

Fort Bend County, Texas Hazard Mitigation Plan - 2023 Update

Planning Partnership Kick-Off Meeting | November 16, 2022

Agenda



- Hazard Mitigation Planning Overview
- Planning Partnership Responsibilities
- Public and Stakeholder Outreach
- Completing Worksheets



Questions/Next Steps/Wrap Up



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Hazard Mitigation Planning Overview

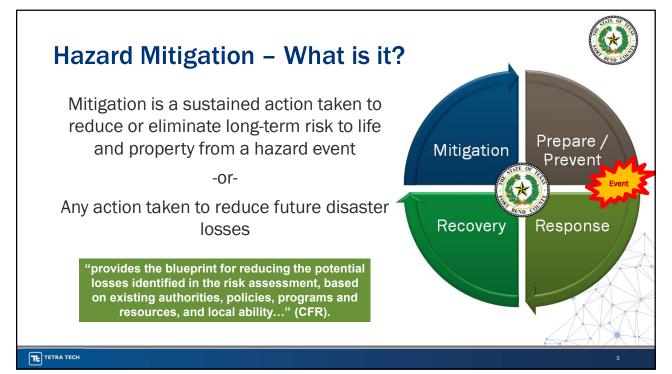


- •What is hazard mitigation?
- •How does this support resiliency and recovery?
- •Why update the plan?
- •What is the process?

- Authorized by the Disaster Mitigation Act of 2000
- Provides an overview of the impacts of natural hazards on communities
- ✓ Provides a roadmap to reducing the impact of these hazards
- ✓ Requires a FEMA-approved natural hazard mitigation plan to be eligible for Pre- and Post-Disaster Mitigation Funding
- ✓ 5-year updates required to maintain eligibility



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Why Update?

- The mitigation plan update will:
 - •Help the County prepare for and mitigate the effects of disasters
 - Continue to allow the County and participating partners to be eligible for pre- and post-disaster mitigation funding
 - Support CRS participation/rating of municipalities

Hazard	Losses (1950 – June 2022)	
Dam/Levee Failure	-	BEND COM
Drought	\$1 million (property) \$7.3 million (crop)	
Expansive Soils		
Extreme Cold		
Extreme Heat		
Flood (Flash)	\$805 billion (property) \$52,000 (crop)	
Hailstorms	\$2.897 million (property)	
Hurricanes	\$400 million (property)	
Land Subsidence		
Lightning	\$574,000 (property)	
Pandemic/Disease Outbreak		
Tropical Storms	\$12.34 million (property)	
Tornadoes	\$16.183 million (property)	
Wildfires	-	
Windstorms		
Severe Winter Storms	-	
TOTAL Source: NOAA-NCEI 2022	L \$805,432,994 billion (property) \$7.404 million (crop)	

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Planning Partnership Roles and Responsibilities



- As the municipal representative for your community, you need to actively participate throughout the process in order to be included in the plan. This includes:
 - Coordinate and facilitate local efforts
 - Attend meetings
 - Provide information and feedback (e.g., complete municipal worksheets)
 - Involve the public and community stakeholders in the planning process
 - Identify mitigation actions for your community
 - Adopt the plan
 - Implement the plan and monitor its progress
- All participation will be documented in the HMP



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Participation Tracker



		Requirements Met (Y/N)						
Jurisdiction Name	Planning Process	Hazard Identification and Risk Assessment	Mitigation Strategy	Plan Review, Evaluation, and Implementation	Plan Adoption	State Requirements		
					<u> </u>	XXX		



2018 Hazards of Concern
Dam/Levee Failure
Drought
Expansive Soils
Extreme Heat
Floods
Hailstorms
Hurricanes/Tropical Storms
Land Subsidence
Lightning
Tornadoes
Wildfires
Windstorms
Severe Winter Storms

2023 Potential Hazards of Concern



- Dam/Levee Failure
- Derechos
- Drought
- Earthquake?
- Expansive Soils
- Extreme Temperature (heat/cold)
- Flood (Riverine/Flash/Stormwater)
- Hailstorms
- Hurricane/Tropical Storm

- Inland Erosion
- Land Subsidence
- Lightning
- Pandemic/Health and Safety
- Severe Weather (Lighting/Hail/Wind)
- Tornado
- Wildfire
- Winter Weather

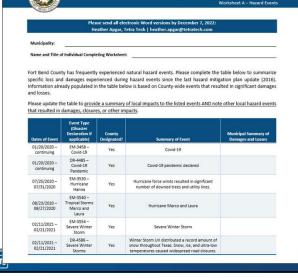


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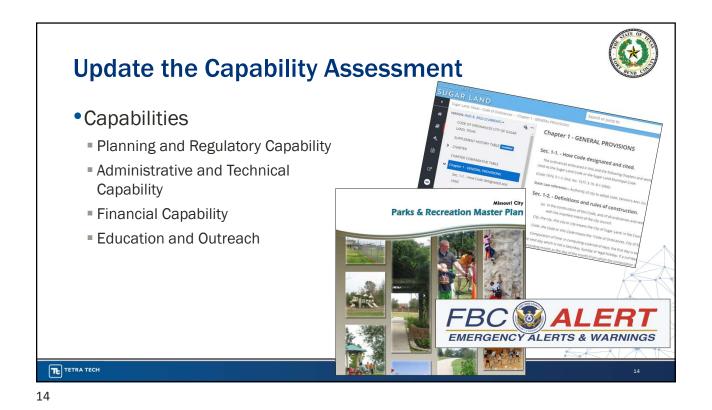
Worksheet A – Hazard Event History





Please identify other hazard events that have caused damage/losses in your community. Refer to FEMA project worksheets (PWs), overtime records, police/fire reports, repair costs (invoices), etc.					
Dates of Event	Event Type (Disaster Declaration if applicable)	County Designated?	Summary of Event	Municipal Summary of Damages and Losses	

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Worksheet B — Capability Assessment

**Table 1. Planning and Regulatory Capability

**Table 2. Planning and Regulatory Capability

**Table 3. Planning and Regulatory Capability

**Table 4. Planning and Regulatory Capability

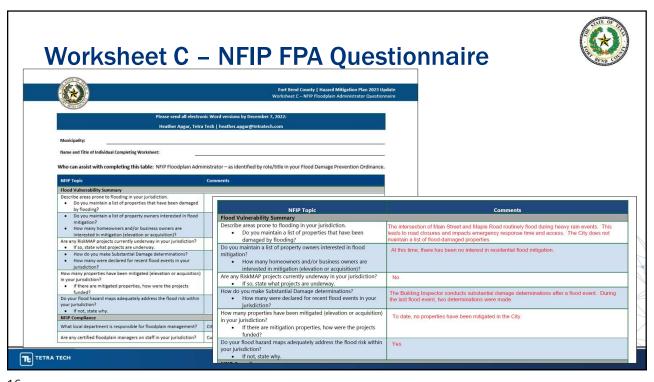
**Table 5. Planning and Regulatory Capability

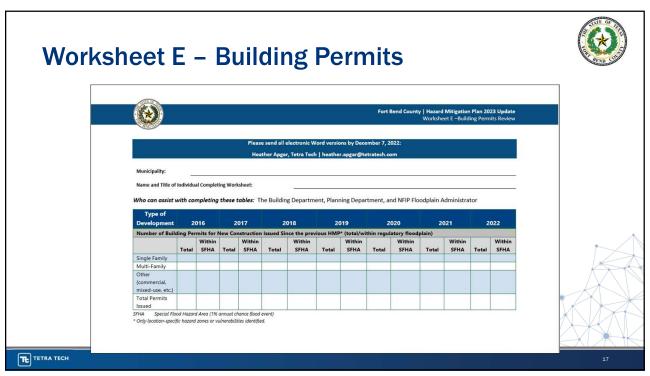
**Table 6. Planning and Regulatory Capability

**Table 7. Planning and Regulatory Capability

**Table 8. Planning and Regulatory Capability

**Table 9. Planning and Regulatory





Update the Mitigation Strategy



- Determine the status of mitigation actions
- Identify new mitigation actions/projects
 - •Focus on specific, implementable, and achievable actions!
 - Look at your list of critical facilities and lifelines what do they need to be operational during a disaster?
 - Two mitigation actions for every hazard of concern!
- Conduct Mitigation Strategy Workshop date TBD

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Worksheet D — Action Review For Bend Country | Massed Attings from Action Review Overholder D - Adolgration Action Benderoon | Please used all electronic, Word versions by December 7, 2022; Intelligence Action | For Bend Country | Intellige

Update Other Sections of Plan



- County Profile
 - •Taking the previous profile from the last plan and updating it accordingly
- Planning Process
 - Documentation of the update process
- Plan Maintenance
 - •Incorporation into other plans as well as identifying way to incorporate other plans into the updated HMP
 - Identify a game plan for annually reviewing and updating the HMP



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Submit HMP for Review



- Review Draft with Planning Team
- 14-day Public Comment Period
- Conduct Public Meeting to Review the Draft
- Submit for Texas Division of Emergency Management (TDEM) Review
 - 30 days
- Submit for Federal Emergency Management Agency (FEMA) Review
 - ■45 days
- "Approvable Pending Adoption" Status



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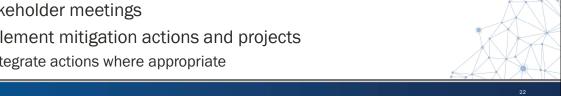
Adopt the HMP



- Fort Bend County and at least one participating municipality need to adopt the HMP in order for it be considered 'approved'
- Once FEMA approves the plan, adoption can begin
- Adoption deadline TBD

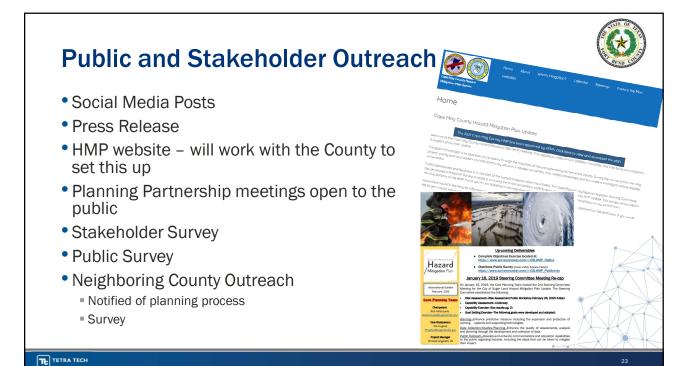
Implement the HMP

- Regular Planning Team meetings
- Stakeholder meetings
- Implement mitigation actions and projects
 - Integrate actions where appropriate



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Next Steps / Upcoming Schedule



- Complete worksheets to be distributed via email due December 7th
- Mitigation Strategy Workshop early February (tentatively)
- Risk Assessment Meeting late March (tentatively)
- Public Review Period April 2023 (tentatively)
- Draft Plan to TDEM April 2023 (tentatively)
- Final Draft to FEMA May 2023 (tentatively)
- APA June 2023 (tentatively)



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