

## CRS Activity 510

Progress Report on Implementation of Credited Plan

Date this Report was Prepared: July 12, 2023

Name of Plan: Calcasieu Parish Hazard Mitigation Plan Update

Name of Community: Calcasieu Parish #220037

Date of Adoption of Plan: Adopted by FEMA September 16, 2021

Expiration Date: September 15, 2026

- 1) How can a copy of the credited Hazard Mitigation Plan (Floodplain Management Plan) or Repetitive Loss Area Analysis be obtained:

A copy of the plan can be obtained in person at the Department of Engineering & Public Works, 1015 Pithon, 4<sup>th</sup> Floor, Lake Charles, or on our website below.

<https://www.calcasieu.gov/services/planning-development/floodplain-and-coastal-zone-management/hazard-mitigation>

- 2) Describe how *this annual progress report* (not the credited Hazard Mitigation Plan or Repetitive Loss Area Analysis) was prepared and how it was submitted to the governing body, released to the media, and made available to the public:

The annual progress report was prepared by staff in the Grants section of the Division of Engineering and Public Works of the Calcasieu Parish Police Jury (CPPJ). Staff in this department apply for and manage grant projects, including flood mitigation grants. Staff reviewed the Action Items listed in the previously approved Hazard Mitigation Plan Update that relate to flood mitigation to determine the status of the Action Item and if any additional items should be considered. The status of each Action Item was updated. Items considered for the update include current flood mitigation projects, upcoming projects, and the Parish's Strategic Plan document.

CPPJ has made the progress report available to the public, media, and elected officials by publishing it online at:

<https://www.calcasieu.gov/services/planning-development/floodplain-and-coastal-zone-management/hazard-mitigation>

In addition, routine updates regarding our flood mitigation programs are communicated to the public through CPPJ's social media, CPPJ's television channel - C-Gov, and YouTube videos published to the CPPJ's YouTube channel.

Flood mitigation initiatives and priorities are discussed each year during CPPJ's Strategic Plan meetings. These meetings are held with CPPJ's governing body (Police Jurors) and CPPJ staff. CPPJ integrates mitigation and flood risk reduction throughout its Strategic Plan. CPPJ incorporates the feedback received from our Police Jurors during the Strategic Plan process to inform decisions related to flood mitigation priorities.

Progress metrics of our flood mitigation projects are also included as part of the Parish's annual budget. This document is available to the public and formally adopted by our governing body.

**3) Provide a description of the implementation of each recommendation or action item in the action plan or area analysis report, including a statement on how the project was implemented or not implemented during the previous year:**

See Exhibit A attached to this report that provides an update for each flood mitigation Action Item identified in Calcasieu's last Hazard Mitigation Plan Update.

In 2022, CPPJ was allocated a total of \$144,684,512.00 through FEMA's Hazard Mitigation Grant Program in the aftermath of Hurricane Laura. CPPJ prioritized flood mitigation, both residential and infrastructure projects, for the Hurricane Laura HMGP allocation. CPPJ received FEMA HMGP grant awards to implement 85 residential flood mitigation projects under the Laura HMGP allocation in 2023 and those projects are currently in the implementation phase.

CPPJ also submitted several large drainage improvement projects and two

drainage studies for FEMA HMGP funding. CPPJ is currently awaiting awards for those projects to begin implementation.

Since 2016, CPPJ has applied for and was awarded FEMA Flood Mitigation Assistance (FMA) grants for residential mitigation that average \$3M annually. Although CPPJ received a large FEMA HMGP allocation after Hurricanes Laura and Delta, CPPJ has continued to seek out additional FEMA FMA grants in 2022 and 2023 to maximize funding available for flood risk reduction to our residential structures across the parish.

CPPJ implemented a system for tracking potential residential mitigation projects throughout the year to be ready for application development as soon as grant notices are announced. Having this data on hand and routinely updated throughout the year allows CPPJ to strategically review and prioritize projects based on the property's ability to meet various grant requirements.

In 2023, CPPJ was awarded \$2,464,240.00 through FEMA's FMA Swift Current program. These 12 residential mitigation properties are located in the Greinwich Terrace Neighborhood. This area has flooded three times over the past four years. The Greinwich Terrace was significantly impacted by the May 2021 floods and Hurricane Delta.

- 4) Discuss why any objectives were not reached or why implementation is behind schedule:

Some goals have not been met due to lack of funding available to complete the projects.

- 5) What are the recommendations for new projects or revised recommendations?

In the 2026 Plan update process and revision, we will likely add additional regional detention projects and other project types that further align with our Parish drainage initiative to reduce flooding.

**Exhibit A**  
**Calcasieu Parish Hazard Mitigation Plan**  
**Flood Mitigation Action Item Update 2023**

Action	Action Description	Anticipated Year of Completion	2023 Status
CP2 Drainage Improvement	This will include increasing stormwater capacity through projects that increase capacity of existing drainage laterals, widen of channels, construct detention basins, and increase existing pump station capacity. Improving overall stormwater capacity and drainage will relieve flooding problems, reduce flood damage and costs of damage, overtopping of roads with drain water, while also keeping open roadways during periods of high precipitation. Benefits: Relieves Parish or local government and property owners of the continual flooding problems, with closed roadways (loss of function). Saves public funds for road repairs, drainage ditch repairs, sandbagging and blocking of roadways during storm periods.	2026	Ongoing; CPPJ submitted several FEMA HMGP applications to secure funding for large drainage improvement projects, and projects that will increase pump station capacity. These applications were submitted to FEMA in late 2022 and are still being reviewed. CPPJ anticipates FEMA approval and awards beginning in 2024.
CP3 Mitigation of Severe Repetitive Loss, Repetitive Loss, Substantially Damaged, and Other Hazard Prone Structures	Elevation, acquisition -demolition, acquisition- relocations, and reconstruction of repetitive loss, severe repetitive loss, substantially damaged, and/or other hazard -prone properties.	2026	Ongoing; In early 2023, CPPJ received FEMA HMGP grant awards to complete 85 residential flood mitigation projects and those projects are currently in the implementation phase. CPPJ also increased staff capacity to manage this large increase of residential mitigation projects.
CP7 Flood Proofing of Critical Facilities	Flood -proof critical facilities within the Parish to help promote continuation of critical services during a storm event	2026	Ongoing
CP10 NFIP Initiatives	Continue Calcasieu Parish’s participation in the National Flood Insurance Program (NFIP). Identify and implement necessary actions and steps to further the participation of Calcasieu Parish in the NFIP and Community Rating System including but not limited to floodplain mapping, higher regulatory standards, protecting building utilities, stormwater management standards, drainage system maintenance, and flood warning programs.	2026	Ongoing
CP15 Hazard Mitigation Planning	Conduct Hazard Mitigation Planning efforts which will include developing a multi -jurisdictional Geographic Information System (GIS) database to support future hazard mitigation planning.	2026	Ongoing