

Grantee: Hawaii County, HI

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

July 1, 2021 thru September 30, 2021 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:

Joseph Holleran

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	\$23,720,000.00	\$107,561,000.00
B-19-UV-15-0001	\$0.00	\$66,890,000.00
B-19-UV-15-0002	\$23,720,000.00	\$40,671,000.00
Total Budget	\$23,720,000.00	\$107,561,000.00
B-19-UV-15-0001	\$0.00	\$66,890,000.00
B-19-UV-15-0002	\$23,720,000.00	\$40,671,000.00
Total Obligated	\$5,378,050.00	\$5,378,050.00
B-19-UV-15-0001	\$3,344,500.00	\$3,344,500.00
B-19-UV-15-0002	\$2,033,550.00	\$2,033,550.00
Total Funds Drawdown	\$0.00	\$0.00
B-19-UV-15-0001	\$0.00	\$0.00
B-19-UV-15-0002	\$0.00	\$0.00
Program Funds 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 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	\$0.00	\$0.00
B-19-UV-15-0001	\$0.00	\$0.00
B-19-UV-15-0002	\$0.00	\$0.00
HUD Identified Most Impacted and Distressed	\$0.00	\$0.00
B-19-UV-15-0001	\$0.00	\$0.00
B-19-UV-15-0002	\$0.00	\$0.00
Other Funds	\$ 0.00	\$ 0.00
Match Funds	\$ 0.00	\$ 0.00
Non-Match Funds	\$ 0.00	\$ 0.00

Progress Toward Required Numeric Targets

Requirement	Target	Projected	Actual
Overall Benefit Percentage	70.00%	1.61%	N/A
Minimum Non Federal Match	\$.00	\$.00	\$.00
Overall Benefit Amount	\$71,528,065.00	\$1,648,950.00	\$.00
Limit on Public Services	\$.00	\$1,648,950.00	\$.00
Limit on Admin/Planning	\$.00	\$5,378,050.00	\$.00
Limit on Admin	\$.00	\$5,378,050.00	\$.00
Most Impacted and Distressed	\$.00	\$107,561,000.00	\$.00

Overall Progress Narrative:

This Quarterly Progress Report (QPR) is published by the County of Hawaii Community Development Block Grant Kilauea Disaster Recovery (CDBG-DR) and will discuss its progress as of September 30, 2021. County of Hawaii executed three grant agreements with the U.S. Department of Housing and Urban Development (HUD) for grant number P-19-HI15-0DD2, Community Development Block Grant Disaster Recovery (CDBG-DR) Kilauea Disaster Recovery consisting of two allocations B-19-UV-15-0001 and B-19-UV-15-0002. Program staff completed intake for 75% of the approximately 300 applicants during Phase 1 (Primary Residences) (April 30, 2021, to July 30, 2021) which are being processed for voluntary housing buyout eligibility. We plan to move Phase 1 first buyouts to Escrow starting in December. As of September 30, Phase 2 (Secondary Residences, including long-term rentals) and Phase 3 (Undeveloped Properties) have 81 and 73 applicant pre-registrations respectively. The County continues to make efforts to serve those impacted by the 2018 Kilauea Eruption through community outreach efforts.



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	\$0.00
B-19-UV-15-0001	\$0.00	\$3,344,500.00	\$0.00
B-19-UV-15-0002	\$0.00	\$2,033,550.00	\$0.00
2018 Kilauea Housing Relocation Services, 2018 Kilauea	\$0.00	\$1,648,950.00	\$0.00
B-19-UV-15-0001	\$0.00	\$1,315,565.00	\$0.00
B-19-UV-15-0002	\$0.00	\$333,385.00	\$0.00
2018 Kilauea Voluntary Housing Buyout Program, 2018	\$0.00	\$100,534,000.00	\$0.00
B-19-UV-15-0001	\$0.00	\$62,229,935.00	\$0.00
B-19-UV-15-0002	\$0.00	\$38,304,065.00	\$0.00
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

Activity Status:

Under Way

Project Number:

2018 Kilauea Administration

Project Title:

2018 Kilauea Administration

Projected Start Date:

05/04/2021

Projected End Date:

04/30/2027

Benefit Type:

N/A

Completed Activity Actual End Date:

National Objective:

N/A

Responsible Organization:

County of Hawaii

Overall	Jul 1 thru Sep 30, 2021	To Date
Total Projected Budget from All Sources	\$0.00	\$5,378,050.00
B-19-UV-15-0001	\$2,496,950.00	\$3,344,500.00
B-19-UV-15-0002	(\$1,310,950.00)	\$2,033,550.00
Total Budget	\$1,186,000.00	\$5,378,050.00
B-19-UV-15-0001	\$2,496,950.00	\$3,344,500.00
B-19-UV-15-0002	(\$1,310,950.00)	\$2,033,550.00
Total Obligated	\$5,378,050.00	\$5,378,050.00
B-19-UV-15-0001	\$3,344,500.00	\$3,344,500.00
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Total Funds Drawdown	\$0.00	\$0.00
B-19-UV-15-0001	\$0.00	\$0.00
B-19-UV-15-0002	\$0.00	\$0.00
Program Funds 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 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	\$0.00	\$0.00
County of Hawaii	\$0.00	\$0.00
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
Other Funds	\$ 0.00	\$ 0.00
Match Funds	\$ 0.00	\$ 0.00
Non-Match Funds	\$ 0.00	\$ 0.00

Other Funds:

Overall	This Period	To Date
Match Funds	\$ 0.00	\$ 0.00

Activity Description:

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



Location Description:

Activity Progress Narrative:

During the quarter, a substantial amendment was completed bringing the total CDBG-DR grant award to \$107,561,000.00. Program staff continued developing policies and procedures for the administration of the housing buyout program and relocation services. These procedures also included the development and implementation of a Quality Assurance and Quality Control (QAQC) program to ensure compliance with all program requirements. The County and Program staff are also continued working on the programs required Environmental Review with and estimated completion date in late December 2021. Program staff completed setting up the Line of Credit Control System (LOCCS) and updating DRGR project and activity budgets for the last \$23,720,000 allocation of CDBG-DR funds.

Section 3 Qualitative Efforts:

Accomplishments Performance Measures

No Accomplishments Performance Measures

Beneficiaries Performance Measures

No Beneficiaries Performance Measures found.

Activity Locations

No Activity Locations found.

Other Funding Sources

Amount

No Other Funding Sources Found

Total Other Funding Sources

Other Funding Sources Budgeted - Detail

No Other Match Funding Sources Found

Activity Supporting Documents:

None