

THE FOLLOWING RESOLUTION WAS INTRODUCED BY COUNCIL MEMBER _____; AND SECONDED FOR ADOPTION BY COUNCIL MEMBER _____

RESOLUTION NO. 23-49

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF MANDEVILLE ADOPTING THE 2023 HAZARD MITIGATION PLAN ANNUAL REPORT.

WHEREAS, the Disaster Mitigation Act of 2000 (DMA 2000) requires state and local governments to prepare and adopt a hazard mitigation plan as a precondition for receiving federal mitigation funds; and

WHEREAS, the City of Mandeville is subject to many natural hazards including tropical storms, hurricanes, flooding, tornadoes, and other hazards that can damage property, close businesses, disrupt traffic and present a public health and safety hazard; and

WHEREAS, Hazard Mitigation is defined as sustained actions taken to reduce or eliminate long-term risk from hazards and their effects. Hazard Mitigation Planning is the process through which natural hazards that threaten communities are identified, likely impacts of those hazards are determined, mitigation goals are set and appropriate strategies that would lessen the impacts are determined, prioritized, and implemented; and

WHEREAS, the City Council of the City of Mandeville adopted Resolution 20-20, which adopted the St. Tammany Parish Multi-Jurisdictional Hazard Mitigation Plan Update in 2020. The Hazard Mitigation Plan is required by the Federal Emergency Management Agency (FEMA) to be updated every five (5) years; and

WHEREAS, the City of Mandeville along with the participating jurisdiction are required to preform an annual review; and

WHEREAS, the 2023 Hazard Mitigation Plan Annual Report was coordinated by the St. Tammany Parish Hazard Mitigation Plan Update Steering Committee, in collaboration with community stakeholders and the general public. The City of Mandeville is one of the participating jurisdictions; and

WHEREAS, this 2023 Hazard Mitigation Plan Annual Report documents the planning process, identifies the natural hazards and risks within the Parish and jurisdictions, and identifies the mitigation strategy to make St. Tammany Parish less vulnerable and more disaster resilient. Information in the Plan will be used to help guide and coordinate mitigation and local policy decisions affecting future land use; and

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Mandeville does hereby adopt the 2023 Hazard Mitigation Plan Annual Report.

With the above resolution having been properly introduced and duly seconded, the vote was as follows:

AYES:

NAYS:

ABSENT:

ABSTENTIONS:

and the resolution was declared adopted this ____ day of _____, 2023.

Kristine Scherer
Clerk of Council

Jason Zuckerman
Council Chairman

Mandeville Previous and New Mitigation Actions

City of Mandeville Action Update										Action	Recommendations
Jurisdiction- Specific Action	Action Description	Funding Source	Timeframe	Responsible Party, Agency, or Department	Hazard	Status 2020	Status 2021	Status 2022	Status 2023		
Elevation of Severe Repetitive Loss, Repetitive Loss and structures below BFE	Currently there are 59 properties listed on FEMA's SRL/RL list. Properties will be prioritized based on the SRL / RL. The City elevates properties as funding is made available while developing strategies for coastal and flood control protection and mitigation.	FEMA HMPG and FMA	Ongoing	City of Mandeville Mayor's Office	Flooding, Tropical Cyclone	Carried over	Ongoing	Ongoing	Ongoing	x	
Sewerage Treatment Plant Flood Mitigation	The proposed project would include the construction of either an earthen berm or I-wall surrounding a portion of the sewerage treatment plant to prevent the inundation of flood waters from storm surge. The project will also include the elevation of Ultraviolet lights used in the final stage of sewerage treatment.	FEMA HMPG	1-5 Years	City of Mandeville Mayor's Office	Flooding, Tropical Cyclone	Ongoing	Ongoing	Ongoing	In Progress	x	
Wind Retrofit of Mandeville Police Department Headquarters	Mandeville Police Department Headquarters will be retrofitted to provide protection from high winds. The Scope of Work includes but is not limited to hardening windows, doors, and mechanical equipment. This retrofit will exceed the International Building Code wind load requirements for this location.	Local, State, Federal	1-5 years	City of Mandeville Mayor's Office	Tropical Cyclone, Wind, Hail, Tornado	Ongoing	Ongoing	Ongoing	In Progress	x	
Wind Retrofit of Mandeville Community Center	Mandeville Community Center will be retrofitted to provide protection from high winds. Includes but is not limited to hardening windows, doors, and mechanical equipment. This retrofit will exceed the International Building Code wind load requirements for this location.	Local, State, Federal	1-5 years	City of Mandeville Mayor's Office	Tropical Cyclone, Wind, Hail, Tornado	Ongoing	In Progress	In Progress	Ongoing	x	
Flood mitigation and Wind Retrofit of Mandeville Public Works Department Facilities	Mandeville Public Works Department Facilities will be retrofitted to provide protection from high winds and mitigated from flood waters. The Scope of Work includes but is not limited to hardening windows, doors, and mechanical equipment. The wind retrofit will exceed the International Building Code wind load requirements for this location.	FEMA HMPG	1-5 years	City of Mandeville Mayor's Office	Tropical Cyclone, Wind, Hail, Tornado	Ongoing	Ongoing	In Progress	In Progress	x	
Wind Retrofit of Mandeville City Hall	Mandeville City Hall will be retrofitted to provide protection from high winds. The Scope of Work includes but is not limited to hardening windows, doors, and mechanical equipment. This retrofit will exceed the International Building Code wind load requirements for this location.	FEMA HMPG	1-5 Years	City of Mandeville Mayor's Office	Tropical Cyclone, Wind, Hail, Tornado	Ongoing	In Progress	In Progress	Ongoing	x	
Cypress Swamp/Green Fund Coastal Restoration and Armoring	The proposed project would construct a berm of a yet to be determined type in Lake Pontchartrain in front of an endangered cypress swamp along the shoreline of the City of Mandeville. The berm would armor the identified section of shoreline against continued coastal erosion as well as reduce the velocity of storm runoff thereby allowing suspended sediments to rebuild land.	FEMA HMPG	1-5 Years	City of Mandeville Mayor's Office	Tropical Cyclone, Coastal Hazards, Flooding	Ongoing	In Progress	In Progress	In Progress	x	

Mandeville Previous and New Mitigation Actions

City of Mandeville Action Update										Action	Recomm endations
Jurisdiction- Specific Action	Action Description	Funding Source	Timeframe	Responsible Party, Agency, or Department	Hazard	Status 2020	Status 2021	Status 2022	Status 2023		
Expand and enhance canals, culverts and flow capacity.	Upgrade the flow capacity of storm water along Lake Shore Drive; in Golden Glen Subdivision; and along Bayou Chinchuba, Bayou Castine, and Little Bayou Castine by expanding and sloping the canals and replacing any inferior culverts along the major drainage laterals	City Budget and Grants	1-5 years	Street Supervisor/Public Works Director	Flooding, Tropical Cyclone	In progress	Ongoing	Ongoing	Ongoing	x	
Backup power for Critical Facilities	Add Back up power supply/generators at critical locations such as sewer lift stations.	City Budget, Grant, Fire budget	estimated 2025 completion	Public Works and Wastewater Supervisor	Flooding, Tropical Cyclone, Wind, Lightning, Tornado	In progress	Ongoing	In Progress	In Progress	x	
Little Bayou Castain Drainage	Madison (Marigny to LittleBayou Castain); Overlay (1,200' x 18') Drainage (36" RCPA)	City Budget, potential for FEMA grant	1-5 years	City Engineer and or Department of Public Works	Flooding, Storm Surge	Ongoing	Ongoing	Ongoing	Ongoing	x	
Continued Community Education	The city continues to provide hazard education to the public through public service advertising, meetings with schools and neighborhood organizations, and distribution of materials at retailers, thelibrary, and city hall	City Budget and Grants	1-5 Years	Mayor's Office and Public Works Director	Flooding, Tropical Cyclone, Wind, Hail, Lightning	New	In Progress	In Progress	Continuous	x	
Participation in FEMA grant programs	The city continues active participation in various FEMA grant programs, in particular the HMGP and FMA which has funded multiple elevationprojects in Mandeville.	City Budget and Grants	1-5 years	City Building Official; Planning Director and City Floodplain Manager	Flooding, Tropical Cyclone	New	In Progress	In Progress	In Progress	x	
Seawall Improvements	Improve seawall along lakeshore drive by increasing its size to better protect structures from Tropical Cyclone and tropical storm induced tidal flooding. (Public opposition to this proposal probably means that it will not be initiated). – Corps of Engineers is currently doing an economic feasibility study	City Budget and Grants	Ongoing - 1-5 years	Public Works Department	Flooding, Tropical Cyclone, Storm Surge	New	Ongoing	Ongoing	In Progress	x	
Continued Community Rating System Participation and Associated Activities	On October 1, 2018 the city improved from a CRS class 7 to a class 6. This improvement qualified residents for an additional 5% discount on flood insurance premiums. The city continued its activities to improve the CRS rating, so that during the CRS Cycle Visit 6/2022, the City obtained a CRS Class 5! Effective October 2022, residents in SFHA will receive a 25% discount on their flood insurance policies!	City Budget	1-5 Years	City Floodplain Manager	Flooding, Tropical Cyclone, Wind, Lightning, Storm Surge	New	In Progress	Completed 6/2022			x
Continued Enforcement of regulations/building code standards	Continue enforcement of floodplain regulations, subdivision regulations, engineering standards, and building code to ensure that all future development is implemented in such a way that risk from natural hazards is minimized	City Budget	1-5 Years	Floodplain manager/building Official/Public Works Department/City Engineer	Flooding, Tropical Cyclone, Wind, Storm Surge	New	Continuous	Continuous	Continuous		x

Mandeville Previous and New Mitigation Actions

City of Mandeville Action Update										Action	Recommendations
Jurisdiction- Specific Action	Action Description	Funding Source	Timeframe	Responsible Party, Agency, or Department	Hazard	Status 2020	Status 2021	Status 2022	Status 2023		
Master Drainage Plan	Develop a master drainage plan which will evaluate drainage projects at major drainage laterals to determine best method of increasing drainage capacity. Implement recommended projects resulting from drainage plan.	City Budget	1-5 Years	City Engineer and or Department of Public Works	Flooding, Tropical Cyclone	New	Ongoing	Ongoing	Ongoing	x	
Adoption of International Building Codes and Regulation of New Development	Adopt the current International Building Codes by ordinance, which would result in additional techniques to harden structures and mitigate against damage from hazards.	HMGP, Local	1-5 years	St Tammany Parish Government/ Mandeville Mayor's Office	Coastal Hazards, Flooding, Tropical Cyclone, Termites, Tornadoes, Thunderstorms, Wildfires	New	Ongoing	In Progress	Completed 7/1/23		x
Enhanced Mitigation Outreach and Education for All Hazards	Increase public awareness of hazards and hazardous areas. Actions may include distribution of public awareness information regarding all hazards and potential mitigation measures; implementation of educational program for children and merchants; Integrate disaster preparedness/mitigation into the public school curriculum, providing public education on the importance of maintaining the ditches, promotion of the purchase of flood insurance for public. Sponsor a "Multi-Hazard Awareness Week", to educate the public on all hazards	HMGP, Federal	1-5 years	City of Mandeville Mayor's Office	Flooding, Thunderstorms, Tornadoes, Tropical Cyclones, Coastal Hazards, Drought, Fog, Termites, Wildfires, Coastal Hazards	New	Ongoing	In Progress	In Progress		x
Potable Water	Create redundancy of potable water supply to critical facilities, and provide protection of potable water supply by acquisition/installation of backflow preventers at appropriate critical locations.	HMGP, Federal	1-5 years	City of Mandeville Mayor's Office	Flooding, Thunderstorms, Tornadoes, Tropical Cyclones	New	Ongoing	Ongoing	In Progress	x	
Flood Proofing Projects	Flood-proof critical structures within Mandeville to help promote continuation of critical services during a storm event	HMGP, Federal	1-5 years	City of Mandeville Mayor's Office	Flooding, Tropical Cyclones	New	Ongoing	Ongoing	In Progress	x	
Road Elevation	Elevate roads in vulnerable locations prone to flooding and drainage problems.	HMGP, Federal	1-5 years	City of Mandeville Mayor's Office	Flooding, Tropical Cyclones	Ongoing	Ongoing	Ongoing	Ongoing	x	
Pumping Station Projects	Elevate or flood proof pump stations; upgrade existing pump stations by installing block valves to prevent/protect against backwater	HMGP, Federal	1-5 years	City of Mandeville Mayor's Office	Flooding, Tropical Cyclones	In Progress	In Progress	In Progress	In Progress	x	
Communication System Upgrades	Implement upgrades and additions to communications systems, including the Auto call out system. Implement a public notification system, such as sirens or a call down system with backup capabilities.	HMGP, Local, regional, and federal	1-5 years	City of Mandeville Mayor's Office	Flooding, Thunderstorms, Tornadoes, Tropical Cyclones, Fog	In Progress	In Progress	In Progress	In Progress		
Water Conservation Measures	Adopt ordinances requiring water-saving measures in time of drought	HMGP, Local	1-5 years	St Tammany Parish Government/ Mandeville Mayor's Office	Drought	In Progress	In Progress	In Progress	Ongoing		x

Mandeville Previous and New Mitigation Actions

City of Mandeville Action Update											
Jurisdiction- Specific Action	Action Description	Funding Source	Timeframe	Responsible Party, Agency, or Department	Hazard	Status 2020	Status 2021	Status 2022	Status 2023	Action	Recommendations
Resiliency Plan	Develop a resiliency plan which will evaluate the City's ability to adapt to climate change and environmental hazards	City Budget and Grants	1-5 Years	City of Mandeville Mayor's Office, Planning Director, City Engineer	Flooding, Tropical Cyclones	New & In progress	New & In progress	In Progress	Completed 4/1/23	x	
Land Acquisition	Initiative to acquire land for storm water management and property not suitable for development	City Budget	1-5 Years	City of Mandeville Mayor's Office, Planning Director, City Engineer	Flooding, Tropical	New	New	In Progress	In Progress	x	
Shoreline Protection	Closure & Restoration of the shoreline wetlands	City Budget and Grants	1-5 Years	City of Mandeville, Public Works Director, City Engineer	Flooding, Coastal Hazards	New	New	Ongoing	In Progress	x	
27										22	5