most Impacted and Distressed Expended	\$958,092.93	\$39,396,787.27
B-19-UV-15-0001	\$958,092.93	\$28,298,370.12
B-19-UV-15-0002	\$0.00	\$11,098,417.15

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 Total	Cumulative Actual Total / Expected Total
# of Parcels acquired	7	219/300
# of Properties	7	219/300
Total acquisition compensation	0	0/0

	This Report Period Total	Cumulative Actual Total / Expected Total
# of Housing Units	7	219/300
# of Multifamily Units	0	0/0
# of Singlefamily Units	7	219/300

Beneficiaries Performance Measures

	This Report Period			Cumulative Actual Total / Expected			
	Low	Mod	Total	Low	Mod	Total	Low/Mod%
# of Households	0	0	0	0/0	0/0	0/0	0
# of Persons	5	2	7	32/150	27/150	64/300	92.19
# Owner	0	0	0	0/0	0/0	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

