

City of Quitman Mitigation Action Plan

Action #	Description	Hazard(s) Addressed	Relative Priority	Lead Agency/ Department	Potential Funding Sources	Implementation Schedule	Implementation Status (2021)
Prevention							
P-1	Rehabilitation of the storm drain system, including the cleaning out of the drains and lining them with plastic coating.	Flood	High	Public Works	FEMA/MEMA, CDBG, Local funds	2025	The storm drain system has been cleaned out in the past, but a large-scale project to fix the inherent problems has not been undertaken. The city will continue to work on improving the drain system going forward.
P-2	Work with ECPDD to develop a model ordinance to regulate construction in flood-prone areas.	Flood	Moderate	Board of Aldermen	FEMA/MEMA, Local funds	2025	Deferred. A model ordinance has not been developed. The action is currently under consideration from local officials and will remain in the plan.
P-3	Collect additional data to define hazards, risk areas, and vulnerabilities to be used in future updates of the plan.	All	Low	Fire Department, Police Department	FEMA/MEMA, Homeland Security, Local funds	2025	Although much work has been done to collect data on risks, especially through this planning process, there are still significant needs in terms of data collection. Therefore, this action will remain in the plan.
P-4	Collect additional data on the number of buildings located in flood-prone areas near the Chickasawhay River and determine their assessed value in order to determine potential losses due to a flood event.	Flood	Low	Fire Department, Police Department	FEMA/MEMA, Local funds	2025	Although some data has been collected and analyzed on buildings that are flood prone in this area, the flood risk is not static and needs further evaluation, so this action is being deferred.
P-5	Hydrology Study for City of Quitman	Flood	Very High	Clarke County EMA	FEMA/MEMA, Local	2022	New Item

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Prevention							
P-6	Flash Flooding is our number one threat as the north entrance to the city is 20' to 30' higher than all areas below to the city limits in the south.	Flood	High	Public Works / Street Department	FEMA/MEMA, CDBG, Local	2022	New Action. Each area or storm basin has been analyzed, with one hydrology study completed.
P-7	Culverts at the end of W. Franklin going under the Street and Railroad are Undersized and the risk is flooding the entire business center of downtown.	Flood	Very High	Public Works / Street Department	FEMA/MEMA, CDBG, Local	2022	New Action. Culverts under Railroad Ave. Need to be enlarged to handle storm water. Once done the culverts under the railroad need to be enlarged.
P-8	Bailey Avenue has flooded twice in the last five years. Hydrology study indicates size of 30" culvert should be replaced with two 36"x 42" culverts.	Flood	High	Public Works / Street Department	FEMA/MEMA, CDBG, Local	2022	New Action. Several Homes have flooded with one home experiencing a loss of \$67,000. Have increased the flow away from Bailey to culverts under N. Jackson to reduce pressure on Bailey.
P-9	Water volume and pressure on the east side of Archusa Lake is a serious problem. Fire protection is suspect and sewer service is not complete to most homes.		High	Contractor Engineer	Corps of Engineers 592 Funds	2022	New Action. First phase (\$1.9) million will start in 2021 with an additional \$4. million in other stages. In ground pressure tank will be built.
P-10	Pine View Circle has had flood losses in four of the last 10 yrs. Junior High School has raw sewage flooding twice in 4 yrs.	Flood	High	Public Works / Engineer	FEMA/MEMA, CDBG, Local	2022	New Action. Sewer lines north of Pine View Circle and the Jr. High have been lined to reduce the infiltration of storm waters.
P-11	Culverts at end of Sycamore and Railroad Avenue can't handle the storm water surge and need to be increased in size. Three Homes have flooded in last 5 yrs.	Flood	High	Public Works / Engineer	FEMA/MEMA, CDBG, Local	2023	New Action

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Prevention							
P-12	Homes on the lower end of Lorretta Drive suffer flooding from storm waters going down their driveways and getting into their homes.	Flood	High	Public Works / Engineer	FEMA/MEMA, CDBG, Local	2024	New Action
P-13	Warning systems to alarm when weather or other threats develop Currently have two new sirens that have voice command ability	All	High	Fire	HMGP, FEMA, MEMA, CDBG	2021	New Action
P-14	Standby Emergency generator for City Hall and Economic Dev. Center.	All	High	Public Works	HMGP, FEMA, MEMA, CDBG	2021	New Action
P-15	Infiltration of storm waters in the lines from Grecimar to Pecan Circle and Dogwood have caused homes to be unable to flush their toilets	Flood	High	Water Department	HMGP, FEMA, MEMA, Local, CDBG	2022	New Action
P-16	Security around water wells and Lift Stations is needed. Currently, only a fence is around all of them. Needed is better security, cameras, and SCATA systems to alert us.	Security	High	Water Department	FEMA, MEMA, CDBG, Local	2021	New Action
P-11	Keeping gutters cleaned is currently being done by a 30 year old street sweeper, and other equipment is needed Back-hoe and Tractor to pull leaf machine are essential	All	Moderate	Street Department	Volkswagen Funds & Local	2021	New Action
P-12	Collect additional data on the number of buildings located in storm surge flooding. Determine their assessed value to determine potential losses	Flood	Moderate	Zoning	Local	2021	New Action

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Prevention							
P-13	City has numerous old brick Man-holes that are subject to collapse. We have replaced several but have many others	All	Moderate	Engineer, Water Department	HMGP, FEMA, MEMA	2023	New Action
P-14	City has cast iron water pipes and one street uses an Asbestos pipe for water. Some water lines need to be increased, especially to the other side of the lake.	Health & Safety	Moderate	Engineer, Water Department	HMGP, FEMA, MEMA, CDBG, Local	2022	New Action

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Property Protection							
PP-1	Repair of roof at the Quitman Fire Department.	High Wind	High	Fire Department	FEMA/MEMA, Homeland Security, Local funds	2017	COMPLETED
PP-2	Installation of a pitched roof on City Hall to replace the current flat roof.	Flood	High	Board of Aldermen	FEMA/MEMA, Homeland Security, Local funds	2017	COMPLETED
PP-3	Depot	Flood & High Wind	High	Board of Alderman	Local, MDAH	2025	New Action
Natural Resource Protection							
NRP-1	Chickasawhay River Natural Asset	Debris	Moderate	City and Army Corps of Engineers	Local	2023	New Action
Structural Projects							
SP-1	Installation of larger culverts on Railroad Avenue.	Flood	High	Public Works	FEMA/MEMA, CDBG, Local funds	2023	Larger culverts have not been installed on Railroad Avenue. The city will continue to look into potential funding sources for this project.
SP-2	Installation of a cement drainage ditch behind Pineview Circle.	Flood	High	Public Works	FEMA/MEMA, CDBG, Local funds	2023	A cement drainage ditch has not been installed behind Pineview Circle. The city will continue to look into potential funding sources for this project.
SP-3	Installation of approximately 400' of culverts on Anderson Street.	Flood	High	Public Works	FEMA/MEMA, CDBG, Local funds	2023	Culverts have not been installed on Anderson Street. The city will continue to look into potential funding sources for this project.

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Action #	Description	Hazard(s) Addressed	Relative Priority	Lead Agency/ Department	Potential Funding Sources	Implementation Schedule	Implementation Status (2021)
SP-4	Installation of additional pumps at the sewer to handle excess water due to heavy rainfall.	Flood	High	Public Works	FEMA/MEMA, CDBG, Local funds	2025	Additional pumps have not been installed to the sewer system. The city will continue to look into potential funding sources for this project.
SP-5	Sewer Lines draining into Brock Street Lift Station are incurring excessive Infiltration	Flood	High	Water Sewer	HMGP, CDBG, Local	2022	New Action
SP-6	Combine the small lagoon with the larger lagoon after cleaning smaller one	Health & Safety	Moderate	Water Sewer	HMGP, CDBG, Local	2024	New Action
SP-7	Bringing Sewer to other side of lake and increase water volume and pressure	Health & Safety	High	Water Sewer	CDBG, Local	2022	New Action
SP-8	Above Ground 150,000 gal. Water Tank for other side of Lake	Health & Safety	Moderate	Water Sewer	CDBG, Local	2024	New Action
SP-9	Retainage Ponds at Lumber Mill Property to lessen the effect of storm waters	Flood	High	Engineer, Water Sewer	CDBG, Local	2024	New Action
Emergency Services							
ES-1	Develop a plan to notify and evacuate residents living in special hazard areas, mobile homes, and areas of substandard housing before a hurricane.	Hurricane	High	Fire Department, Police Department	FEMA/MEMA, Local funds	2022	Have implemented ISIS Communication System and have place two warning sirens of the three needed plan is ongoing.

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ES-2	Installation of an emergency warning system for the city.	All	High	Board of Aldermen	FEMA/MEMA, Homeland Security, Local funds	2020-2025	We now have three of the warning sirens of the four needed. One more to go.
ES-3	Purchase generators to provide adequate backup power for critical facilities.	Tornado, High Wind	Moderate	Board of Aldermen	FEMA/MEMA, Homeland Security, AFGP, Local funds	2022	We have no back-up for City Hall or the two water wells. Need two 100K's and two 50K generators
ES-4	Purchase wildland firefighting gear for the volunteer fire department.	Wildfire	Moderate	Volunteer Fire Department	FEMA/MEMA, Homeland Security, DFGP, Local funds	2022	Wildfire fighting gear has not been purchased but is needed. One more to go.
ES-5	Purchase Equipment for Police Officers to respond to civil unrest and protection of Officers	Safety	Moderate	Police Department	FEMA, MEMA, Homeland Security	2022	New Action
Public Education and Awareness							
PEA-1	Education of local citizens on the dangers of driving across flooded roads.	Flood	High	Fire Department, Police Department	FEMA/MEMA, JAG, Local funds	2022	Considerable improvement in this program, but it will remain an ongoing effort
PEA-2	Purchase of materials to educate the public on being prepared for all hazards, including tornadoes, flooding, severe weather, etc.	All	Low	Fire Department, Police Department	FEMA/MEMA, Homeland Security, AFGP, Local funds	2025	The county has done a good job of sending out information on preparedness and weather updates to media. This task needs to be continual evaluation and implementation to ensure the public is well-informed, so this action will remain in place.
PEA-3	Encourage the construction of safe rooms and tornado shelters.	Tornado, High Wind	Moderate	County Emergency Management	FEMA/MEMA, Local funds	2025	New action
PEA-4	Using the Iris System to notify citizens by area of boil water notices	Health & Safety	High	Public Works	FEMA, MEMA, Local	2025	New Action