



#510

CHATHAM COUNTY MULTI-JURISDICTION PRE-DISASTER HAZARD MITIGATION PLAN

Developed on cooperation from the governments of:

Chatham County
City of Bloomingdale
City of Garden City
City of Pooler
City of Port Wentworth
City of Savannah
Town of Thunderbolt
City of Tybee Island

December 2015

Chatham Emergency Management Agency
124 Bull Street, Suite 140
Savannah, Georgia 31401

HMP / CHAPTER 4 / OVERALL COMMUNITY MITIGATION GOALS AND ACTIONS
 PRE-DISASTER HAZARD MITIGATION PLAN



City of Tybee Island Mitigation Actions

Activity #	Description	Hazard(s) Addressed	Goal Addressed	Relative Priority	Lead Agency/ Department	Potential Funding Sources	Implementation Schedule	Implementation Status (2015)
Prevention								
P-1	Assist Tybee Island Nursing Home in applying for a hardening project.	All	1 & 3	Moderate	City Administration	PDM; HMGF	Deleted	Deleted- The City does not have any authority over nursing home facilities in the area.
P-2	Conduct engineering studies to harden Tybee Island Lighthouse and Fort Screven.	All	1 & 3	Moderate	Tybee Island Lighthouse; Fort Screven	PDM; HMGF	Deleted	Deleted; This is not a City property.
P-3	Research availability of temporary housing for island residents.	All	1	Low	City Administration	Local Staff Time	Completed	Completed-Research indicates that temporary housing on the island is not practical based on the potential scenarios.
P-4	Put a plan in place for removal of records and documents from lower levels of buildings that may be flooded following a storm surge.	Flood/Storm Surge	1 & 3	Low	City Administration	Local Staff Time	Completed	Completed-A policy has been put in place to remove records from the lower levels of critical facilities based on evacuation plans.
Property Protection								
PP-1	Assist Tybee nursing home in applying to construct safe room(s).	All	1	Moderate	City Administration	Federal Funds	Completed	Completed -This facility is not in the City's jurisdiction.
PP-2	Evaluate critical facilities and recommend appropriate storm surge retrofit protection measures.	Storm Surge	1 & 3	Low	City Administration	HMGF; PDM	Completed	Completed-The study was completed and recommendations were made for specific facilities for elevation or equipment needs.
PP-3	Study potential effects of hazards on cemeteries.	All	1	Low	City Administration	Local Staff Time	Deleted	Deleted-There are no cemeteries located within the City of Tybee Island.
PP-4	Acquire of elevate repetitive loss properties. If properties are acquired they could be demolished and land preserved as open space.	Flood	1	Moderate	City Administration	HMGF; PDM; SRL; FMA	2020	New-There are 9 properties on the current repetitive loss list and these properties have had 2 or more floods in a 5-year period resulting in a dollar loss of \$2,5000 or more.

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PP-5	Elevate the 3 city potable water well pump houses (#78 Van Horn, #111 Butler Avenue, #105 14 th Street).	Flood	1	Moderate	City Water and Sewer Department	Local Funds; FMA; HM/GP; PDM	2020	New-Work will consist of the construction of an elevated building (Pump House) to house the motor, pump, pump control panel and generator with diesel fuel tank. The Chlorine Tank would still remain on ground level under the new elevated building.
Natural Resource Protection								
NRP-1	Protect existing sand dunes.	Tornado, Thunderstorm, Storm Surge, Hurricane, High Winds	1 & 3	Moderate	City Administration	PDM; FMA; HMGP	2017	Deferred-This is a continuous effort in which the City seeks federal funding to protect its coast line.
NRP-2	Build additional sand dunes.	Tornado, Thunderstorm, Storm Surge, Hurricane, High Winds	1 & 3	Moderate	City Administration	Local Funds	2018	Deferred-This is a continuous effort by the City to protect their coast line.
NRP-3	Regulate dock construction to reduce damage to native marsh grass.	Tornado, Thunderstorm, Storm Surge, Hurricane, High Winds	1 & 3	Moderate	City Administration	State and Local Funds	Deleted	Deleted-This is regulated by State Law.
Structural Projects								
SP-1	Remove submerged hazards from North Beach (pieces of old jetties protrude at low tide but are covered at high tide creating a safety hazard for swimmers).	Storm Surge, Hurricane	1	Moderate	City Administration	Local Funds	2017	New-Warning signs have been posted and some light objects have been removed by the City of Tybee Island but more funding is needed for total removal of the hazards. Minor work to remove obstacles is ongoing.

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Emergency Services								
ES-1	Install public announcement systems to be placed at each beach entrance on Tybee Island.	All	1, 3 & 4	Low	City Administration	HMGP 5%	Completed	Completed-4 PA alert systems were installed and equipped with audio and voice that can be heard throughout the island.
ES-2	Upgrade generators at pump stations.	All	1	High	City Administration	HMGP 5%	Completed	Completed
ES-3	Add redundancy to utility lines into Tybee Island.	All	4	Low	City Administration; GA Power	HMGP; PDM	2019	Deferred-The City is working with GA Power to continue this endeavor and anticipates completion in 2020.
ES-4	Purchase portable generators for stationing at each of the three Tybee Island gas stations, and other uses as needed.	All	1 & 3	Moderate	City Administration	HMGP 5%	Completed	Completed-The generator is located at Police Station Gas Pump for fueling of all City vehicles.
ES-5	Conduct additional hazard mitigation training for the fire department.	All	1	Low	City Administration/ Fire Department	Local Funds	Completed	Completed-Two City-wide hazard mitigation exercises have been conducted with personnel from each City department participating.
Public Education and Awareness								
PEA-1	Conduct workshops related to FEMA hazard mitigation grant programs as needed.	All	4	Moderate	City Administration	State Funds	2016	New-The City will work with the County to support public education on this endeavor.