

City of Tybee Island Mitigation Actions

Action #	Description	Hazard(s) Addressed	Goal Addressed	Relative Priority	Lead Agency/ Department	Potential Funding Sources	Implementation Schedule	Implementation Status (2015)	Project Status 2016
Prevention									
Property Protection									
PP-4	Acquire or elevate or mitigate repetitive loss properties. If properties are acquired they could be demolished and land preserved as open space.	Flood	1	Moderate	City Administration	HMGP; 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.	Same - updated description to include "mitigate" into the action
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; HMGP; 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.	Completed
PP-6	Purchase and install generators at 12 sewer lift stations (1609 Strand Ave., 1664 2nd Avenue, 407 14th Street, 1002 2nd Avenue, 300 4th Avenue, 101 Jones Avenue, 102 S. Campbell, 1275 Soloman Avenue, 101 Fort Street, 25 Gulick Street, 8 Rosewood Avenue and 111 Lewis Avenue.)	Power outage	1	High	City Water and Sewer Department	Existing Budget; HMGP	2020		*NEW POST MATTHEW: Install generators at each sewer lift station to prevent sewer back-up and overflow during power outages. Sewer back up and overflow can lead to environmental issues.
PP-7	Purchase and Install Stabilizers for the water and sewer department.	Power outage	1	High	City Water and Sewer Department	Existing Budget; HMGP	2020		*NEW POST MATTHEW: The City has 4 aerator motors at the water & sewer plant. The aerator motors are used push air to the basin to allow for bugs to grown and eat sewage waste. During the storm the aerator motors flipped over after being flooded. In order to keep the aerator motors from flipping over, we need to an attach a device to the motor that will stabilize it and keeping it from flipping over. The device will allow the motors to float up and down without flipping over. You can't buy a device to stabilize the aerator motors, the device must be built. The Water/Sewer Director has a vendor who can build the "stabilizer devices". Kathleen from FEMA recommended that we have this done.
PP-8	Purchase and Install Storm Shutters for City Hall	Tornado, Thunderstorm, Storm Surge, Hurricane, High Winds	1	High	City Water and Sewer Department	Existing Budget; HMGP	2020		*NEW POST MATTHEW: purchase and install storm shutters to protect facility from wind damage and flying debris.
PP-9	Purchase and Install Storm Shutters for Fire Dept.	Tornado, Thunderstorm, Storm Surge, Hurricane, High Winds	1	High	City Water and Sewer Department	Existing Budget; HMGP	2020		*NEW POST MATTHEW: purchase and install storm shutters to protect facility from wind damage and flying debris.

PP-10	Purchase and Install Storm Shutters for YMCA (Tybee Island EOC is housed at this location)	Tornado, Thunderstorm, Storm Surge, Hurricane, High Winds	1	High	City Water and Sewer Department	Existing Budget; HMGP	2020		*NEW POST MATTHEW: purchase and install storm shutters to protect facility from wind damage and flying debris.
PP-11	Purchase and Install storm shutters for Police Department	Tornado, Thunderstorm, Storm Surge, Hurricane, High Winds	1	High	City Water and Sewer Department	Existing Budget; HMGP	2020		*NEW POST MATTHEW: purchase and install storm shutters to protect facility from wind damage and flying debris.
PP-12	Purchase and Install storm shutters for the Marine Science Center	Tornado, Thunderstorm, Storm Surge, Hurricane, High Winds	1	High	City Water and Sewer Department	Existing Budget; HMGP	2020		*NEW POST MATTHEW: purchase and install storm shutters to protect facility from wind damage and flying debris.
PP-13	Purchase and Install Shutters for the Guard House.	Tornado, Thunderstorm, Storm Surge, Hurricane, High Winds	1	High	City Water and Sewer Department	Existing Budget; HMGP	2020		*NEW POST MATTHEW: purchase and install storm shutters to protect facility from wind damage and flying debris.
PP-14	Purchase and Install Storm Shutters for the department of public works.	Tornado, Thunderstorm, Storm Surge, Hurricane, High Winds	1	High	City Water and Sewer Department	Existing Budget; HMGP	2020		*NEW POST MATTHEW: purchase and install storm shutters to protect facility from wind damage and flying debris.
PP-15	Purchase and install storms shutters at River's End RV Park Manager's Residence and Office	Tornado, Thunderstorm, Storm Surge, Hurricane, High Winds	1	High	City Water and Sewer Department	Existing Budget; HMGP	2020		*NEW POST MATTHEW: purchase and install storm shutters to protect facility from wind damage and flying debris.
PP-16	Purchase and Install Storm Shutters for the North Beach Restrooms	Tornado, Thunderstorm, Storm Surge, Hurricane, High Winds	1	High	City Water and Sewer Department	Existing Budget; HMGP	2020		*NEW POST MATTHEW: purchase and install storm shutters to protect facility from wind damage and flying debris.
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.	On-going
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.	On-going
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.	n/a
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.	90% Complete
Emergency Services									
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.	new lines being put in - on-going
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.	n/a
ES-6	Purchase generator for fire station to provide power to station due to power outage.	Power Outage	1	High	City Fire Dept.	HMGP/Budget	2018		*NEW POST MATTHEW: Generator will help to power the EOC after a storm. This will help keep important equipment charged and working for firefighters and workers safety.
Public Education and Awareness									

PEA-1	Conduct workshops related to FEMA hazard mitigation grant programs as needed.	All	4	Moderate	City Administration	State Funds	2018	New-The City will work with the County to support public education on this endeavor.	On-going - New Implementation Date
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