



SECTION 9. TOWN OF THOMPSONS

9.17 Town of Thompsons

This section presents the jurisdictional annex for the Town of Thompsons that provides resources and information to assist public and private sectors to reduce losses from future hazard events. This annex is not guidance of what to do when a disaster occurs. Rather, this annex concentrates on actions to reduce or eliminate damage to property and people that can be implemented prior to a disaster. Information presented includes a general overview of the municipality, the Town of Thompsons representative who participated in the planning process, an assessment of the Town of Thompsons’s risk and vulnerability, the different capabilities used in the Town of Thompsons, and an action plan that will be implemented to achieve a more resilient community.

9.17.1 Hazard Mitigation Planning Team

The Town of Thompsons identified the primary and alternate points of contact and developed this plan over the course of several months with input from many Town of Thompsons departments, including the Mayor and Fire Department. The Mayor represented the community on the Fort Bend County Hazard Mitigation Plan (HMP) Planning Partnership and supported the local planning process requirements by securing input from persons with specific knowledge to enhance the plan. All departments were asked to contribute to the annex development through reviewing and contributing to the capability assessment, reporting on the status of previously identified actions, and participating in action identification and prioritization.

The following table summarizes municipal officials that participated in the development of the annex and in what capacity. Additional documentation on the municipality’s planning process through Planning Partnership meetings is included in Volume 1, Section 2 (Planning Process) and Appendix C (Meeting Documentation).

Table 9.17-1. Hazard Mitigation Planning Team

Primary Point of Contact		Alternate Point of Contact	
Name/Title:	Freddie Newsome - Mayor	Name/Title:	Keelan Spaulding – Fire Department
Address:	-	Address:	-
Phone Number:	(281) 343-9929	Phone Number:	-
Email:	mamanna56@yahoo.com	Email:	thompsonsvfd@gmail.com
NFIP Floodplain Administrator			
Name/Title:	KP George/County Judge		
Address:	401 Jackson St., Richmond, TX 77469		
Phone Number:	281-341-8606		
Email:	FBC.Judge@fbctx.gov		
Additional Contributors:			
Name/Title:	No additional contributors		
Method of Participation:			

9.17.2 Municipal Profile

Located 30 miles from Houston, Town of Thompsons closest neighbors are the City of Richmond and Rosenberg. Town of Thompsons is a farmland bedroom community of less than 200 residents. The northern





border of the City limits surround Smithers Lake, where an NRG coal plant operates. Calpine Electrical Plant also operates out of Thompsons. Both entities operate under industrial agreements that pay out once a year.

Thompsons incorporated in 1979 as an effort to avoid annexation from surrounding Cities. Town of Thompsons is a Type B General Law Town governed by a Mayor, Mayor Pro-Tem, and five Council Members. There is a paid City Secretary, part-time Clerk, Police Chief, and two maintenance workers. The Police Chief/Officer for the Police Chief is the sole member of the Town of Thompsons Police Department.

According to the 2021 American Community Survey the population for the Town of Thompsons was 235. Data from the 2021 American Community Survey indicate that 0 percent of the population is 5 years of age or younger, and 12.5 percent is 65 years of age or older. Communities must deploy a support system that enables all populations to safely reach shelters or to quickly evacuate a hazard area.

9.17.3 Jurisdictional Capability Assessment and Integration

The Town of Thompsons performed an inventory and analysis of existing capabilities, plans, programs, and policies that enhance its ability to implement mitigation strategies. Volume 1, Section 5 (Capability Assessment) describes the components included in the capability assessment and their significance for hazard mitigation planning. The jurisdictional assessment includes the following analyses:

- An assessment of legal and regulatory capabilities
- Development and permitting capabilities
- An assessment of administrative and technical capabilities
- An assessment of fiscal capabilities
- An assessment of education and outreach capabilities
- Classification under various community mitigation programs
- The community’s adaptive capacity to withstand hazard events

For a community to succeed in reducing long-term risk, hazard mitigation must be integrated into the day-to-day local government operations. As part of the hazard mitigation analysis, planning/policy documents were reviewed, and each jurisdiction was surveyed to obtain a better understanding of their progress toward plan integration. The updated mitigation strategy provided an opportunity for the Town of Thompsons to identify opportunities for integration of mitigation concepts that can be incorporated into municipal procedures.

Planning, Legal, and Regulatory Capability and Integration

The table below summarizes the regulatory tools that are available to the Town of Thompsons. The comment field provides information as to how the capability integrates hazard mitigation and risk reduction.

Table 9.17-2. Planning, Legal, and Regulatory Capability and Integration

	Jurisdiction has this? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Individual / Department / Agency Responsible
Codes, Ordinances, & Regulations				
Building Code	Yes	Fort Bend County Building Codes	County	County
<i>How does this reduce risk?</i>				
The City has an interlocal agreement with the County to handle all the building codes for the City. The County also manages development for the City.				



	Jurisdiction has this? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Individual / Department / Agency Responsible
Zoning/Land Use Code	No	-	-	-
<i>How does this reduce risk?</i>				
Subdivision Ordinance	No	-	-	-
<i>How does this reduce risk?</i>				
Site Plan Ordinance	No	-	-	-
<i>How does this reduce risk?</i>				
Stormwater Management Ordinance	No	-	-	-
<i>How does this reduce risk?</i>				
Post-Disaster Recovery/ Reconstruction Ordinance	No	-	-	-
<i>How does this reduce risk?</i>				
Real Estate Disclosure	Yes	The Private Real Property Rights Preservation Act - Subchapter B: Chapter 2007 of the General Government Code	State	-
<i>How does this reduce risk?</i> State-level code that authorizes a "taking"/Regulates construction in an area designated under law as a floodplain.				
Growth Management	No	-	-	-
<i>How does this reduce risk?</i>				
Environmental Protection Ordinance	No	-	-	-
<i>How does this reduce risk?</i>				
Flood Damage Prevention Ordinance	Yes	Flood Damage Prevention Ordinance	Local	Town Council
<i>How does this reduce risk?</i> Dictates the minimum flood standards adopted by the City to meet the Federal standards of the National Flood Insurance Program (NFIP).				
Wellhead Protection	No	-	-	-
<i>How does this reduce risk?</i>				
Emergency Management Ordinance	No	-	-	-
<i>How does this reduce risk?</i>				
Climate Change Ordinance	No	-	-	-
<i>How does this reduce risk?</i>				
Other	Yes	Septic Code	Local	Town Council
Planning Documents				
Comprehensive/Master Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Capital Improvement Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Disaster Debris Management Plan	No	-	-	-



	Jurisdiction has this? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Individual / Department / Agency Responsible
<i>How does this reduce risk?</i>				
Floodplain Management or Watershed Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Stormwater Management Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Open Space Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Urban Water Management Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Habitat Conservation Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Economic Development Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Shoreline Management Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Community Wildfire Protection Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Community Forest Management Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Transportation Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Agriculture Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Climate Action/ Resiliency/Sustainability Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Tourism Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Business/ Downtown Development Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Other	-	-	-	-
Response/Recovery Planning				
Comprehensive Emergency Management Plan	No	-	-	-
<i>How does this reduce risk?</i>				



	Jurisdiction has this? (Yes/No)	Code Citation and Date (code chapter, name of plan, date of plan)	Authority (local, county, state, federal)	Individual / Department / Agency Responsible
Continuity of Operations Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Strategic Recovery Planning Report	No	-	-	-
<i>How does this reduce risk?</i>				
Threat & Hazard Identification & Risk Assessment (THIRA)	No	-	-	-
<i>How does this reduce risk?</i>				
Post-Disaster Recovery Plan	No	-	-	-
<i>How does this reduce risk?</i>				
Public Health Plan	Yes	The Fort Bend County Health and Human Services Department (FBHHS) provides public health services for the City. FBHHS has public health plans as part of Annex H of the Fort Bend County Emergency Operations Plan.	County	FBHHS
<i>How does this reduce risk?</i> FBHHS has plans in place to prevent public health issues through regular inspections of regulated facilities, as well as prepare for and respond to public health emergencies.				
Other	No	-	-	-
<i>How does this reduce risk?</i>				

Development and Permitting Capability

The table below summarizes the capabilities of the Town of Thompsons to oversee and track development.

Table 9.17-3. Development and Permitting Capability

Indicate if your jurisdiction implements the following	Yes/No	Comment:
Do you issue development permits? • If yes, what department is responsible?	No	-
If you do not issue development permits, what is your process for tracking new development?	N/A	
Are permits tracked by hazard area? (For example, floodplain development permits.)	No	-
Do you have a buildable land inventory? • If yes, please describe	Yes	Emergency Response District that is larger than the City limits – one lot and house in City limits that is supposed to be bought out by FEMA -
Describe the level of build-out in your jurisdiction.	N/A	



Administrative and Technical Capability

The table below summarizes potential staff and personnel resources available to the Town of Thompsons and their current responsibilities that contribute to hazard mitigation.

Table 9.17-4. Administrative and Technical Capabilities

Resources	Available? (Yes/No)	Comments (available staff, responsibilities, support of hazard mitigation)
Administrative Capability		
Planning Board	No	-
Zoning Board of Adjustment	No	-
Planning Department	No	-
Mitigation Planning Committee	No	-
Environmental Board/Commission	No	-
Open Space Board/Committee	No	-
Economic Development Commission/Committee	No	-
Public Works/Highway Department	No	-
Construction/Building/Code Enforcement Department	No	-
Emergency Management/Public Safety Department	Yes	Fire Department assists with flood-related traffic control and evacuation planning.
Warning Systems / Services (mass notification system, outdoor warning signals, etc.)	No	-
Maintenance programs to reduce risk (stormwater maintenance, tree trimming, etc.)	No	-
Mutual aid agreements	Yes	Mutual aid with County
Human Resources Manual	No	-
Other	No	-
Technical/Staffing Capability		
Planners or engineers with knowledge of land development and land management practices	No	-
Engineers or professionals trained in building or infrastructure construction practices	No	-
Planners or engineers with an understanding of natural hazards	No	-
Staff with expertise or training in benefit/cost analysis	No	-
Professionals trained in conducting damage assessments	No	-
Personnel skilled or trained in GIS and/or Hazards United States (HAZUS) – Multi-Hazards (MH) applications	No	-
Environmental scientist familiar with natural hazards	No	-
Surveyor(s)	No	-
Emergency Manager	Yes	The City Mayor is the Emergency Manager
Grant writer(s)	No	-
Resilience Officer	No	-
Other (this could include stormwater engineer, environmental specialist, etc.)	-	-
How do your administrative/technical capabilities contribute to risk reduction in your community?		



Fiscal Capability

The table below summarizes financial resources available to the Town of Thompsons.

Table 9.17-5. Fiscal Capabilities

Financial Resources	Accessible or Eligible to Use? (Yes/No)
Community Development Block Grants (CDBG, CDBG-DR)	Yes
Capital improvements project funding	No
Authority to levy taxes for specific purposes	No
User fees for water, sewer, gas, or electric service	No
Impact fees for homebuyers or developers of new development/homes	No
Stormwater utility fee	No
Incur debt through general obligation bonds	No
Incur debt through special tax bonds	No
Incur debt through private activity bonds	No
Withhold public expenditures in hazard-prone areas	No
Other federal or state funding programs	Yes
Open space acquisition funding programs	No
Other (for example, Clean Water Act 319 Grants [Nonpoint Source Pollution])	Franchise Tax, Industrial Agreements

Education and Outreach Capability

The table below summarizes the education and outreach resources available to the Town of Thompsons.

Table 9.17-6. Education and Outreach Capabilities

Outreach Resources	Available? (Yes/No)	Comment:
Public information officer or communications office	No	-
Personnel skilled or trained in website development	No	-
Hazard mitigation information available on your website	No	No official Town website
Social media for hazard mitigation education and outreach	No	-
Citizen boards or commissions that address issues related to hazard mitigation	No	-
Warning systems for hazard events	No	-
Natural disaster/safety programs in place for schools	No	-
Does the jurisdiction have any public outreach mechanisms / programs in place to inform citizens on natural hazards, risk, and ways to protect themselves during such events? <ul style="list-style-type: none"> If yes, please describe. 	No	-

Community Classifications

The table below summarizes classifications for community programs available to the Town of Thompsons.



Table 9.17-7. Community Classifications

Program	Participating? (Yes/No)	Classification (if applicable)	Date Classified (if applicable)
Community Rating System (CRS)	No	-	-
Building Code Effectiveness Grading Schedule (BCEGS)	No	-	-
Public Protection (ISO Fire Protection Classes 1 to 10)	No	-	-
Storm Ready Certification	No	-	-
Firewise Communities classification	No	-	-
Other	-	-	-

Adaptive Capacity

Adaptive capacity is defined as “the ability of systems, institutions, humans, and other organisms to adjust to potential damage, to take advantage of opportunities, or respond to consequences” (IPCC 2014). Each jurisdiction has a unique combination of capabilities to adjust to, protect from, and withstand a future hazard event, future conditions, and changing risk. The table below summarizes the adaptive capacity for each identified hazard of concern and the jurisdiction’s capability to address related actions using the following classifications:

- Strong: Capacity exists and is in use.
- Moderate: Capacity might exist; but is not used or could use some improvement.
- Weak: Capacity does not exist or could use substantial improvement.

Table 9.17-8. Adaptive Capacity

Hazard	Adaptive Capacity – Strong/Moderate/Weak
Dam/Levee Failure	Moderate
Disease Outbreak	Moderate
Drought	Moderate
Extreme Temperature	Moderate
Flood	Moderate
Geologic Hazards	Moderate
Hurricane/Tropical Storm	Moderate
Severe Weather	Moderate
Tornado	Moderate
Wildfire	Moderate
Winter Weather	Moderate

9.17.4 National Flood Insurance Program (NFIP) Compliance

This section provides specific information on the management and regulation of the regulatory floodplain, including current and future compliance with the NFIP. The Floodplain Administrator is responsible for maintaining this information and is listed in the Hazard Mitigation Planning Team table at the beginning of this annex.

NFIP Summary

The following table summarizes the NFIP statistics for the Town.



Table 9.17-9. NFIP Summary

Municipality	Policies in Force ^a	Number of Paid Claims ^a	Amount of Paid Claims ^a	Number of NFIP RL Properties ^b	Number of NFIP SRL Properties ^b
Thompsons (C)	17	22	\$932,569.16	0	0

Sources: a BureauNet 2022 (<https://nfipservices.floodsmart.gov/reports-flood-insurance-data>)

b 2018 Fort Bend County HMP

Notes: Due to a contractual agreement with FEMA, detailed information at the municipal level was not available to incorporate into the 2023 HMP Update. The information presented here was collected from data provided by the State of Texas and from FEMA's HUDEX Report.

*Number of RL and SRL properties provided by the State of Texas

**Total policies in force and paid claims collected from FEMA's OpenFEMA Dataset: FIMA NFIP Redacted Claims

RL Repetitive Loss

SRL Severe Repetitive Loss

Flood Vulnerability Summary

The following table provides a summary of the NFIP program in the Town of Thompsons.

Table 9.17-10. NFIP Summary

NFIP Topic	Comments
Flood Vulnerability Summary	
Describe areas prone to flooding in your jurisdiction. <ul style="list-style-type: none"> Do you maintain a list of properties that have been damaged by flooding? 	Fort Bend County is the NFIP – City does not have certified Floodplain Administrator
<ul style="list-style-type: none"> Do you maintain a list of property owners interested in flood mitigation? How many homeowners and/or business owners are interested in mitigation (elevation or acquisition)? 	No
Are any RiskMAP projects currently underway in your jurisdiction? <ul style="list-style-type: none"> If so, state what projects are underway. 	May 2015 – flood evacuation and Harvey evacuation
<ul style="list-style-type: none"> How do you make Substantial Damage determinations? How many were declared for recent flood events in your jurisdiction? 	The Town does not have a Substantial Damage Management Plan in place, nor do they have a formal process in place when conducting substantial damage determinations. The Town is in need of a formal process and plan to provide a framework for conducting such inspections and determinations. No SD declarations for recent flood events.
How many properties have been mitigated (elevation or acquisition) in your jurisdiction? <ul style="list-style-type: none"> If there are mitigated properties, how were the projects funded? 	N/A
Do your flood hazard maps adequately address the flood risk within your jurisdiction? <ul style="list-style-type: none"> If not, state why. 	City Hall and Fire Department are elevated and those are not privately owned.
NFIP Compliance	
What local department is responsible for floodplain management?	County
Are any certified floodplain managers on staff in your jurisdiction?	County
Do you have access to resources to determine possible future flooding conditions from climate change?	No



NFIP Topic	Comments
Does your floodplain management staff need any assistance or training to support its floodplain management program? <ul style="list-style-type: none"> If so, what type of assistance/training is needed? 	N/A
Provide an explanation of NFIP administration services you provide (e.g., permit review, GIS, education/outreach, inspections, engineering capability)	The City does not have a Floodplain Administrator. The County is responsible for Floodplain Administration.
How do you determine if proposed development on an existing structure would qualify as a substantial improvement?	N/A
What are the barriers to running an effective NFIP program in the community, if any?	The City is small and does not have staff to run the NFIP.
Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed? <ul style="list-style-type: none"> If so, state the violations. 	No
When was the most recent Community Assistance Visit (CAV) or Community Assistance Contact (CAC)?	N/A
<ul style="list-style-type: none"> What is the local law number or municipal code of your flood damage prevention ordinance? What is the date that your flood damage prevention ordinance was last amended? 	N/A
Does your floodplain management program meet or exceed minimum requirements? <ul style="list-style-type: none"> If exceeds, in what ways? 	Meets
Are there other local ordinances, plans or programs (e.g., site plan review) that support floodplain management and meeting the NFIP requirements? For instance, does the planning board or zoning board consider efforts to reduce flood risk when reviewing variances such as height restrictions?	No
Does your community plan to join the CRS program or is your community interested in improving your CRS classification?	Yes

9.17.5 Growth/Development Trends

Understanding how past, current, and projected development patterns have or are likely to increase or decrease risk in hazard areas is a key component to appreciating a jurisdiction’s overall risk to its hazards of concern. The table below summarizes recent and expected future development trends, including major residential/commercial development and major infrastructure development.

The County is responsible for administering building permits to the City.

Table 9.17-11. Number of Building Permits for New Construction

Type of Development	2018		2019		2020		2021		2022	
Number of Building Permits for New Construction Issued Since the previous HMP* (total/within regulatory floodplain)										
	Total	Within SFHA	Total	Within SFHA	Total	Within SFHA	Total	Within SFHA	Total	Within SFHA
Single Family	0	0	0	0	0	0	0	0	0	0
Multi-Family	0	0	0	0	0	0	0	0	0	0



Other (commercial, mixed-use, etc.)	0	0	0	0	0	0	0	0	0	0
Total Permits Issued	0	0	0	0	0	0	0	0	0	0

SFHA Special Flood Hazard Area (1% annual chance flood event)

* Only location-specific hazard zones or vulnerabilities identified.

Table 9.17-12. Recent and Expected Future Development

Property or Development Name	Type (e.g., Res., Comm.)	# of Units / Structures	Address and Parcel ID	Known Hazard Zone(s)	Description/Status of Development
Recent Major Development from 2018 to Present					
Fort Bend County is responsible for issuing all development permits within the Town of Thompson					
Known or Anticipated Major Development in the Next Five (5) Years					
Fort Bend County is responsible for issuing all development permits within the Town of Thompson					

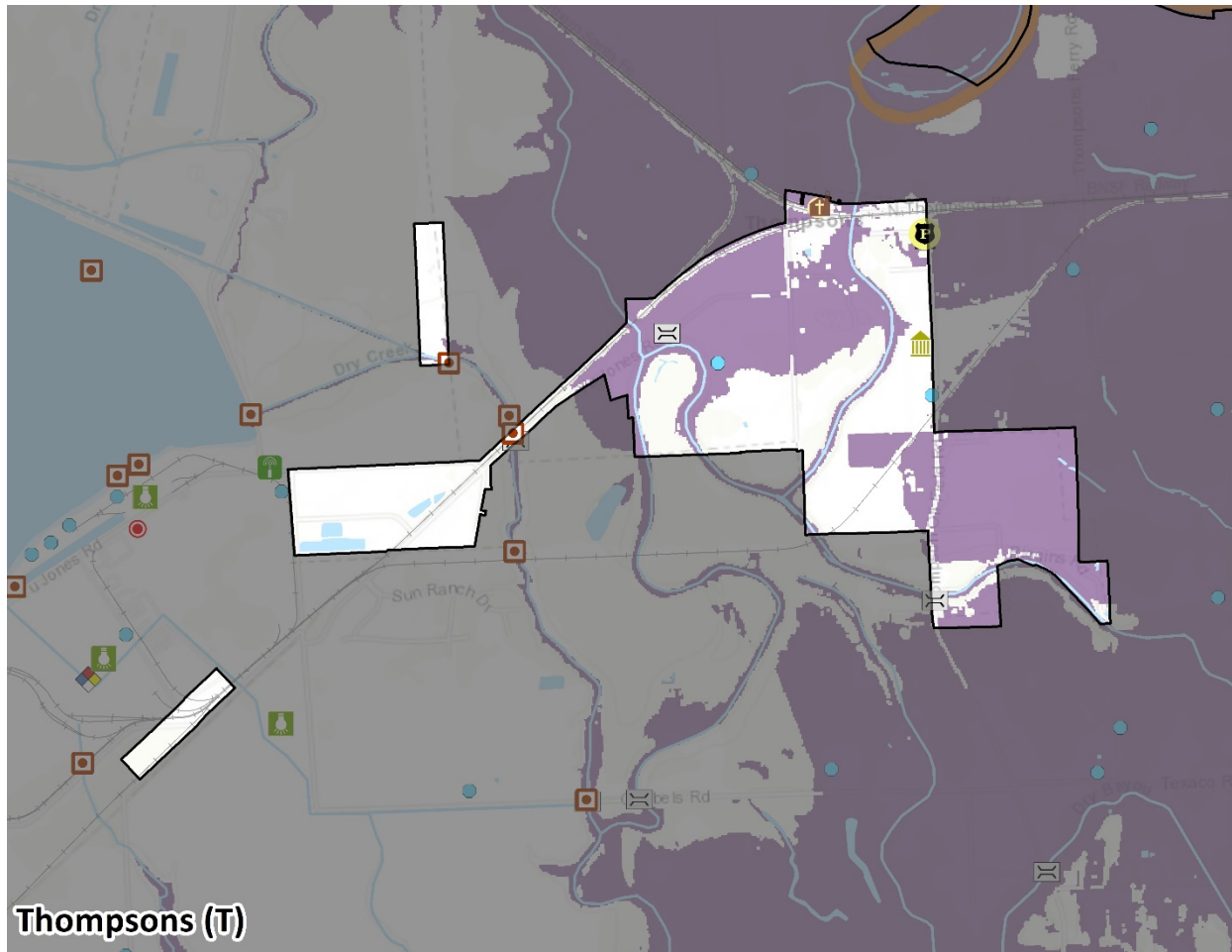
9.17.6 Jurisdictional Risk Assessment

The hazard profiles in Volume 1, Section 4 (Risk Assessment) provide detailed information regarding each plan participant’s vulnerability to the identified hazards. Section 4.1 (Methodology and Tools) and Section 4.4 (Hazard Ranking) provide detailed summaries for the Town of Thompsons’s risk assessment results and data used to determine the hazard ranking discussed later in this section.

Hazard area extent and location maps provided below illustrate the probable areas impacted within the jurisdiction based on the best available data at the time of the preparation of this plan and are adequate for planning purposes. Maps were generated only for those hazards that can be identified clearly using mapping techniques and technologies and for which the Town of Thompsons has significant exposure. The maps also show the location of potential new development, where available.



Figure 9.17-1. Town of Thompsons Hazard Area Extent and Location Map- Dam Inundation

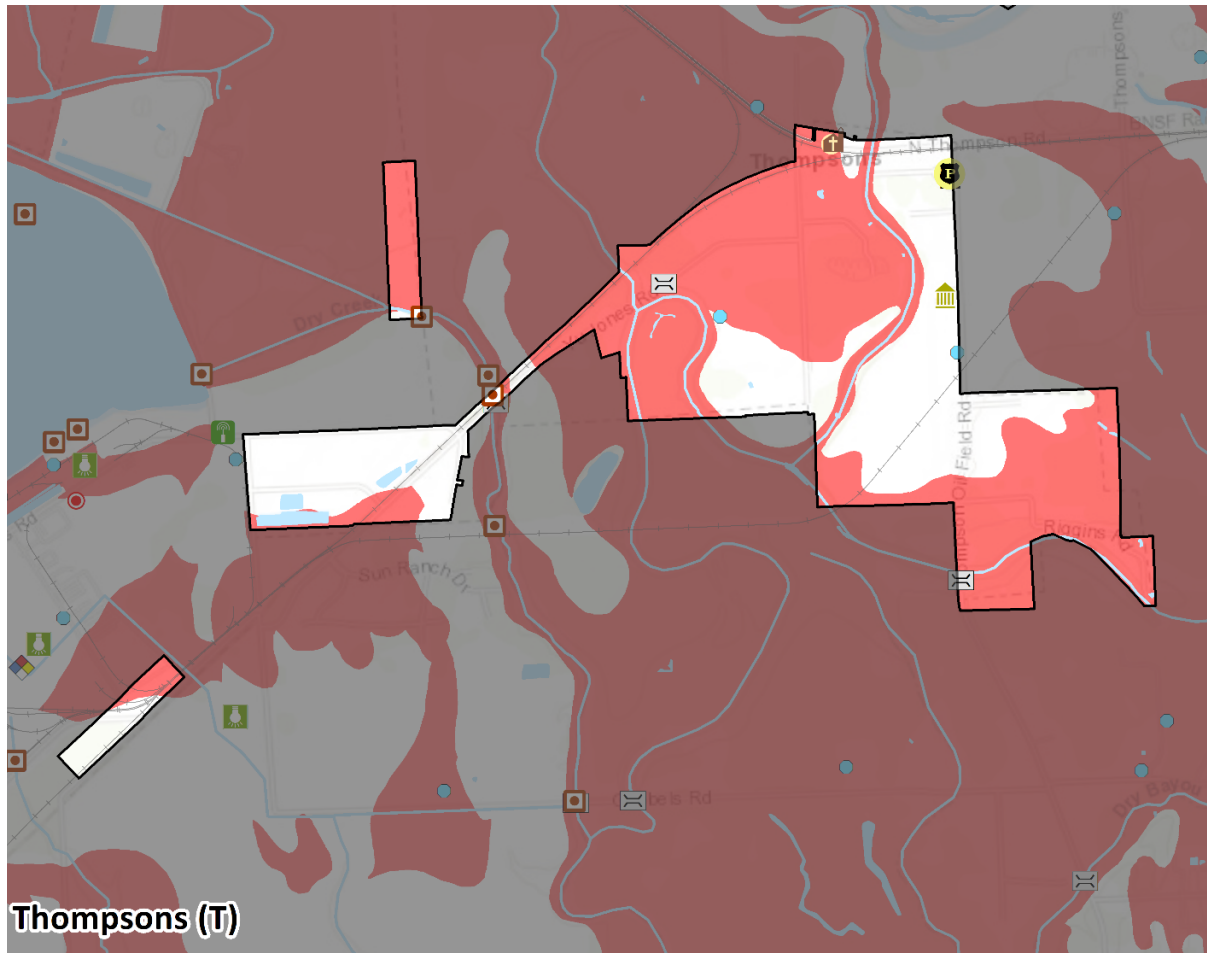


Airport	Hazardous Materials	Potable Water Tower	County Boundary
Alternative/Specialized Education	Hospital	Potable Water Well	Interstate
Bridge	Library	Primary Education	U.S. Highway
Bus Station	Major Employer	Private Water Well	State Highway
Cellular Transmission	Medical Clinic	Public Water Well	Toll Road
Church	Municipal Hall	Public Works	County Road
Community Center	Museum	Radio Broadcast	Railroad
Correctional Facility	Outfall	Secondary Education	Waterbody
Dam	Petroleum Storage Tank	Senior Care	Barker Reservoir
EMS Station	Pharmacy	Stormwater Pump Station	Kitty Hollow Dam
EOC	Police Station	TV Broadcast	Lake Sommerville
Electric Power	Post-Secondary Education	Urgent Care	
Fire Station	Potable Water Facility	Wastewater Lift Station	
Gas Station	Potable Water Pump Station	Water Treatment Facility	
Government Office	Potable Water Tank	WWTWastewater Treatment Plant	

0 0.275 0.55 Miles
 Data Sources: U.S. Geological Survey, National Geospatial Program 2022; Texas Department of Transportation 2022; U.S. Army Corp of Engineers 2023
 Notes: City (C), Township (T), Village (V)



Figure 9.17-2. Town of Thompsons Hazard Area Extent and Location Map- Expansive Soils

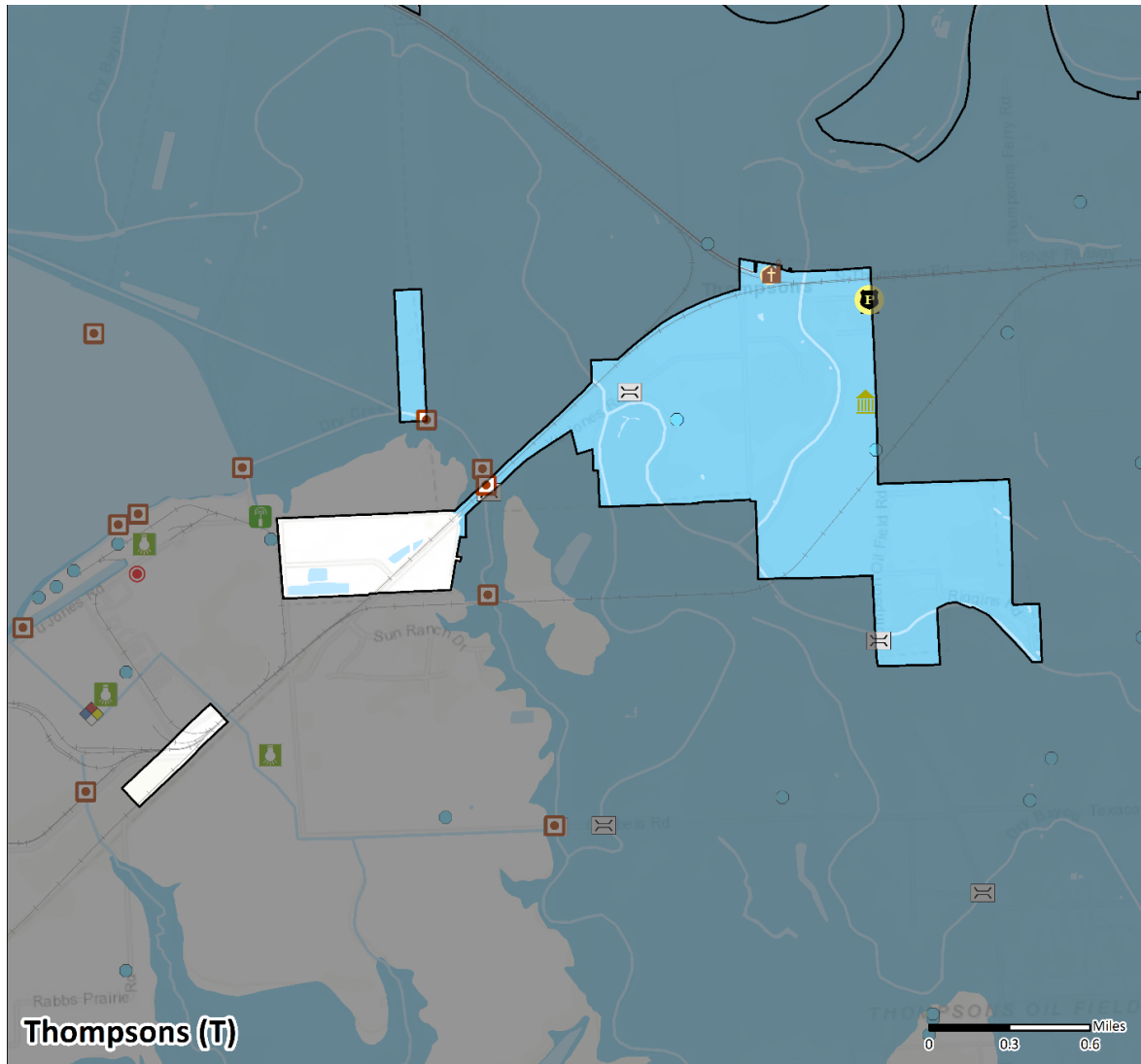


Thompsons (T)

- | | | | |
|-----------------------------------|----------------------------|--------------------------|--|
| Airport | Hazardous Materials | Potable Water Tank | County Boundary |
| Alternative/Specialized Education | Hospital | Potable Water Tower | Interstate |
| Bridge | Library | Potable Water Well | U.S. Highway |
| Bus Station | Major Employer | Private Water Well | State Highway |
| Cellular Transmission | Medical Clinic | Public Water Well | Toll Road |
| Church | Municipal Hall | Public Works | County Road |
| Community Center | Museum | Radio Broadcast | Railroad |
| Correctional Facility | Outfall | Secondary Education | Waterbody |
| Dam | Petroleum Storage Tank | Senior Care | Expansive Soils Hazard Area |
| EMS Station | Pharmacy | Stormwater Pump Station | Linear Extensibility >6% |
| EOC | Police Station | TV Broadcast | |
| Electric Power | Post-Secondary Education | Urgent Care | Miles
0 0.25 0.5 |
| Fire Station | Potable Water Facility | Wastewater Lift Station | Data Sources: U.S. Geological Survey,
National Geospatial Program 2022;
Texas Department of Transportation 2022;
U.S. Department of Agriculture, Natural
Resources Conservation Service 2022 |
| Gas Station | Potable Water Pump Station | Water Treatment Facility | Notes: City (C), Township (T), Village (V) |
| Government Office | | | |



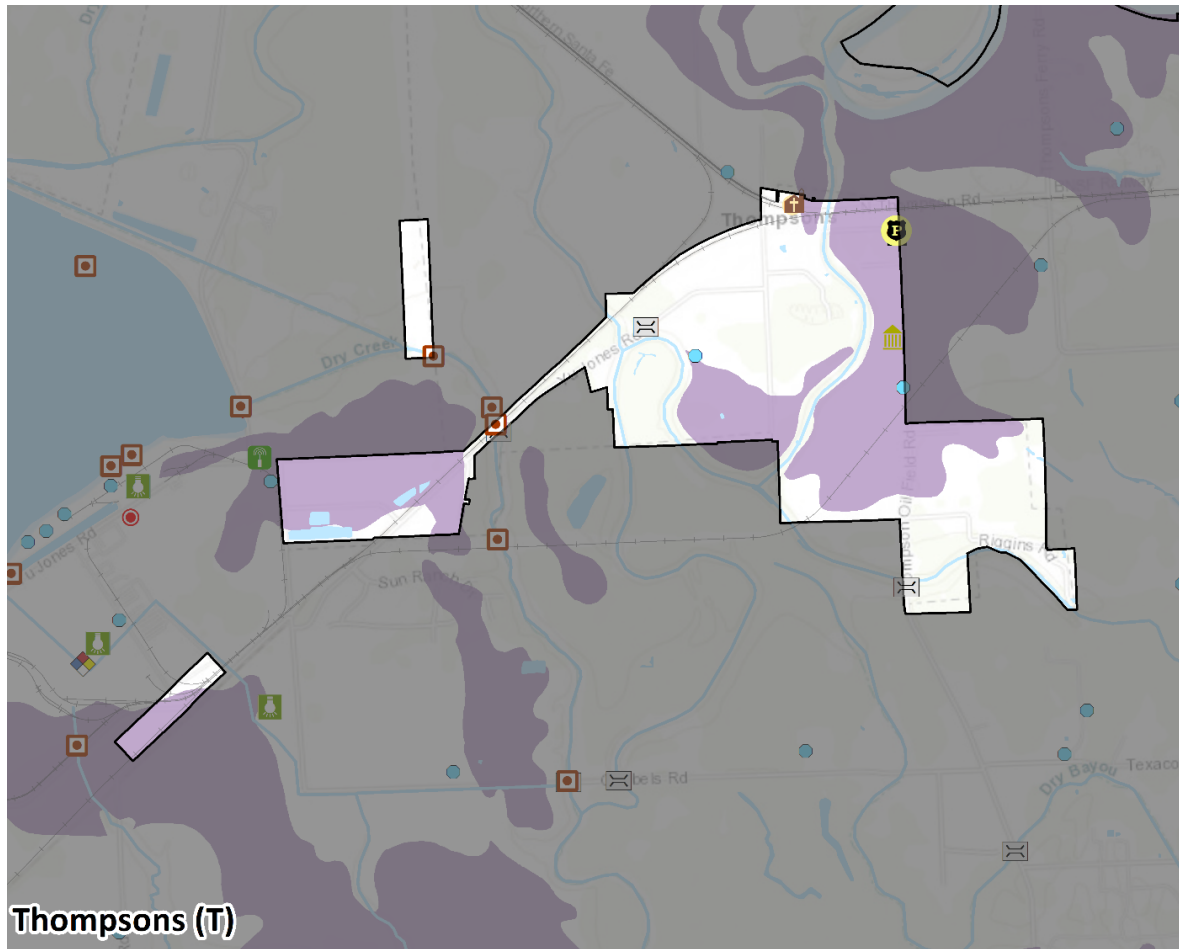
Figure 9.17-3. Town of Thompsons Hazard Area Extent and Location Map- Flood



- | | | | |
|-----------------------------------|----------------------------|--------------------------------|---|
| Airport | Hazardous Materials | Potable Water Tank | County Boundary |
| Alternative/Specialized Education | Hospital | Potable Water Tower | Interstate |
| Bridge | Library | Potable Water Well | U.S. Highway |
| Bus Station | Major Employer | Primary Education | State Highway |
| Cellular Transmission | Medical Clinic | Private Water Well | Toll Road |
| Church | Municipal Hall | Public Water Well | County Road |
| Community Center | Museum | Public Works | Railroad |
| Correctional Facility | Outfall | Radio Broadcast | Waterbody |
| Dam | Petroleum Storage Tank | Secondary Education | FEMA Flood Hazard Area |
| EMS Station | Pharmacy | Senior Care | 1% Annual Chance |
| EOC | Police Station | Stormwater Pump Station | 0.2% Annual Chance |
| Electric Power | Post-Secondary Education | TV Broadcast | <i>The flood hazard area depicted is the January 29, 2021 FEMA effective DFIRM with the latest LOMR date of August 10, 2022</i> |
| Fire Station | Potable Water Facility | WWT Wastewater Treatment Plant | |
| Gas Station | Potable Water Pump Station | Urgent Care | <small>Data Sources: U.S. Geological Survey, National Geospatial Program 2022, Texas Department of Transportation 2022</small> |
| Government Office | | Wastewater Lift Station | <small>Notes: City (C), Township (T), Village (V)</small> |
| | | Water Treatment Facility | |



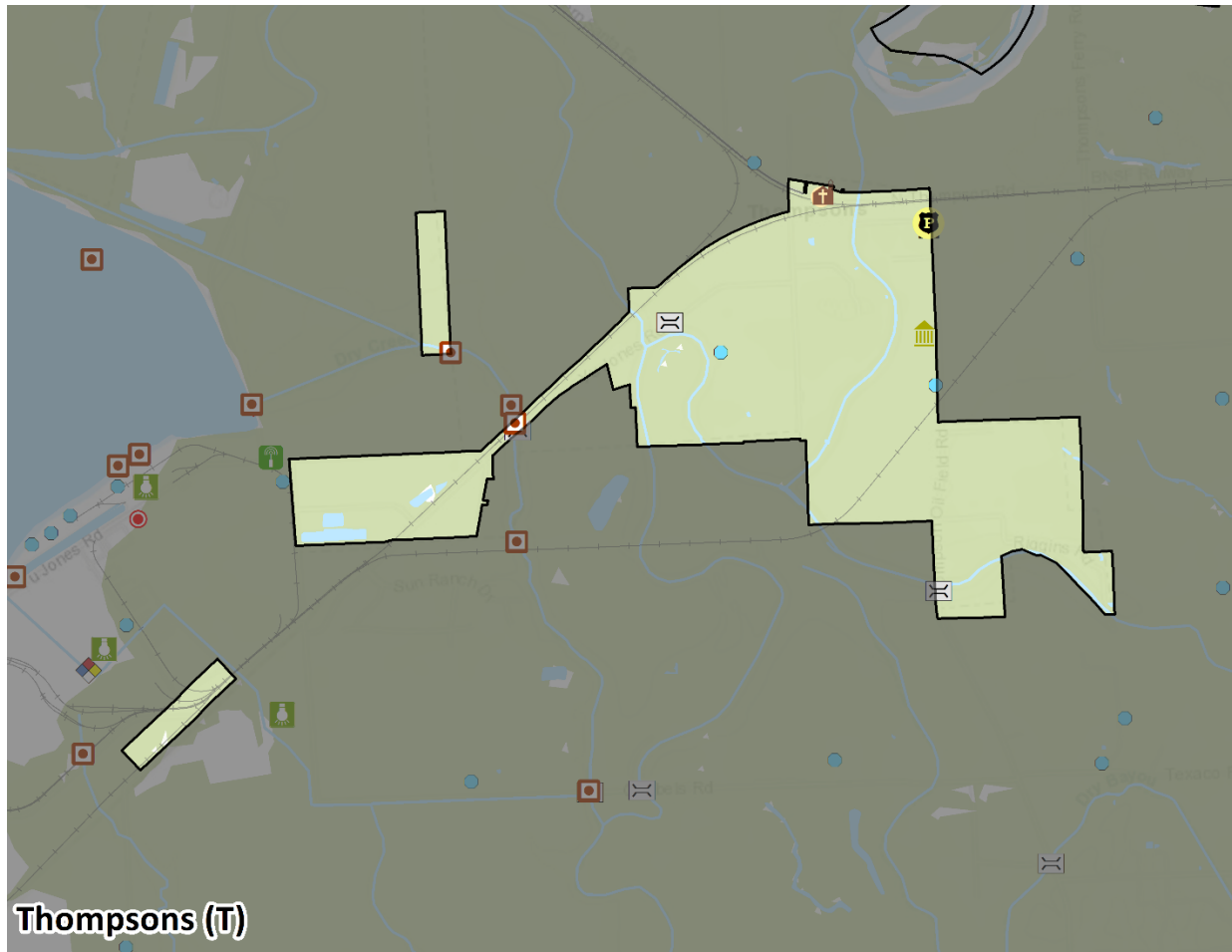
Figure 9.17-4. Town of Thompsons Hazard Area Extent and Location Map- Inland Erosion



Airport	Hazardous Materials	Potable Water Tower	County Boundary
Alternative/Specialized Education	Hospital	Potable Water Well	Interstate
Bridge	Library	Primary Education	U.S. Highway
Bus Station	Major Employer	Private Water Well	State Highway
Cellular Transmission	Medical Clinic	Public Water Well	Toll Road
Church	Municipal Hall	Public Works	County Road
Community Center	Museum	Radio Broadcast	Railroad
Correctional Facility	Outfall	Secondary Education	Waterbody
Dam	Petroleum Storage Tank	Senior Care	Inland Erosion Hazard Area
EMS Station	Pharmacy	Stormwater Pump Station	K-Factor: >=0.49
EOC	Police Station	TV Broadcast	
Electric Power	Post-Secondary Education	Urgent Care	0 0.3 0.6 Miles
Fire Station	Potable Water Facility	Wastewater Lift Station	<small>Data Sources: U.S. Geological Survey, National Geospatial Program 2022; Texas Department of Transportation 2022; U.S. Department of Agriculture, Natural Resources Conservation Service 2022</small>
Gas Station	Potable Water Pump Station	WWTWastewater Treatment Plant	<small>Notes: City (C), Township (T), Village (V)</small>
Government Office	Potable Water Tank	Water Treatment Facility	



Figure 9.17-5. Town of Thompsons Hazard Area Extent and Location Map- Wildfire



Thompsons (T)

- | | | | |
|-----------------------------------|----------------------------|---------------------------------|-----------------------------|
| Airport | Hazardous Materials | Potable Water Tower | County Boundary |
| Alternative/Specialized Education | Hospital | Potable Water Well | Interstate |
| Bridge | Library | Primary Education | U.S. Highway |
| Bus Station | Major Employer | Private Water Well | State Highway |
| Cellular Transmission | Medical Clinic | Public Water Well | Toll Road |
| Church | Municipal Hall | Public Works | County Road |
| Community Center | Museum | Radio Broadcast | Railroad |
| Correctional Facility | Outfall | Secondary Education | Waterbody |
| Dam | Petroleum Storage Tank | Senior Care | Wildfire Hazard Area |
| EMS Station | Pharmacy | Stormwater Pump Station | Low Threat |
| EOC | Police Station | TV Broadcast | Moderate Threat |
| Electric Power | Post-Secondary Education | Urgent Care | North Arrow |
| Fire Station | Potable Water Facility | Wastewater Lift Station | Fort Bend County |
| Gas Station | Potable Water Pump Station | Water Treatment Facility | Texas |
| Government Office | Potable Water Tank | WWTW Wastewater Treatment Plant | Seal of the State of Texas |

0 0.25 0.5 Miles

Data Sources: U.S. Geological Survey, National Geospatial Program 2022; Texas Department of Transportation 2022; Texas A&M Forest Service 2022

Notes: City (C), Township (T), Village (V)





Hazard Event History

Fort Bend County has a history of natural and non-natural hazard events, as detailed in Volume I, Section 4 (Risk Assessment). A summary of historical events is provided in each of the hazard profiles and includes a chronology of events that have affected the County and its municipalities.

The Town of Thompsons’s history of federally declared (as presented by FEMA) and significant hazard events [as presented in NOAA-National Centers for Environmental Information (NCEI)] is consistent with that of the County. The table below provides details regarding municipal-specific loss and damages the Town of Thompsons experienced during hazard events since the last HMP update. Information provided in the table below is based on reference material or local sources.

Table 9.17-13. Hazard Event History

Dates of Event	Event Type (Disaster Declaration if applicable)	County Designated?	Summary of Event	Municipal Summary of Damages and Losses
January 20, 2020 – continuing	EM-3458 – Covid-19	Yes	Covid-19	The Town did not incur any documented damages or losses.
January 20, 2020 – continuing	DR-4485 – Covid-19 Pandemic	Yes	Covid-19 pandemic declared	The Town did not incur any documented damages or losses.
July 25-31, 2020	EM-3530 – Hurricane Hanna	Yes	Hurricane force winds resulted in significant number of downed trees and utility lines.	The Town did not incur any documented damages or losses.
August 23-27, 2020	EM-3540 – Tropical Storms Marco and Laura	Yes	Hurricane Marco and Laura	The Town did not incur any documented damages or losses.
February 11-21, 2020	EM-3554 – Severe Winter Storm	Yes	Severe Winter Storm	The Town did not incur any documented damages or losses.
February 11-21, 2020	DR-4586 – Severe Winter Storms	Yes	Winter Storm Uri distributed a record amount of snow throughout Texas. Snow, ice, and ultra-low temperatures caused widespread road closures.	The Town did not incur any documented damages or losses.

Source: FEMA 2023; NOAA 2023

Hazard Ranking and Vulnerabilities

The hazard profiles in Volume 1, Section 4 (Risk Assessment) have detailed information regarding each plan participant’s vulnerability to the identified hazards. The following summarizes the Town of Thompsons’s risk assessment results and data used to determine the hazard ranking.

Hazard Ranking

This section provides the community specific identification of the primary hazard concerns based on identified problems, impacts, and the results of the risk assessment as presented in Volume 1, Section 4 (Risk Assessment). The ranking process involves an assessment of the likelihood of occurrence for each hazard; the potential impacts of the hazard on people, property, and the economy; and community capabilities to address the hazard and changing future climate conditions. Mitigation action development uses the inputs from the evaluation to target those hazards with highest level of concern.





As discussed in Volume 1, Section 4.4 (Hazard Ranking), each participating jurisdiction has differing degrees of risk exposure and vulnerability compared with the County as a whole. Therefore, each municipality ranked the degree of risk to each hazard as it pertains to their community. The table below summarizes the hazard risk/vulnerability rankings of potential natural hazards for the Town of Thompsons. The Town of Thompsons reviewed the County hazard risk/vulnerability risk ranking table and individual results to reflect the relative risk of the hazards of concern to the community.

Table 9.17-14. Hazard Ranking Input

Hazard	Hazard Ranking
Dam/Levee Failure	Medium
Disease Outbreak	Low
Drought	Low
Extreme Temperature	Low
Flood	High
Geologic	High
Hurricane/Tropical Storm	Medium
Severe Weather	High
Tornado	Medium
Wildfire	Low
Winter Weather	Low

Critical Facilities and Community Lifelines

The table below identifies the number of critical facilities and community lifelines in the community located in hazard areas. The community reviewed the list of facilities and lifelines to determine appropriate mitigation measures for the facilities, where appropriate. Refer to Section 4.3 (Hazard Profiles) for details on the risk assessment and the facilities and lifelines exposed to each hazard of concern.



Table 9.17-15. Number of Critical Facilities and Community Lifelines in Hazard Areas

Jurisdiction	1-Percent Annual Chance Flood Event Hazard Area		Moderate Wildfire Hazard Area		Inland Erosion (K-Factor: ≥ 0.49) Hazard Area		Expansive Soils (Linear Extensibility $>6\%$) Hazard Area		Barker Reservoir Dam Inundation Area		Lake Sommerville Dam Inundation Area		Kitty Hollow Dam Inundation Area	
	Critical Facilities	Lifelines	Critical Facilities	Lifelines	Critical Facilities	Lifelines	Critical Facilities	Lifelines	Critical Facilities	Lifelines	Critical Facilities	Lifelines	Critical Facilities	Lifelines
Thompsons (T)	10	9	0	0	4	4	6	5	0	0	3	2	0	0

Source: Source: Fort Bend County 2022; U.S. Department of Agriculture, Natural Resources Conservation Service 2022; U.S. Army Corp of Engineers 2023



Identified Issues

After review of the Town of Thompsons’s hazard event history, hazard rankings, jurisdiction specific vulnerabilities, hazard area extent and location, and current capabilities, the Town of Thompsons identified the following vulnerabilities within their community:

- The Town of Thompson does not have a Debris Management Plan.
- The Town of Thompson communication/internet services has frequent outages.
- The Town of Thompson critical facilities such as the Town Hall and Police station are susceptible to flooding and loss of power during storm events.
- The Town residents do not participate in flood insurance programs, despite the Town being a participant in the NFIP.
- The Town does not have an up-to-date evacuation plan.
- The Town weather radio system is out of date and does not reach all areas of the Town.
- The Town does not have a Substantial Damage Management Plan in place, nor do they have a formal process in place when conducting substantial damage determinations. The Town is in need of a formal process and plan to provide a framework for conducting such inspections and determinations.

**This issue was identified as a specific area of concern based on resident response to the Fort Bend County Hazard Mitigation public survey.*

9.17.7 Mitigation Strategy and Prioritization

This section discusses past mitigations actions and status, describes proposed hazard mitigation initiatives, and prioritizes actions to address over the next five years.

Past Mitigation Initiative Status

The following table indicates progress on the community’s mitigation strategy identified in the 2018 HMP. Actions that are in progress are carried forward and combined with new actions as part of this plan update and are included in the tables with prioritization. Previous actions that are now ongoing programs and capabilities are indicated as such and previously presented in the Capability Assessment earlier in this annex.



Table 9.17-16. Status of Previous Mitigation Actions

Project	Responsible Party	What is the status? (e.g., In Progress, No Progress, Ongoing Capability, or Completed) If in progress or completed, please describe the funding source, cost, and who is implementing.	If you did not complete the action, should the action be included in the 2023 HMP (i.e., there is still a need, this is still a priority)?		
			Yes/No	If Yes, please describe the original problem (i.e., hazard, location, historic losses)	If Yes, identify the responsible department/person to implement the project.
Weather Radio Programming	Town of Thompsons City Council	No Progress	Yes		



Additional Mitigation Efforts

In addition to the mitigation initiatives completed in the table above, the Town of Thompsons identified the following mitigation efforts completed since the last HMP:

- None Identified

Since the adoption of the County’s first HMP, the Town of Thompsons has made significant mitigation progress in the following areas:

- None Identified

Proposed Hazard Mitigation Initiatives for the HMP Update

Fort Bend County participated in a mitigation action workshop in March 2023 and was provided the following FEMA publications to use as a resource as part of their comprehensive review of all possible activities and mitigation measures to address their hazards: FEMA Mitigation Ideas – A Resource for Reducing Risk to Natural Hazards (January 2013) and FEMA Mitigation Assistance Resource Guide for Texas (2020).

The table below indicates the range of proposed mitigation action categories. Both the four FEMA mitigation action categories and the six CRS mitigation action categories are listed in the table to further demonstrate the wide-range of activities and mitigation measures selected.

Table 9.17-17. Analysis of Mitigation Actions by Hazard and Category

Hazard	FEMA				CRS					
	LPR	SIP	NSP	EAP	PR	PP	PI	NR	SP	ES
Dam/Levee Failure	X	X	-	-	X	X	-	-	-	X
Disease Outbreak	X	X	-	-	X	X	-	-	-	X
Drought	X	X	-	-	X	X	-	-	-	X
Extreme Temperature	X	X	-	-	X	X	-	-	-	X
Flood	X	X	-	X	X	X	X	-	-	X
Geologic Hazards	X	X	-	-	X	X	-	-	-	X
Hurricane/Tropical Storm	X	X	-	-	X	X	-	-	-	X
Severe Weather	X	X	-	-	X	X	-	-	-	X
Tornado	X	X	-	-	X	X	-	-	-	X
Wildfire	X	X	-	-	X	X	-	-	-	X
Winter Weather	X	X	-	-	X	X	-	-	-	X

Note: Mitigation categories are described below the Mitigation Initiatives.



The table below summarizes the specific mitigation initiatives the Town of Thompsons would like to pursue in the future to reduce the effects of hazards. The initiatives are dependent upon available funding (grants and local match availability) and may be modified or omitted at any time based on the occurrence of new hazard events and changes in municipal priorities.

Table 9.17-18. Proposed Hazard Mitigation Initiatives

Project Number	Mitigation Initiative Name	Description of Problem and Solution	Hazard(s) to be Mitigated	Goals Met	Estimated Timeline	Lead and Support Agencies	Potential Funding Sources	Estimated Benefits	Estimated Costs	Priority	Mitigation Category	CRS Category
2023-Town of Thompson-001	Debris Management Plan	Problem: The Town of Thompson does not have a Debris Management Plan. Solution: The Town will work with Fort Bend County to develop a Debris Management Plan.	Dam/Levee Failure, Disease Outbreak Drought, Extreme Temperature, Flood, Geologic Hazards, Hurricane/Tropical Storm, Severe Weather, Tornado, Wildfire, Winter Weather	1,2,3,4	1 year	Town of Thompson, Fort Bend County	Town budget	Increase disaster response capabilities		High	LPR	ES
2023-Town of Thompson-002	Protect Power Lines and Infrastructure	Problem: The Town of Thompson communication/internet services has frequent outages. Solution: The Town will work with the County to establish standards for all utilities regarding tree pruning around lines, inspecting utility poles to ensure they meet specifications and are wind resistant.	Dam/Levee Failure, Disease Outbreak Drought, Extreme Temperature, Flood, Geologic Hazards, Hurricane/Tropical Storm, Severe Weather, Tornado, Wildfire, Winter Weather	1,2,3,4	5 years	Town of Thompson, Fort Bend County	Town Budget	Increase communication and continuity of operations	High	High	LPR, SIP	PP
2023-Town of Thompson-003	Reinforce Critical Facilities	Problem: The Town of Thompson critical facilities such as the Town Hall and Police station are susceptible to flooding and loss of power during storm events. Solution: The Town will work with Fort Bend County to reinforce critical facility infrastructure with lightning safe materials and flood protection measure to maintain continuity of operations during storm events.	Dam/Levee Failure, Extreme Temperature, Flood, Hurricane/Tropical Storm, Severe Weather	1,2,3	Within 2 years	Town of Thompson City Council, Fort Bend County	HMGP, BRIC, FMA, Local Budget	Increase continuity of operations	High	High	SIP	PP, ES



Project Number	Mitigation Initiative Name	Description of Problem and Solution	Hazard(s) to be Mitigated	Goals Met	Estimated Timeline	Lead and Support Agencies	Potential Funding Sources	Estimated Benefits	Estimated Costs	Priority	Mitigation Category	CRS Category
2023-Town of Thompson-004	Promote Flood Insurance	Problem: The Town residents do not participate in flood insurance programs. Solution: The Town will work with residents and businesses owners to promote flood insurance and educate property owners of the benefits of having flood insurance.	Flood	1,2,3	1 to 2 years	Town of Thompson City Council	Local Budget	Reduce risk of property loss and loss of life in a flood events	Low	High	EAP	PI
2023-Town of Thompson-005	Evacuation Plan	Problem: The Town does not have an up-to-date evacuation plan. Solution: The Town Council will work with Fort Bend County to develop an evacuation plan.	Dam/Levee Failure, Disease Outbreak Drought, Extreme Temperature, Flood, Geologic Hazards, Hurricane/Tropical Storm, Severe Weather, Tornado, Wildfire, Winter Weather	1,2,3	1 to 2 years	Town of Thompson City Council, Fort Bend County	Local Budget, HMGP	Reduce risk of property loss and potential loss of life in hazard events	Medium	High	LPR	PR, ES
2023-Town of Thompson-006	Weather Radio Programming	Problem: The Town weather radio system is out of date and does not reach all areas of the Town. Solution: The Town Council will work with Fort Bend County to obtain new radio systems that will have enough broadband to reach the entire Town prior to hazard event.	Dam/Levee Failure, Drought, Extreme Temperature, Flood, Geologic Hazards, Hurricane/Tropical Storm, Severe Weather, Tornado, Wildfire, Winter Weather	1,2,4	Within 5 years	Town of Thompson City Council, Fort Bend County	Local Budget, HMGP	Reduce risk of property loss and potential loss of life in hazard events	High	High	LPR	ES
2023-Town of Thompson-007	Substantial Damage Management Plan	Problem: The Town does not have a Substantial Damage Management Plan in place, nor do they have a formal process in place when conducting substantial damage determinations. The Town is in need of a formal process and plan to provide a framework for conducting such inspections and determinations. Solution: The Town will develop a Substantial Damage Management Plan, following the six-step planning process in 2021 Developing a Substantial Damage Management Plan (https://crsresources.org/files/500/developing)	Dam/Levee Failure, Drought, Extreme Temperature, Flood, Geologic Hazards, Hurricane/Tropical Storm, Severe Weather, Tornado, Wildfire, Winter Weather	2, 4	Within 5 years to develop the plan; ongoing to maintain and update the plan	Floodplain Administrator, Public Works, OEM, Construction Department	City Budget	This plan will provide a process in making Substantial Damage Determinations and allow the municipality to make these determinations and meet NFIP requirements more quickly.	< \$5,000	High	LPR	ES, PR



Project Number	Mitigation Initiative Name	Description of Problem and Solution	Hazard(s) to be Mitigated	Goals Met	Estimated Timeline	Lead and Support Agencies	Potential Funding Sources	Estimated Benefits	Estimated Costs	Priority	Mitigation Category	CRS Category
		_subst_damage_mgmt_plan.pdf). This plan will outline responsibilities for Substantial Damage determinations, determining market value, and permit approval processes following a disaster event.										

*Mitigation initiative is related to a critical facility and/or community lifeline

Notes: Not all acronyms and abbreviations defined below are included in the table.

Acronyms and Abbreviations:

CRS Community Rating System
 FEMA Federal Emergency Management Agency
 HMA Hazard Mitigation Assistance
 N/A Not applicable
 NFIP National Flood Insurance Program

Potential FEMA HMA Funding Sources:

FMA Flood Mitigation Assistance Grant Program
 HMGP Hazard Mitigation Grant Program
 BRIC Building Resilient Infrastructure and Communities Program

Timeline:

The time required for completion of the project upon implementation.

Cost:

The estimated cost for implementation.

Benefits:

A description of the estimated benefits, either quantitative and/or qualitative.

Mitigation Category:

- Local Plans and Regulations (LPR)—These actions include government authorities, policies, or codes that influence the way land and buildings are being developed and built.
- Structure and Infrastructure Project (SIP)—These actions involve modifying existing structures and infrastructure to protect them from a hazard or remove them from a hazard area. This could apply to public or private structures, as well as critical facilities and infrastructure. This type of action also involves projects to construct manmade structures to reduce the impact of hazards.
- Natural Systems Protection (NSP)—These are actions that minimize damage and losses, and also preserve or restore the functions of natural systems.
- Education and Awareness Programs (EAP)—These are actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. These actions may also include participation in national programs, such as StormReady and Firewise Communities.

CRS Category:

- Preventative Measures (PR)—Government, administrative or regulatory actions, or processes that influence the way land and buildings are developed and built. Examples include planning and zoning, floodplain local laws, capital improvement programs, open space preservation, and storm water management regulations.
- Property Protection (PP)—These actions include public activities to reduce hazard losses or actions that involve (1) modification of existing buildings or structures to protect them from a hazard or (2) removal of the structures from the hazard area. Examples include acquisition, elevation, relocation, structural retrofits, storm shutters, and shatter-resistant glass.
- Public Information (PI)—Actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. Such actions include outreach projects, real estate disclosure, hazard information centers, and educational programs for school-age children and adults.
- Natural Resource Protection (NR)—Actions that minimize hazard loss and also preserve or restore the functions of natural systems. These actions include sediment and erosion control, stream corridor restoration, watershed management, forest and vegetation management, and wetland restoration and preservation.
- Structural Flood Control Projects (SP)—Actions that involve the construction of structures to reduce the impact of a hazard. Such structures include dams, setback levees, floodwalls, retaining walls, and safe rooms.
- Emergency Services (ES)—Actions that protect people and property during and immediately following a disaster or hazard event. Services include warning systems, emergency response services, and the protection of essential facilities.





The prioritization criteria provided in Volume 1, Section 6 (Mitigation Strategy) identify 14 evaluation/prioritization criteria to complete the prioritization of mitigation initiatives. For each new mitigation action, a numeric rank is assigned (-1, 0, or 1) for each of the 14 evaluation criteria to assist with prioritizing actions as High, Medium, or Low. The table below provides a summary of the prioritization of all proposed mitigation initiatives for the HMP update.

Table 9.17-19. Summary of Prioritization of Actions

Project Number	Project Name	Life Safety	Property Protection	Cost-Effectiveness	Technical	Political	Legal	Fiscal	Environmental	Social	Administrative	Multi-Hazard	Timeline	Agency Champion	Other Community Objectives	Total	High / Medium / Low
2023-Town of Thompson-001	Debris Management Plan	1	1	1	1	1	1	1	1	1	1	1	1	1	0	14	High
2023-Town of Thompson-002	Protect Power Lines and Infrastructure	1	1	1	1	1	1	0	1	1	1	1	0	1	1	12	High
2023- Town of Thompson-003	Reinforce Critical Facilities	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	High
2023- Town of Thompson-004	Promote Flood Insurance	1	1	1	1	1	1	1	1	1	1	0	1	1	1	13	High
2023- Town of Thompson-005	Evacuation Plan	1	0	1	1	1	1	1	1	1	1	1	1	1	1	13	High
2023- Town of Thompson-006	Weather Radio Programming	1	1	1	1	1	1	1	0	1	1	1	0	1	1	12	High
2023- Town of Thompson-007	Substantial Damage Management Plan	0	1	1	1	1	1	1	0	1	1	1	1	0	0	10	High

Note: Volume 1, Section 6 (Mitigation Strategy) conveys guidance on prioritizing mitigation actions. Low (0-4), Medium (5-8), High (9-14).