

HARRIS COUNTY MULTI-HAZARD MITIGATION ACTION PLAN

PROGRESS REPORT

Guidance to the report author:

Please refer to one or more of the following to ensure all required information is captured in your progress report prior to submission: Hazard Mitigation Plan maintenance section, the latest CRS Manual, the U.S. HUD CDBG-DR Action Plan, and any applicable programmatic policies and procedures. Please edit/expand each placeholder section as needed to ensure applicability. Additional guidance is provided throughout the template in yellow italicized text.

Reporting Period

The reporting period for this progress report is 06-01-2020 through 07-12-2021.

Background

City of Seabrook and participating local cities and districts developed a hazard mitigation plan to reduce risk from all hazards by identifying resources, information, and strategies for risk reduction. The federal Disaster Mitigation Act of 2000 requires state and local governments to develop hazard mitigation plans as a condition for federal disaster grant assistance. To prepare the plan, the participating planning partners organized resources, assessed risks from natural hazards, developed planning goals and objectives, reviewed mitigation alternatives, and developed an action plan to address probable impacts from natural hazards. By completing this process, these jurisdictions maintained compliance with the Disaster Mitigation Act, achieving eligibility for mitigation grant funding opportunities afforded under the Robert T. Stafford Act.

Purpose

The purpose of this report is to provide an update on the implementation of the mitigation initiatives identified in the *Harris County Multi-Hazard Mitigation Action Plan: City of Seabrook annex*. The objective is to ensure that there is a continuing planning process that will keep the Harris County Multi-Hazard Mitigation Action Plan dynamic and responsive to the needs and capabilities of the *City of Seabrook* and stakeholders.

Planning Committee

For the reporting period, the committee membership is listed in Table 1.

TABLE 1 COMMITTEE		
Name	Title	Jurisdiction/Agency
Brad Goudie		Seabrook, City of
Nick Kondejewski		Seabrook, City of

Summary Overview of the Plan's Progress

The performance period for the Harris County Multi-Hazard Mitigation Action Plan became effective on *07-23-2020*, with the final approval of the plan by FEMA. The initial performance period for this plan will be 5 years, with an anticipated update to the plan to occur before *01-01-2024*. As of this reporting period, the performance period for this plan is considered to be 21% complete. The Harris County Multi-Hazard Mitigation Action Plan has targeted 24 hazard mitigation actions to be pursued during the 5-year performance period. As of the reporting period, the following overall progress can be reported:

- 10 out of 24 initiatives (42%) reported progress toward completion.
- 3 out of 24 initiatives (13%) reported no action taken.
- 5 out of 24 initiatives (21%) were completed.
- 6 out of 24 initiatives (25%) indicated work is conducted as an ongoing capability.
- 0 initiatives were removed due to elimination of a program.

Review of the Action Plan

Table 2 reviews the action plan, reporting the status of each initiative.

**TABLE 2
ACTION PLAN MATRIX**

Action Taken?	Timeline	Priority Changed?	Comment (Describe progress or changed priority)	Status
Seabrook, City of				
SBK1 - Where appropriate, support retrofitting, purchase or relocation of structures located in hazard areas, prioritizing those that have experienced repetitive losses and/or are located in high- or medium-risk hazard areas				
Yes	Long Term (5+yrs.)	Yes	Working on a plan to retrofit water treatment facility from repetitive loss area. Also, working to flood proof City Hall, EOC, Courts and PD from high storm surge.	In Progress
SBK10 - Install early warning systems for public buildings				
Yes	Short Term (<5yrs.)	Yes	Reviewing appropriate early warning systems.	In Progress
SBK11 - Install flood barrier systems, i.e. modular flood panels designed to withstand high velocity water loads and high impact forces to enhance flood protection at critical care and/or public infrastructure				
Yes	Long Term (5+yrs.)	No	Conducting feasibility study of viable options and funding sources.	In Progress
SBK12 - Harden water piping lines and systems with non-corrosive linings/coatings (Drought resistant materials) to prevent loss of water due to breaks caused by dry ground conditions from Drought				
Yes	Short Term (<5yrs.)	No	Approximately 90% of corrosive lines have been replaced.	In Progress
SBK13 - Implement a tree management program to limit debris damage to critical infrastructure, public facilities from falling tree canopy				
Yes	Short Term (<5yrs.)	No	All Critical Infrastructure has been protected from falling tree canopy.	Completed
SBK14 - Increase Haz-Mat training/equipment for local responders				
Yes	Short Term (<5yrs.)	No	First responders receive annual hazmat training on an annual basis at a minimum.	In Progress
SBK15 - Continue on building the relationships with local essential personnel throughout the neighboring communities and communications to the Public				

Yes	Other, please specify	No	City leaders and emergency management team remains engaged at regional LEPC meetings and leadership groups.	Ongoing Capability
SBK16 - Harden waste water piping lines and systems with non-corrosive linings/coatings (Drought resistant materials) to prevent loss of water due to breaks caused by dry ground conditions from Drought				
Yes	Long Term (5+yrs.)	No		In Progress
SBK17 - Conform to NOAA ATLAS 14 standards in all Repetitive Loss areas impacted by 100-year storm event				
Yes	Other, please specify	Yes	Engineering worked with Harris County to becoming compliant where pertinent. This has be approved by the county.	Completed
SBK18 - Eliminate low lying areas that prohibit emergency access during Flood events. Remove to NOAA ATLAS 14 Guidelines				
Yes	Long Term (5+yrs.)	No	The city is working to identify areas and notify impacted parties. Solutions are being evaluated.	Ongoing Capability
SBK19 - Improve or install lighter color roofing materials or cooler paving materials				
Yes	Long Term (5+yrs.)	Yes	Roof color changed at City Hall.	In Progress
SBK2 - Integrate the hazard mitigation plan into other plans, ordinances and programs that dictate land use decisions in the community, including Capital Improvement Programs, Master Plans, and Strategic Plans				
Yes	Other, please specify	No		Completed
SBK20 - Identify exposed/above ground pipelines in flood hazard area				
Yes	Long Term (5+yrs.)	Yes		No Progress
SBK21 - Replace the three existing water flow culverts with bridges, Second Street, Elmar and Meyer and Pine Gully				
Yes	Long Term (5+yrs.)	No		No Progress
SBK22 - Identify vulnerable populations to extreme heat hazards				

Yes	Short Term (<5yrs.)	No	Worked with STEAR to register vulnerable populations	Completed
SBK23 - Develop/implement a Winter Storm Public Education Program for home heating, to educate the public on winter hazards and personal actions to mitigate winter damages to property and to safely heat homes				
Yes	Short Term (<5yrs.)	No	EM and Communications department worked together and delivered PSA for winter storms.	Completed
SBK24 - Actively participate in and support the implementation of the six area-wide actions identified in Volume 1 of this plan				
Yes	Other, please specify	No		Ongoing Capability
SBK3 - Actively participate in the plan maintenance protocols outlined in Volume 1 of this hazard mitigation plan				
Yes	Short Term (<5yrs.)	No		Ongoing Capability
SBK4 - Continue to maintain good standing and compliance under the NFIP through implementation of floodplain management programs that, at a minimum, meet the NFIP requirements, Enforce the flood damage prevention ordinance, Participate in floodplain identification and mapping updates, Provide public assistance/information on floodplain requirements and impacts.				
Yes	Other, please specify	No		Ongoing Capability
SBK5 - Relocate the current Waste Water Treatment facility from the location on Galveston Bay to a high location in the City				
Yes	Short Term (<5yrs.)	No	The City is waiting on response from FEMA on grant funding.	In Progress
SBK6 - Develop reliable fiber-optic communications network to maintain communications during disasters, and facilitate disaster preparedness and recovery for data network				
Yes	Short Term (<5yrs.)	No	IT currently working on network and approximately 85% complete.	In Progress
SBK7 - Relocate the current Emergency operations Center (EOC) and Police Department to a higher elevation site within the City of Seabrook				

Yes	Long Term (5+yrs.)	Yes	Currently working to identify locations and funding sources.	In Progress
SBK8 - Establish emergency water supply lines and infrastructure to provide alternate emergency pathways during water breaks/Shortages by installing more connections and valves to shut-off or re-route water				
Yes	Other, please specify	No		Ongoing Capability
SBK9 - Improve code/ordinance to require removal of dead vegetation/dry fuel sources in risk areas				
Yes	Short Term (<5yrs.)	Yes		No Progress

Changes That May Impact Implementation of the Plan

Recommendations for Changes or Enhancements

Based on the review of this report by the Planning Committee, the following recommendations will be noted for future updates or revisions to the plan. Table 3 lists the new initiatives added this reporting period.

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Public review notice

The contents of this report are considered to be public knowledge and have been prepared for total public disclosure. Copies of the report have been provided to the governing boards of all planning partners and to local media outlets. Any questions or comments regarding the contents of this report should be directed to: **Brad Goudie**

**TABLE 3
NEW ACTIONS**

Action Taken?	Timeline	Priority Changed?	Comment (Describe progress or changed priority)	Status
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Additional Comments

Attachments