

Updated Amendment No. 4 (Substantial) to Community Development Block Grant Disaster Recovery Action Plan JEFFERSON PARISH LOUISIANA

Introduction On May 29, 2013, HUD issued FR -5696-N-03, notifying Jefferson Parish, Louisiana of an allocation of \$16,453,000.00 from the Disaster Relief Appropriations Act of 2013. Jefferson Parish subsequently submitted and received HUD approval of their Disaster Recovery Action Plan to address the outstanding needs that resulted from Hurricane Isaac, which struck Louisiana in August of 2012.

Action Plan Amendment No. 1 (non-substantial) expanded the EPO installation initiative to not only include stations that don't have EPO's; but to also modify existing EPO's, which will include the replacement of undersized EPO's with higher capacity EPO's and to relocate inaccessible EPO's to accessible locations.

Action Plan Amendment 2 (substantial) modified appropriations to accurately reflect allocations awarded by HUD FR-5696-N-03 and that revised language for Housing Program requirements, performance metrics, construction standards, special needs, displacement prevention and homeless support. Language was also revised for administration and monitoring, program income and community participation. As part of Amendment 2, a revised action plan was issued to reflect the change.

Action Plan Amendment 3 (non-substantial) revised the number of stations where EPO's will be installed and expands the emergency pump out installation initiative to include the installation of new non-clog self-cleaning pumps and controls at stations where EPO's are installed under the initiative. It also clarifies the public comment period that is required for future substantial changes to the action plan.

This Action Plan Amendment 4 (substantial) introduces a new Infrastructure Drainage Program and reallocates \$3,000,000 from CDBG-DR housing funds a new Infrastructure Drainage Program. The \$3,000,000 in funding is not needed for housing due to lack of eligible applicants for the housing programs. Action Plan Amendment 4 is intended to revise the action plan that resulted from Action Plan Amendment 3 (non-substantial).

Action Plan Amendment 4 represents the following changes: The reallocation will be accomplished as follows:

- Reduce HAP activity allocation from \$8,653,190 to \$6,528,190, resulting in a decrease of \$2,125,000. HAP administration allocation will remain unchanged.
- Reduce ESP activity allocation from \$2,250,000 to \$1,375,000, resulting in a decrease of \$875,000. ESP administration allocation will remain unchanged.
- The total net decrease in housing funds is \$3,000,000. These funds will be reallocated to the Hurricane Isaac Drainage Program which will include funding critical drainage projects located on the west bank of the parish.
- This is considered a substantial amendment because more than \$1,000,000 is being reallocated from housing to the Hurricane Isaac Drainage Program.

Below are changes to the Action Plan under this substantial amendment:

- On page 3 of the action plan:
 - the following language is added to the Executive Summary

In addition to the impacts on the sewer system, the parish will implement the Hurricane Isaac Drainage Improvement Program to address critical improvements to the drainage infrastructure to address impacts from Hurricane Isaac.

- The Program Table on page 3 is replaced with the following table:

	HAP	ESP	EPO Infrastructure	Drainage Infrastructure
Activity	\$6,528,190	\$1,375,000	\$4,727,160	\$2,850,000
Administration	\$ 455,431	\$118,421	\$248,798	\$150,000
Total	\$6,983,621	\$1,493,421	\$4,975,958	\$3,000,00

- Page 16 the following language is added before the Economic Impact Section:

Drainage Impacts

In addition to the sewer system, the impacts of Hurricane Isaac on the Parish’s drainage infrastructure were widespread throughout the parish concentrating mainly on the hardest hit areas of the parish, the westbank including the Cown Point, Barataria, and the Town of Jean Lafitte.

On August 29th as Hurricane Isaac approached the storm surge and heavy rains flooded most of the Lafitte area. Entergy power was lost, and the auto switchover system at each pump station engaged and the power source transferred to generator power. During the event many of the drainage pump station’s discharge water levels had reached a point of pump recirculation (when water from pump discharge circulates back to the pump suction side).

During the first and second day of this event the Drainage personnel were unable to access many of the pump stations due to high winds and water. After the winds had diminished and higher roadways became accessible – the Drainage Department could access the impacted drainage stations with high water vehicles.

The issues encountered in these areas were related to high water and heavy rain. Some of the pump motors were inundated with water and became nonfunctional either during the storm or within a few days after. There was also high water that prohibited access to the stations to make repairs and/or fuel the generators. In addition, the heavy rainfall, and damaged drainage lines and pump station capacity, contributed to the flooding and subsequent de-watering of the area. These drainage lines caused a significant portion of the long term impacts not only to the stations, but directly to these communities.

- At the top of page 17 of the action plan, replace the CDBG-DR Programs table with the following: CDBG-DR Programs

	HAP	ESP	EPO Infrastructure	Drainage Infrastructure
Activity	\$6,528,190	\$1,375,000	\$4,727,160	\$2,850,000
Administration	\$ 455,431	\$118,421	\$248,798	\$150,000
Total	\$6,983,621	\$1,493,421	\$4,975,958	\$3,000,000

- On Page 17 under Housing, change the Total HAP Allocation from \$9,108,621 to \$6,528,190.
- On Page 20 under the Elevation Support Program, change the Total ESP Allocation from \$2,368,421 to \$1,493,421.
- On Page 24 the following program is added

Drainage Improvement Program

Total Project Allocation: \$3,000,000

As the parish continues to rebuild after Hurricane Isaac, the parish must invest in the infrastructure of the vulnerable communities impacted by Hurricane Isaac. The parish understands that the critical drainage and sewerage infrastructure is the backbone to a resilient community, and is necessary to rebuild from the impacts of Hurricane Isaac, and prepare for future storms. Through the Drainage Improvement Program, the parish will work directly with the Jefferson Parish Drainage Department and local municipalities such as the Town of Jean Lafitte to address critical drainage infrastructure needs as a result of Hurricane Isaac.

The Program will consist of the design and implementation of critical drainage improvements on the west bank of the parish including the areas heavily impacted by Hurricane Isaac such as Crown Point, Barataria, and the Town of Jean Lafitte. The Parish anticipates completing up to six drainage specific projects with CDBG-DR funding. The projects will consist of the following critical infrastructure improvements.

- Critical repairs and mitigation to sewerage/drainage stations and substations including elevation, hardening of infrastructure and critical repairs to the stations which were inaccessible during Hurricane Isaac.
- Drainage and subsurface improvements to strategic areas which suffered inundation of water and wind impacts from Hurricane Isaac
- All drainage improvements will utilize drainage materials which will increase the drainage capacity by up to 30%. This increase will remediate the impacts from Hurricane Isaac, as well as mitigate for future disasters.

All repairs shall be completed to account for a 10-year storm event in accordance with Jefferson Parish standards, and the drainage shall be tied into the existing drainage system.

National Objective: In accordance with 24 CFR 570.483, The Drainage Improvement Program will meet the following national objectives:

- Activities a Low to Moderate Area benefit
- Activities benefiting an urgent need of the community as a result of Hurricane Isaac