



# Hazard Mitigation Annual Update

***April 2024***

*Guilford County Emergency Services  
Emergency Management Division  
1002 Meadowood St.  
Greensboro, NC 27409  
(336) 641-2278*



**GUILFORD COUNTY**  
**DEPARTMENT OF EMERGENCY SERVICES**  
EMERGENCY MANAGEMENT DIVISION



To: Hazard Mitigation Planning Team

From: Guilford County Emergency Management

Date: April 10, 2024

Re: Hazard Mitigation Annual Update

Thank you to all the members of Hazard Mitigation Planning Team who provided updates on progress made on mitigation strategies in 2023. The Guilford County Multi-Jurisdictional Hazard Mitigation Plan (HMP) was approved by FEMA in January of 2021. FEMA requires that hazard mitigation plans be updated every 5 years, and that the Hazard Mitigation Planning Team meet annually to evaluate progress and revise activities if needed. To meet the update requirement, Guilford County Emergency Management annually requests updates on the status of each hazard mitigation project and strategy included in the plan and includes these updates in a memo that is distributed to the Hazard Mitigation Planning Team and any other interested stakeholders.

The Guilford County mitigation action plan consists of the projects and strategies identified by members of the hazard mitigation planning team from each jurisdiction. There are a total of 171 projects and strategies listed for Guilford County. They are broken down as shown below. Not included in this are two mitigation actions that were deleted during the last plan update and review. Through your efforts, several mitigation projects and strategies have been completed and more than three quarters are in progress or on going.

	Completed	On Going	In Progress	Future
Number	3	156	2	10
Percent of Total	2%	91%	1%	6%

In the 2024 calendar year we will continue to support county and municipal mitigation efforts. We look forward to continuing these mitigation efforts and cannot thank you enough for your continued actions and support of mitigation in Guilford County. We also look forward to beginning the update process for the HMP and will keep the Hazard Mitigation Planning Team apprised of developments and timelines as we receive them from the state.

Thank you again for your efforts,

Guilford County Emergency Management

Jurisdiction	Strategy Number	Strategy Description	Priority	2022 Status	Implementation Status 2022	2023 Status	Implementation Status 2023
Greensboro	ES-1	Inventory and evaluate the City's emergency response activities. Identify the resources needed to accomplish specific response activities. Reviews shall include the needs of personnel, equipment, and required resources for emergency deployment	Medium	On Going	GFD updates the Major Incident Policy annually. This update includes current emerging incident trends. We constantly look for opportunities to build relationships with all Response partners.	On Going	City of Greensboro updates major emergency plans. The focus in 2023 was severe weather plan. This included all aspects of the City's response across all departments.
Greensboro	ES-2	Offer additional training to law enforcement officers regarding civil disturbance and provide necessary equipment to officers.	High	On Going	Special Events Team operates under the Special Operations Division (Lt. Denny). Training is required on a Quarterly Bases and evaluated annually for the Team. Initial Civil Disturbance training is provided during the recruit academy.	On Going	GPD continues to train and exercise in response to Civil Disturbances
Greensboro	P-1	Maintain Geographic Information System (GIS) to maintain current cadastral (building/parcel) data for purposes of conducting more detailed hazard risk assessments and for tracking permitting and land use patterns.	High	On Going	Annual evaluation of opportunities for data validation and collection. No significant updates.	On Going	Annual evaluation of opportunities for data validation and collection. No significant updates.
Greensboro	P-2	Regularly calculate and document the amount of flood prone property that is preserved as open space for additional credit points under the Community Rating System (CRS).	High	On Going	Reviewed annually for CRS program. No significant updates.	On Going	Reviewed annually for CRS program. No significant updates.
Greensboro	P-3	Identify the city's most at-risk vital/critical facilities, and evaluate the potential mitigation techniques for protecting each facility to the maximum extent possible.	Medium	On Going	Continuation of report evaluation and implementation of recommendations.	On Going	Continuation of report evaluation and implementation of recommendations.
Greensboro	P-4	Monitor grant opportunities for funding to establish a local reserve fund for repairing and/or incorporating hazard mitigation measures for public facilities and infrastructure damaged by natural hazards.	Medium	On Going	HMGP grants received for Repetitive Loss properties.	On Going	City staff are researching additional grant opportunities as the HMGP grants are closed out and finalized.
Greensboro	P-5	Revise the Flood Damage Prevention Ordinance on as needed basis.	High	On Going	Staff continues to evaluate necessary ordinance updates in compliance with NCDEQ and FEMA regulation for flood damage prevention.	On Going	Staff continues to evaluate and adapt necessary ordinance updates in compliance with NCDEQ and FEMA relations for flood damage prevention.
Greensboro	P-6	Invest in cyber security equipment and training to mitigate future cyber incidents. This includes deploying Malware prevention technology to detect zero-day and advanced persistent threats and gain visibility into advanced threat activity. Additionally, IT Security offers and conducts security awareness and training to all of the departments (onsite and online), sends monthly security bulletins (advisories) and sometimes alerts via email as needed, as well as a quarterly Cyber Security newsletter to the organization. The City now has Cyber Liability Insurance for the organization in the case of a breach that provides an end-to-end risk management solution to stay ahead of the curve of cyber risk and offers additional services that provide loss prevention tools to educate (training portal IT Security can use) and potentially prevent a breach.	High	On Going	City IT continue to use software solutions to actively protect city systems. Education and continual training is a priority. ☒ Detected and blocked over 10,000 attacks against external facing systems and applications intended to exploit vulnerabilities and gain access to systems and information ☒ Detected and blocked over 15,000 phishing attacks that contained malicious attachments intended to compromise employees systems and gain access to the City's network ☒ Crowd Strike solution to detect and block new forms of cyber-attacks. This solution provides many advanced capabilities including behavioral analysis, artificial intelligence and machine learning to detect and block advanced threats and cyber-attacks including the latest Ransomware variants that have been impacting local governments across the country ☒ Detected and blocked hundreds of attempts by internal systems to communicate to hacker's Malware distribution and command and control servers. This prevented City systems from becoming compromised and used for malicious activities	On Going	The City of Greensboro continues to mature the cyber security and compliance program by implementing processes and technologies to quickly identify and block advanced intrusions and cyber-attacks and ensure compliance to laws, regulations and standards. Detected and blocked a significant number of attacks on the IT system and implemented a system to detect and block new forms of cyber-attacks and increased security measures. Achieved ISO/IEC 27001 recertification and continued to monitor and test the IT systems for threats.
Greensboro	PEA-1	Advertise and promote the availability of flood insurance to property owners that are located in flood hazard areas. Continue to review FEMA-identified repetitive loss properties for potential mitigation through the federal Flood Mitigation Assistance (FMA) program or other flood protection measures.	High	On Going	Mailings to all properties within the SFHA, brochures available at municipal facilities and libraries.	On Going	Annual mailings to all properties within the SFHA, realtors, lenders, and insurance agencies and flood brochures available at municipal facilities and libraries.

Greensboro	PEA-2	As new Repetitive Loss Properties are identified within the City of Greensboro, contact all owners and inform them of the assistance available through the federal flood assistance programs, in addition to other flood protection measures.	High	On Going	Mailings to all properties within the SFHA, brochures available at municipal facilities and libraries.	On Going	Annual mailings to all repetitive loss properties and brochures available at municipal facilities and libraries.
Greensboro	PEA-3	Continue to collect education materials as budgeting will allow for pamphlets to educate the public on family preparedness as well as mitigation measures that are available to property owners. These pamphlets shall remain on display for the public at the following locations; the City Library and designated City Facilities.	High	On Going	Mailings to all properties within the SFHA, brochures available at municipal facilities and libraries.	On Going	Mailings to all properties within the SFHA, brochures available at municipal facilities and libraries.
Greensboro	PEA-4	Continue to provide technical assistance for property owners located in flood hazard areas.	High	On Going	The City of Greensboro Water Resources Department has provided technical assistance for property owners located in flood hazard areas and will continue to do so going forward.	On Going	Technical assistance is provided for property owners located in flood hazard areas and is advertized via the waterbill and to local relators and insurance agents through annual mailings.
Greensboro	PEA-5	Develop outreach program to local school administrators to help them identify sheltering areas for all schools.	Medium	On Going	Greensboro is working closely with GCEM and GC School system and continue improving plans	On Going	Greensboro is working closely with GCEM and GC School system and continue improving plans
Greensboro	PP-1	Continue to acquire and preserve parcels of land subject to repetitive flooding from willing and voluntary property owners. The city will also consider other residential mitigation projects such as elevation and mitigation reconstruction.	High	On Going	HMGP funding received for two sites that have been evaluated as RL properties. One property has been acquired and demolished and the second is in process. Continually evaluate properties for purchase within the SFHA.	On Going	HMGP funding for two property acquisitions in final stages, properties are being preserved as open space and new grant opportunities for RL structures are being researched.
Greensboro	PP-2	Augment enforcement of the State Building Code and related City of Greensboro ordinances by encouraging wind-resistant design techniques for new residential construction during the city's permit process.	High	Completed	Building inspections initiative	Completed	Building Inspections Initiative
Greensboro	PP-3	When available, work with the county and state to invest in generator projects and power redundancy to ensure power availability during hazard events, particularly for critical facilities.	Medium	Future	Each Department has a COOP plan. Greensboro has identified the need to coordinate and verify that individual COOP plans do not utilize or duplicate resources. Power supply has been affected with first Brown outs in the City. This has increased the need to review plans.	On Going	City of Greensboro is working with facilities and city departments to identify areas of improving continuity of operations during emergencies. Power supply to facilities for both critical functions and emergency operations
High Point	ES-1	Inventory and evaluate the City's emergency response activities. Identify the resources needed to accomplish specific response activities. Reviews shall include the needs of personnel, equipment, and required resources for emergency deployment.	Medium	On Going	On going process of updating plans and procedures.	On Going	On going process of updating plans and procedures.
High Point	ES-2	Continue to receive intelligence on law enforcement/security matters and monitor developments/best practices for management of same.	High	On Going	The city is continuing to communicate with agencies at all levels of government concerning intelligence matters. The city will continue efforts in maintaining lines of coordination and ensure we are up to date on best practices.	On Going	The city is continuing to communicate with agencies at all levels of government concerning intelligence matters. The city will continue efforts in maintaining lines of coordination and ensure we are up to date on best practices.
High Point	P-1	Continue to identify areas in the city subject to repetitive flooding and institute mitigation measures as funds allow.	High	On Going	On going process.	On Going	On going process.
High Point	P-2	Maintain Geographic Information System (GIS) to maintain current cadastral (building/parcel) data for purposes of conducting more detailed hazard risk assessments and for tracking permitting and land use patterns.	High	On Going	The city continues to work with the county to maintain appropriate layers and has assisted as the county has installed cloud-based, data access paths. These pathways are currently being expanded; this action will remain in place.	On Going	The city continues to work with the county to maintain appropriate layers and has assisted as the county has installed cloud-based, data access paths. These pathways are currently being expanded; this action will remain in place.

High Point	P-3	Identify the city's most at-risk vital/critical facilities, and evaluate the potential mitigation techniques for protecting each facility to the maximum extent possible.	Medium	On Going	The county works with the city to frequently update its list of vital/critical facilities, including through the update of this plan. Through these processes, the county and city attempt to identify potential mitigation actions to reduce risk to these facilities. The county and city will continue to carry out the update process going forward.	On Going	The county works with the city to frequently update its list of vital/critical facilities, including through the update of this plan. Through these processes, the county and city attempt to identify potential mitigation actions to reduce risk to these facilities. The county and city will continue to carry out the update process going forward.
High Point	P-4	Monitor grant opportunities for funding to establish a local reserve fund for repairing and/or incorporating hazard mitigation measures for public facilities and infrastructure damaged by natural disasters.	Medium	On Going	The county works across departments and with the city to evaluate funding streams for various projects and will continue to work on establishing mechanisms to carry out this action.	On Going	The county works across departments and with the city to evaluate funding streams for various projects and will continue to work on establishing mechanisms to carry out this action.
High Point	PEA-1	Advertise and promote the availability of flood insurance to property owners that are located in flood hazard areas. Continue to review FEMA-identified repetitive loss properties for potential mitigation through the federal Flood Mitigation Assistance (FMA) program or other flood protection measures.	High	On Going	The city has made efforts through regular contact with homeowners to encourage the purchase flood insurance and will continue to promote flood insurance for properties in floodplain. Additionally, the City's public outreach project consists of flood informational inserts with water bills. Topics covered include a Flood Risk Map, Flood Safety, Property Protection Measures. We also run three educational programs on our local television channel. The City's public library maintains flood protection materials provided by FEMA.	On Going	The city has made efforts through regular contact with homeowners to encourage the purchase flood insurance and will continue to promote flood insurance for properties in floodplain. Additionally, the City's public outreach project consists of flood informational inserts with water bills. Topics covered include a Flood Risk Map, Flood Safety, Property Protection Measures. We also run three educational programs on our local television channel. The City's public library maintains flood protection materials provided by FEMA.
High Point	PEA-2	Continue to collect education materials as budgeting will allow for pamphlets to educate the public on family preparedness as well as mitigation measures that are available to property owners. These pamphlets shall be posted on the High Point Emergency Management Website and will remain on display for the public at the following locations: the City Library, Public Services, and the Fire Department/City's Office of Emergency management as budget and conditions allow.	High	On Going	We are exploring options to best build-out this program. This is in addition to previous and continuing ongoing efforts and programs from past years, many of which will be continued going forward.	On Going	We are exploring options to best build-out this program. This is in addition to previous and continuing ongoing efforts and programs from past years, many of which will be continued going forward.
High Point	PEA-3	Update the educational pamphlet on the ICC (Increased Cost of Compliance) and how it associates with the policy holders within the City of High Point. This informational pamphlet should be distributed to the city property owners that receive substantial damage during a flood type event.	High	On Going	The city has made great efforts to educate the public on flood-related issues through various pamphlets and documents, including the ICC pamphlet. Most of these educational documents will need to be updated regularly, so this action will remain in the plan.	On Going	The city has made great efforts to educate the public on flood-related issues through various pamphlets and documents, including the ICC pamphlet. Most of these educational documents will need to be updated regularly, so this action will remain in the plan.
High Point	PEA-4	As new Repetitive Loss Properties are identified within the County and municipalities, contact all owners and inform them of the assistance available through the federal flood assistance programs, in addition to other flood protection measures.	High	On Going	Guilford County has relatively few repetitive loss properties and has carried this out for all these properties where required. The county will continue to work with the city to carry out this action going forward for repetitive loss properties.	On Going	Guilford County has relatively few repetitive loss properties and has carried this out for all these properties where required. The county will continue to work with the city to carry out this action going forward for repetitive loss properties.
High Point	PEA-5	Develop outreach program to local school administrators to help them identify sheltering areas for all schools.	Medium	On Going	Guilford County and the city will work with stakeholders in the school system to keep them informed of best practices in the industry and to coordinate and educate on critical matters related to disaster preparedness. Further coordination will take place going forward.	On Going	Guilford County and the city will work with stakeholders in the school system to keep them informed of best practices in the industry and to coordinate and educate on critical matters related to disaster preparedness. Further coordination will take place going forward.

High Point	PP-1	Continue to update city of High Point facilities and infrastructure that may be deemed "High Risk" facilities for various threats. As budgetary resources allow, redefine the criteria and evaluate the aid of establishment of protective measures that may be required to mitigate and respond to incidents within the high risk facilities.	Medium	On Going	The city has worked to identify facilities that may be at high risk to various threats and will continue to evaluate and mitigate, where possible, facilities and infrastructure that are in high-risk areas.	On Going	The city has worked to identify facilities that may be at high risk to various threats and will continue to evaluate and mitigate, where possible, facilities and infrastructure that are in high-risk areas.
High Point	PP-2	Each city department should have an established system to identify potential hazards within their supervised departments. This system should provide for mitigation strategies of known hazards in the department's planning and budget processes as needed. The list of hazard mitigation needs should be periodically revised and updated.	Medium	On Going	The city has acted at the departmental level to identify potential hazards, but this action will require consistent supervision.	On Going	The city has acted at the departmental level to identify potential hazards, but this action will require consistent supervision.
High Point	PP-3	Continue to acquire and preserve parcel land subject to repetitive flooding from willing and voluntary property owners. The county will also consider other residential mitigation projects such as elevation and mitigation reconstruction.	High	On Going	The county will continue to work with the city to update the Repetitive Loss Properties and include them on the mailings regarding federal flood assistance and flood protection measures. The county has also applied for HMGP grants to acquire parcels and is looking forward to implementing those projects in the future. The county will work with the city to coordinate on potential future projects.	On Going	The county will continue to work with the city to update the Repetitive Loss Properties and include them on the mailings regarding federal flood assistance and flood protection measures. The county has also applied for HMGP grants to acquire parcels and is looking forward to implementing those projects in the future. The county will work with the city to coordinate on potential future projects.
High Point	PP-4	Pursue grant funding as possible to allow for the purchase and installation of generators at critical facilities lacking same.	High	On Going	In process of HMGP for emergency shelter generators.	On Going	In process of HMGP for emergency shelter generators.
High Point	SP-1	Continue utility pole inspection program.	Medium	On Going	The program is in place and the city continues to identify areas for improvement.	On Going	The program is in place and the city continues to identify areas for improvement.
Guilford Count	ES-1	Develop a Flood Response Plan to address the specific response to flooding events within the county.	High	Future	Little progress has been made on this action. The county will continue to research opportunities to implement this action.	Future	Little progress has been made on this action. The county will continue to research opportunities to implement this action.
Guilford Count	ES-2	Offer additional training to law enforcement officers regarding civil disturbance and provide necessary equipment to officers.	High	On Going	The Sheriff's Office Civil Disorder Unit is in operational status and continues to train monthly.	On Going	The Sheriff's Office Civil Disorder Unit is in operational status and continues to train monthly.
Guilford Count	P-1	Maintain Geographic Information System (GIS) to maintain current cadastral (building/parcel) data for purposes of conducting more detailed hazard risk assessments and for tracking permitting and land use patterns.	High	On Going	The county continues to maintain appropriate layers and has installed cloud-based data access paths and other off-site storage. These pathways are continually being expanded, so this action will remain in place.	On Going	The county continues to maintain appropriate layers and has installed cloud-based data access paths and other off-site storage. These pathways are continually being expanded, so this action will remain in place.
Guilford Count	P-2	Regularly calculate and document the amount of flood prone property that is preserved as open space for additional credit points under the Community Rating System (CRS).	High	On Going	The Guilford County Planning & Development Department in coordination with the GIS Dept continues to calculate and document the amount of flood prone property that is preserved as open space for additional CRS points.	On Going	The Guilford County Planning & Development Department in coordination with the GIS Dept continues to calculate and document the amount of flood prone property that is preserved as open space for additional CRS points.
Guilford Count	P-3	Identify the county's most at-risk vital-critical facilities, and evaluate the potential mitigation techniques for protecting each facility to the maximum extent possible.	Medium	On Going	The county frequently attempts to update its list of vital/critical facilities, including through the update of this plan. Through these processes, the county attempts to identify potential mitigation actions to reduce risk to these facilities. The county will continue to carry out the update process going forward.	On Going	The county frequently attempts to update its list of vital/critical facilities, including through the update of this plan. Through these processes, the county attempts to identify potential mitigation actions to reduce risk to these facilities. The county will continue to carry out the update process going forward.
Guilford Count	P-4	Monitor grant opportunities for funding to establish a local reserve fund for repairing and/or incorporating hazard mitigation measures for public facilities and infrastructure damaged by natural hazards	Medium	On Going	The county works across departments to evaluate funding streams for various projects and will continue to work on establishing mechanisms to carry out this action. The county works across departments to evaluate funding streams for various projects and will continue to work on establishing mechanisms to carry out this action.	On Going	The county works across departments to evaluate funding streams for various projects and will continue to work on establishing mechanisms to carry out this action. The county works across departments to evaluate funding streams for various projects and will continue to work on establishing mechanisms to carry out this action.

Guilford Count P-5	Augment enforcement of the State Building Code and related County ordinances by encouraging wind-resistant design techniques for new residential construction during the county's permit process.	High	Completed	No change (2018 NC Building Code Effective January 1, 2019 remains current and in effect). Wind load design criteria for Guilford County remains 115 mph.	Completed	No change (2018 NC Building Code Effective January 1, 2019 remains current and in effect). Wind load design criteria for Guilford County remains 115 mph.
Guilford Count P-6	Invest in cyber security equipment and training to mitigate future cyber incidents.	High	On Going	The County is in the process of updating our acceptable use policy (AUP) to help our County minimize risks and operate securely. Additionally, we are implementing a multifactor authentication solution (MFA) which will make stealing our information harder for the average criminal.	On Going	The Acceptable Use Policy has been created, reviewed by legal, HR, Internal Audit and Management. It will be presented to the Board of Commissioners for approval in the next few weeks. Multifactor Authentication has been implemented across the county covering over 90% of all employees. 100% of county employees will be protected with MFA by June 2024.
Guilford Count PEA-1	Promote the availability of flood insurance to County and City property owners.	High	On Going	The County makes efforts to promote the availability of flood insurance to property owners, especially those located in the floodplain or other flood prone areas. The County provides insurance info in annual letters to property owners in areas of Repetitive Loss, and to property owners, real estate agents and consultants when inquiries are requested on properties in or near floodplains.	On Going	The County makes efforts to promote the availability of flood insurance to property owners, especially those located in the floodplain or other flood prone areas. The County provides insurance info in annual letters to property owners in areas of Repetitive Loss, and to property owners, real estate agents and consultants when inquiries are requested on properties in or near floodplains.
Guilford Count PEA-2	As new Repetitive Loss Properties are identified within the County and municipalities, contact all owners and inform them of the assistance available through the federal flood assistance programs, in addition to other flood protection measures.	High	On Going	Guilford County has relatively few Repetitive Loss (RL) properties and continues to send annual letters to the RL area properties with information regarding federal flood assistance programs and flood protection measures.	On Going	Guilford County continues to send annual letters to the Repetive Loss area properties with information regarding federal flood assistance programs and flood protection measures.
Guilford Count PEA-3	Maintain an all-hazards public education program to educate and prepare residents for all hazards identified in Guilford County.	High	On Going	Guilford County Emergency Management participated in a variety of public education activities in 2022, including preparedness presentations, awareness events, and social media campaigns.	On Going	Guilford County Emergency Management participated in a variety of public education activities in 2023, including preparedness presentations, awareness events, and social media campaigns.
Guilford Count PEA-4	Develop outreach program to local school administrators to help them identify sheltering areas for all schools.	Medium	On Going	Guilford County works with stakeholders in the school system to keep them informed of best practices in the industry and to coordinate and educate on critical matters related to disaster preparedness. Further coordination will take place going forward.	On Going	Guilford County works with stakeholders in the school system to keep them informed of best practices in the industry and to coordinate and educate on critical matters related to disaster preparedness. Further coordination will take place going forward.
Guilford Count PEA-6	Re-Certify as a StormReady Community through the National Weather Service.	Medium	On Going	A site visit was conducted by NWS Raleigh on 11/1/2022 in connection with the application for re-certification that was submitted. Storm Ready renewals were recently changed to once every four years, so Guilford County's Storm Ready certification will expire on February 28th, 2024. At this time, the county will aim again to recertify	On Going	Guilford County's StormReady Certification will expire in November 2024
Guilford Count PP-1	Continue to acquire and preserve parcel land subject to repetitive flooding from willing and voluntary proper owners. The county will also consider other residential mitigation projects such as elevation and mitigation reconstruction.	High	On Going	The County continues to update its Repetitive Loss (RL) properties list (list is private and not shared with 3rd parties per ISAA between FEMA and Guilford County) and includes the RL properties and nearby properties (the RL area) on mailings with information on federal flood assistance and flood protection measures. The County has applied for Hazard Mitigation Grant Program (HMGP) grants to acquire parcels, including 2 demolition & property acquisition projects under the Hurricane Florence HMGP. Closing on both properties is anticipated in the 1st quarter of 2023, and the State will issue the bid packages for demolition once asbestos inspections are completed on the properties.	On Going	The County continues to update its Repetitive Loss (RL) properties list (list is private and not shared with 3rd parties per ISAA between FEMA and Guilford County) and includes the RL properties and nearby properties (the RL area) on mailings with information on federal flood assistance and flood protection measures. The County assisted property owners with applications for (2) Hazard Mitigation Grant Program (HMGP) grants that were for property acquisition & demolition of (2) parcels under the Hurricane Florence HMGP. The properties are now under the ownership of Guilford County and demolition is expected to be completed in January/February 2024.

Guilford County	PP-2	Research and implement, if feasible, zoning regulations for critical facilities (schools and/or other vulnerable population facilities) located near hazardous materials and pipeline locations.	High	In Progress	The Planning & Development Department, Information Services, and Emergency Management have not yet collaborated on the specifically proposed regulations; therefore, the action will remain in the plan with the goal of implementing any feasible regulations in 2025.	In Progress	The Planning & Development Department, Information Services, and Emergency Management have not yet collaborated on the specifically proposed regulations; therefore, the action will remain in the plan with the goal of implementing any feasible regulations in 2025.
Guilford County	PP-3	Research and implement, if feasible, residential sprinkler code in Guilford County.	Medium	Future	The latest building code for residential sprinkler systems in the county has not been updated. It is currently a high priority item for a number of state associations. They plan to increase awareness of the need for code action to address this item with the legislature and code officials.	Future	No real changes with this. It is still a priority within several association in the state. The North Carolina Fire Marshal's office and NC Sprinkler Coalition are working on ways to address this item moving forward.
Guilford County	PP-4	Research and create a Historic Preservation Plan	Medium	In Progress	Historic Preservation goals and strategies will be a component of the Comprehensive Plan update to be completed in 2024. Additionally, there is a goal to update the County's Historic Resource Survey by 2025. Upon the completion of these two documents, the County's most vulnerable historic properties will be identified and strategies to protect them during, and in the aftermath of, future natural and man-made disasters can be integrated into the Hazard Mitigation Plan.	In Progress	Historic Preservation goals and strategies will be a component of the Comprehensive Plan update to be completed in 2024. Additionally, there is a goal to update the County's Historic Resource Survey, although this goal is tied to funding availability from the State Historic Preservation Office, so the date of completion is indeterminate at this time. Upon the completion of these two documents, the County's most vulnerable historic properties will be identified and strategies to protect them during, and in the aftermath of, future natural and man-made disasters can be integrated into the Hazard Mitigation Plan.
Guilford County	PP-5	Based on the March 6, 2014 Ice Storm Disaster Declaration, Guilford County applied under the Post Disaster Mitigation Grant program to relocate EMS Base 1.	Medium	In Progress	EMS occupation of the new Base 1 was delayed due to unforeseen circumstances. The current move in date is March 1, 2023.	Completed	EMS occupation of the new Base 1 is now complete.
Guilford County	PP-6	Research grant funding opportunities for alternate power sources for critical facilities.	Medium	Future	Little progress has been made on this action as grant opportunities have not been available. The county will continue to research opportunities to implement this action.	Future	Little progress has been made on this action as grant opportunities have not been available. The county will continue to research opportunities to implement this action.
Guilford County	SP-1	Research safe room grant opportunities to construct safe rooms in schools and vulnerable population locations.	Medium	Future	Little progress has been made on this action as grant opportunities have not been available. The county will continue to research opportunities to implement this action.	Future	Little progress has been made on this action as grant opportunities have not been available. The county will continue to research opportunities to implement this action.
Guilford County	SP-2	Research and implement, if feasible, a local building code that requires new and modified commercial buildings to install communication repeaters/amplifiers within the structure to augment public safety radio systems.	Medium	On Going	This was included in the 2018 building codes update and is currently being enforced for new buildings over 7500 sqft. It does not apply to existing buildings. The Fire Marshall's office is currently working with the school system to identify the schools with radio reception issues and install repeaters/amplifiers to address the issue. This is anticipated to begin in summer 2023.	On Going	This is actually a very hot topic across the state. We have 69 school location identified for systems. System have been installed but still working on the electrical and alarm monitoring for same. Hope to have these up and running this summer. On a bigger focus work with the Fire Code Revision Committe to update the standard due to some conflicks with Code and NFPA currently. Also working very closely with Metro staff to make sure minimum negative impact to the radio system by each installation.
Gibsonville	P-1	Continue to participate in the NFIP and improve floodplain management within the community. As part of this action the community will evaluate implementing: <ul style="list-style-type: none"> <li>Requirements to reduce new construction in SFHAs</li> <li>Programs to improve information provided to citizens whose homes are located in the floodplain</li> </ul>	High	On Going	No New Update	On Going	No New Update
Gibsonville	P-2	Work with the County and State to complete hazard mitigation plan updates. As part of this action, the community will: <ul style="list-style-type: none"> <li>Annually evaluate its list of critical facilities for additions or changes</li> <li>Identify new opportunities for actions that may be included in future plan updates</li> </ul>	High	On Going	Continued from 2021	On Going	Continued from 2022



Gibsonville	P-3	Continue to identify and document hazard occurrences and potential mitigation projects.	High	On Going	Continued from 2021	On Going	Continued from 2022
Gibsonville	P-4	Promote the availability of flood insurance to City property owners.	Medium	On Going	Continued from 2021	On Going	Continued from 2022
Gibsonville	P-5	Prevent encroachments, including fill, new construction, substantial improvements, and other developments within areas designated as floodways or non-encroachment areas.	Low	On Going	Continued from 2021	On Going	Chap. 160D Ordinance Update
Gibsonville	P-6	Maintain Geographic Information System (GIS) to maintain current cadastral (building/parcel) data for purposes of conducting more detailed hazard risk assessments and for tracking permitting and land use patterns.	High	On Going	Continued from 2021	On Going	Continued from 2022
Gibsonville	P-7	Identify the town's most at-risk vital/critical facilities, and evaluate the potential mitigation techniques for protecting each facility to the maximum extent possible.	Medium	On Going	Continued from 2021	On Going	Continued from 2022
Gibsonville	P-8	Monitor grant opportunities for funding to establish a local reserve fund for repairing and/or incorporating hazard mitigation measures for public facilities and infrastructure damaged by natural hazards.	Medium	On Going	Continued from 2021	On Going	Continued from 2022
Gibsonville	PEA-1	Stormwater Smart Information	Medium	On Going	Gibsonville remains a member of the Stormwater Smart Program.	On Going	Gibsonville remains a member of the Stormwater Smart Program.
Gibsonville	PEA-2	Maintain an all-hazards public education program to educate and prepare residents for all hazards identified in Guilford County.	High	On Going	No New Update.	On Going	No New Update
Gibsonville	PEA-3	Promote the availability of flood insurance to County and Town property owners.	High	On Going	Continued from 2021	On Going	Continued from 2022
Gibsonville	PEA-4	As new Repetitive Loss Properties are identified within the County and municipalities, contact all owners and inform them of the assistance available through the federal flood assistance programs, in addition to other flood protection measures.	High	On Going	Continued from 2021	On Going	Continued from 2022
Gibsonville	PEA-5	Develop outreach program to local school administrators to help them identify sheltering areas for all schools.	Medium	On Going	Continued from 2021	On Going	Continued from 2022
Gibsonville	PP-1	Continue to evaluate and update facilities and infrastructure that may be deemed "High Risk" facilities for various threats.	Medium	On Going	Continued from 2021	On Going	Continued from 2022
Gibsonville	PP-2	Continue to acquire and preserve parcel land subject to repetitive flooding from willing and voluntary property owners. The county will also consider other residential mitigation projects such as elevation and mitigation reconstruction.	High	On Going	No New Update	On Going	No New Update
Gibsonville	PP-3	When available, work with the county and state to invest in generator projects and power redundancy to ensure power availability during hazard events, particularly for critical facilities.	Medium	On Going	No New Update.	On Going	Back up power generator installed for Town Hall
Jamestown	P-1	Continue to participate in the NFIP and improve floodplain management within the community. As part of this action the community will evaluate implementing: <ul style="list-style-type: none"> <li>Requirements to reduce new construction in SFHAS</li> <li>Programs to improve information provided to citizens whose homes are located in the floodplain</li> </ul>	High	On Going	As of 2022, the town is a participant in the NFIP and will continue to work towards meeting all requirements of the NFIP going forward and will work to make improvements to its participation as described.	On Going	As of 2023, the town is a participant in the NFIP and will continue to work towards meeting all requirements of the NFIP going forward and will work to make improvements to its participation as described.

Jamestown	P-2	Work with the County and State to complete hazard mitigation plan updates. As part of this action, the community will: <ul style="list-style-type: none"> <li>Annually evaluate its list of critical facilities for additions or changes</li> <li>Identify new opportunities for actions that may be included in future plan updates</li> </ul>	High	On Going	The town has been an active participant in the 2022 update of the hazard mitigation plan and will take an active role in future updates. The town will also work to implement the identified improvements to the plan in the interim between update cycles.	On Going	The town has been an active participant in the 2023 update of the hazard mitigation plan and will take an active role in future updates. The town will also work to implement the identified improvements to the plan in the interim between update cycles.
Jamestown	P-3	Continue to identify and document hazard occurrences and potential mitigation projects.	High	On Going	As of 2022, the town has worked with the county on a system to identify and document hazards that occur. The town will aim to improve its identification of mitigation projects in the future.	On Going	As of 2023, the town has worked with the county on a system to identify and document hazards that occur. The town will aim to improve its identification of mitigation projects in the future.
Jamestown	P-4	Maintain Geographic Information System (GIS) to maintain current cadastral (building/parcel) data for purposes of conducting more detailed hazard risk assessments and for tracking permitting and land use patterns.	High	On Going	The town continues to work with the county to maintain appropriate layers and has assisted as the county has installed cloud-based, data access paths. These pathways are currently being expanded, so this action will remain in place. The town is currently updating its GIS data to be more up to date and user-friendly.	On Going	The town continues to work with the county to maintain appropriate layers and has assisted as the county has installed cloud-based, data access paths. These pathways are currently being expanded, so this action will remain in place. The town continues to update its GIS data to be more up to date and user-friendly.
Jamestown	P-5	Identify the town's most at-risk vital/critical facilities, and evaluate the potential mitigation techniques for protecting each facility to the maximum extent possible.	Medium	On Going	The county works with the town to frequently update its list of vital/critical facilities, including through the update of this plan. Through these processes, the county and town attempt to identify potential mitigation actions to reduce risk to these facilities. The county and town will continue to carry out the update process going forward.	On Going	The county works with the town to frequently update its list of vital/critical facilities, including through the update of this plan. Through these processes, the county and town attempt to identify potential mitigation actions to reduce risk to these facilities. The county and town will continue to carry out the update process going forward.
Jamestown	P-6	Monitor grant opportunities for funding to establish a local reserve fund for repairing and/or incorporating hazard mitigation measures for public facilities and infrastructure damaged by natural hazards.	Medium	On Going	The county works across departments and with the town to evaluate funding streams for various projects and will continue to work on establishing mechanisms to carry out this action. The Town of Jamestown has a Grant Administrator position that should be filled in spring of 2023.	On Going	The county works across departments and with the town to evaluate funding streams for various projects and will continue to work on establishing mechanisms to carry out this action. The Town of Jamestown hired a Grant Administrator in 2023 that is pursuing grants for various facilities and infrastructure projects.
Jamestown	PEA-1	Work with Guilford County to promote education and awareness through Town website and Facebook.	High	On Going	The town has worked to increase public awareness of hazards and potential mitigation measures. The town will continue to promote public education efforts in the future using multiple methods such as posting weather updates, emergency declarations, etc. on the town website and Facebook.	On Going	The town has worked to increase public awareness of hazards and potential mitigation measures. The town will continue to promote public education efforts in the future using multiple methods such as posting weather updates, emergency declarations, etc. on the town website and Facebook.
Jamestown	PEA-2	Maintain an all-hazards public education program to educate and prepare residents for all hazards identified in Guilford County.	High	On Going	The county has developed a program aimed at all hazards education and Guilford County Emergency Management has performed presentations multiple times for various community groups. The town will work with the county to disseminate this information and encourage public attendance at these presentations. This action is still relevant and will remain in place.	On Going	The county has developed a program aimed at all hazards education and Guilford County Emergency Management has performed presentations multiple times for various community groups. The town will work with the county to disseminate this information and encourage public attendance at these presentations. This action is still relevant and will remain in place.
Jamestown	PEA-3	Promote the availability of flood insurance to County and Town property owners.	High	On Going	The county and town coordinate to make efforts to promote the availability of flood insurance to property owners, especially those located in the floodplain or other flood prone areas. The county and town will continue these efforts going forward.	On Going	The county and town coordinate to make efforts to promote the availability of flood insurance to property owners, especially those located in the floodplain or other flood prone areas. The county and town will continue these efforts going forward.
Jamestown	PEA-4	As new Repetitive Loss Properties are identified within the County and municipalities, contact all owners and inform them of the assistance available through the federal flood assistance programs, in addition to other flood program measures.	High	On Going	Guilford County has relatively few repetitive loss properties and has carried this out for all of these properties where required. The county will continue to work with the town to carry out this action going forward for repetitive loss properties.	On Going	Guilford County has relatively few repetitive loss properties and has carried this out for all of these properties where required. The county will continue to work with the town to carry out this action going forward for repetitive loss properties.

Jamestown	PEA-5	Develop outreach program to local school administrators to help them identify sheltering areas for all schools.	Medium	On Going	Guilford County and the town will work with stakeholders in the school system to keep them informed of best practices in the industry and to coordinate and educate on critical matters related to disaster preparedness. Further coordination will take place going forward	On Going	Guilford County and the town will work with stakeholders in the school system to keep them informed of best practices in the industry and to coordinate and educate on critical matters related to disaster preparedness. Further coordination will take place going forward.
Jamestown	PP-1	Continue to identify potential mitigation projects (e.g. acquisition, elevation, reconstruction, etc.) and continue to require floodplain dedication.	Medium	On Going	The town has not implemented any major mitigation projects in recent years, but will continue to work with the county to identify potential mitigation projects that may help reduce flood risk.	On Going	The town has not implemented any major mitigation projects in recent years, but will continue to work with the county to identify potential mitigation projects that may help reduce flood risk.
Jamestown	PP-2	When available, work with the county and state to invest in generator projects and power redundancy to ensure power availability during hazard events, particularly for critical facilities.	Medium	Completed	The town completed the backup power installation at Town Hall, which should provide power to all critical parts of the building during a prolonged power outage. All mobile town generators and facilities were updated to have compatible generator connections. An existing generator was taken out of service and retrofitted, so the town has two back up mobile generators capable of providing power to town hall or any lift station.	On Going	The town completed the backup power installation at Town Hall, which should provide power to all critical parts of the building during a prolonged power outage. All mobile town generators and facilities were updated to have compatible generator connections. An existing generator was taken out of service and retrofitted, so the town has two back up mobile generators capable of providing power to Town Hall or any lift station.
Jamestown	SP-1	Support county as it researches safe room grant opportunities to construct safe rooms in schools and vulnerable population locations.	Medium	On Going	Little progress has been made on this action since the last plan update as grant opportunities have not been available. The town will continue to work with the county to research opportunities to implement this action.	On Going	Little progress has been made on this action since the last plan update as grant opportunities have not been available. The town will continue to work with the county to research opportunities to implement this action.
Oak Ridge	P-1	Continue to participate in the NFIP and improve floodplain management within the community. As part of this action the community will evaluate implementing: <ul style="list-style-type: none"> <li>Requirements to reduce new construction in SFHAs</li> <li>Programs to improve information provided to citizens whose homes are located in the floodplain</li> </ul>	High	On Going	None	On Going	None
Oak Ridge	P-2	Work with the County and State to complete hazard mitigation plan updates. As part of this action, the community will: <ul style="list-style-type: none"> <li>Annually evaluate its list of critical facilities for additions or changes</li> <li>Identify new opportunities for actions that may be included in future plan updates</li> </ul>	High	On Going	None.	On Going	None
Oak Ridge	P-3	Continue to identify and document hazard occurrences and potential mitigation projects.	High	On Going	None.	On Going	None
Oak Ridge	P-4	Maintain Geographic Information System (GIS) to maintain current cadastral (building/parcel) data for purposes of conducting more detailed hazard risk assessments and for tracking permitting and land use patterns.	High	On Going	None.	On Going	None
Oak Ridge	P-5	Identify the town's most at-risk vital/critical facilities, and evaluate the potential mitigation techniques for protecting each facility to the maximum extent possible.	Medium	On Going	None.	On Going	None
Oak Ridge	P-6	Monitor grant opportunities for funding to establish a local reserve fund for repairing and/or incorporating hazard mitigation measures for public facilities and infrastructure damaged by natural hazards.	Medium	On Going	None.	On Going	None

Oak Ridge	PEA-1	Work with Guilford County to promote education and awareness through Town website and Facebook.	High	On Going	Town staff has completed its work on a new website which will be used to help increase public awareness and possible mitigation measures. We will also continue to post weather updates and other emergency information on our website, on Facebook and on Nextdoor.com.	On Going	None
Oak Ridge	PEA-2	Maintain an all-hazards public education program to educate and prepare residents for all hazards identified in Guilford County.	High	On Going	The town helps to prepare hazards by posting them on its website and on social media.	On Going	None
Oak Ridge	PEA-3	Promote the availability of flood insurance to County and Town property owners.	High	On Going	None.	On Going	None
Oak Ridge	PEA-4	As new Repetitive Loss Properties are identified within the County and municipalities, contact all owners and inform them of the assistance available through the federal flood assistance programs, in addition to other flood protection measures.	High	On Going	No repetitive loss properties are known to exist in Oak Ridge.	On Going	None
Oak Ridge	PEA-5	Develop outreach program to local school administrators to help them identify sheltering areas for all schools.	Medium	On Going	The town has partnered with Oak Ridge Elementary School (the only public school in the town) to provide shelter locations at town hall and at the town park for students should they ever need to vacate the school campus.	On Going	None
Oak Ridge	PP-1	Continue to identify potential mitigation projects (e.g. acquisition, elevation, reconstruction, etc.) and continue to require floodplain dedication.	Medium	On Going	Oak Ridge has required developers to dedicate floodplain for several years and will continue to work with the county in the future.	On Going	None
Oak Ridge	PP-2	When available, work with the county and state to invest in generator projects and power redundancy to ensure power availability during hazard events, particularly for critical facilities.	Medium	Future	None.	On Going	None
Oak Ridge	SP-1	Support county as it researches safe room grant opportunities to construct safe rooms in schools and vulnerable population locations.	Medium	Future	None.	On Going	None
Pleasant Garde	P-1	Continue to participate in the NFIP and improve floodplain management within the community. As part of this action the community will evaluate implementing: <ul style="list-style-type: none"> <li>Requirements to reduce new construction in SFHAs</li> <li>Programs to improve information provided to citizens whose homes are located in the floodplain</li> </ul>	High	On Going	The Town is a participant in the NFIP and will continue to work towards meeting all requirements of the NFIP and will work to make improvements to its participation as described.	On Going	The Town is a participant in the NFIP and will continue to work towards meeting all requirements of the NFIP and will work to make improvements to its participation as described.
Pleasant Garde	P-2	Work with the County and State to complete hazard mitigation plan updates. As part of this action, the community will: <ul style="list-style-type: none"> <li>Annually evaluate its list of critical facilities for additions or changes</li> <li>Identify new opportunities for actions that may be included in future plan updates</li> </ul>	High	On Going	The Town will continue to take an active role in on going and future updates. The Town will work to implement the identified improvements to the plan in the interim between the update cycles.	On Going	The Town will continue to take an active role in on going and future updates. The Town will work to implement the identified improvements to the plan in the interim between the update cycles.
Pleasant Garde	P-3	Continue to identify and document hazard occurrences and potential mitigation projects.	High	On Going	The Town has worked with county to identify and document hazards that occur. The Town will aim to improve its identification of mitigation projects in the future.	On Going	The Town has worked with county to identify and document hazards that occur. The Town will aim to improve its identification of mitigation projects in the future.
Pleasant Garde	P-4	Maintain Geographic Information System (GIS) to maintain current cadastral (building/parcel) data for purposes of conducting more detailed hazard risk assessments and for tracking permitting and land use patterns.	High	On Going	The Town continues to work with the County to maintain appropriate layers and has assisted as the county installed cloud-based, data access paths. These pathways are continuously being expanded, so this action will remain in place.	On Going	The Town continues to work with the County to maintain appropriate layers and has assisted as the county installed cloud-based, data access paths. These pathways are continuously being expanded, so this action will remain in place.

Pleasant Gardē P-5	Identify the town's most at-risk vital/critical facilities, and evaluate the potential mitigation techniques for protecting each facility to the maximum extent possible.	Medium	On Going	The county works with the Town to frequently update its list of vital/critical facilities, including through the update of this plan. Through these processes, the county and Town attempt to identify potential mitigation actions to reduce risk to these facilities. The county and Town will continue to carry out the update process going forward.	On Going	The county works with the Town to frequently update its list of vital/critical facilities, including through the update of this plan. Through these processes, the county and Town attempt to identify potential mitigation actions to reduce risk to these facilities. The county and Town will continue to carry out the update process going forward.
Pleasant Gardē P-6	Monitor grant opportunities for funding to establish a local reserve fund for repairing and/or incorporating hazard mitigation measures for public facilities and infrastructure damaged by natural hazards.	Medium	On Going	The county works across departments and with the Town to evaluate funding streams for various projects and will continue to work on establishing mechanisms to carry out this action.	On Going	The county works across departments and with the Town to evaluate funding streams for various projects and will continue to work on establishing mechanisms to carry out this action.
Pleasant Gardē PEA-1	Provide information, prevention tips, safety ideas, etc. in the town newsletter and on the town website for hazards pertinent to town residents.	Medium	On Going	Throughout the years, the Town continues to share pertinent information within the Town's newsletter and website. This is a critical part of outreach, so this action will remain in place.	On Going	Throughout the years, the Town continues to share pertinent information within the Town's newsletter and website. This is a critical part of outreach, so this action will remain in place.
Pleasant Gardē PEA-2	Maintain an all-hazards public education program to educate and prepare residents for all hazards identified in Guilford County.	High	On Going	The County has developed a program aimed at all hazards education and Guilford County Emergency Management has performed multiple presentations for various community groups. The Town will work with the County to disseminate this information and encourage public attendance at these presentations. This action is still relevant and will remain in place.	On Going	The County has developed a program aimed at all hazards education and Guilford County Emergency Management has performed multiple presentations for various community groups. The Town will work with the County to disseminate this information and encourage public attendance at these presentations. This action is still relevant and will remain in place.
Pleasant Gardē PEA-3	Promote the availability of flood insurance to County and Town property owners.	High	On Going	The County and Town coordinate to make efforts to promote the availability of flood insurance to property owners, especially those located in the floodplain or other flood prone areas. The County and Town will continue these efforts going forward.	On Going	The County and Town coordinate to make efforts to promote the availability of flood insurance to property owners, especially those located in the floodplain or other flood prone areas. The County and Town will continue these efforts going forward.
Pleasant Gardē PEA-4	As new Repetitive Loss Properties are identified within the County and municipalities, contact all owners and inform them of the assistance available through the federal flood assistance programs, in addition to other flood protection measures.	High	On Going	Guilford County has relatively few repetitive loss properties and has carries this out for all of these properties where required. The County will continue to work with the Town to carry out this action going forward for repetitive loss properties.	On Going	Guilford County has relatively few repetitive loss properties and has carries this out for all of these properties where required. The County will continue to work with the Town to carry out this action going forward for repetitive loss properties.
Pleasant Gardē PEA-5	Develop outreach program to local school administrators to help them identify sheltering areas for all schools.	Medium	On Going	Guilford County and the town will work with stakeholders in the school system to keep them informed of best practices in the industry and to coordinate and educate on critical matters related to disaster preparedness. Further coordination will take place going forward.	On Going	Guilford County and the town will work with stakeholders in the school system to keep them informed of best practices in the industry and to coordinate and educate on critical matters related to disaster preparedness. Further coordination will take place going forward.
Pleasant Gardē PP-1	Continue to identify potential mitigation projects (e.g. acquisition, elevation, reconstruction, etc.) and continue to require floodplain dedication.	Medium	On Going	The Town has not implemented any major mitigation projects in recent years, but will continue to work with the county to identify potential mitigation projects that may help reduce flood risk.	On Going	The Town has not implemented any major mitigation projects in recent years, but will continue to work with the county to identify potential mitigation projects that may help reduce flood risk.
Pleasant Gardē PP-2	When available, work with the county and state to invest in generator projects and power redundancy to ensure power availability during hazard events, particularly for critical facilities.	Medium	Future	No opportunities determined at this point.	Future	No opportunities determined at this point.

		Continue to participate in the NFIP and improve floodplain management within the community. As part of this action the community will evaluate implementing: <ul style="list-style-type: none"> <li>• Requirements to reduce new construction in SFHAs</li> <li>• Programs to improve information provided to citizens whose homes are located in the floodplain</li> </ul>	High	On Going	No Action Taken	On Going	No Action Taken
Sedalia	P-1						
		Work with the County and State to complete hazard mitigation plan updates. As part of this action, the community will: <ul style="list-style-type: none"> <li>• Annually evaluate its list of critical facilities for additions or changes</li> <li>• Identify new opportunities for actions that may be included in future plan updates</li> </ul>	High	On Going	No Action Taken	On Going	No Action Taken
Sedalia	P-2						
		Continue to identify and document hazard occurrences and potential mitigation projects.	High	On Going	No Action Taken	On Going	No Action Taken
Sedalia	P-3						
		Maintain Geographic Information System (GIS) to maintain current cadastral (building/parcel) data for purposes of conducting more detailed hazard risk assessments and for tracking permitting and land use patterns.	High	On Going	The Town of Sedalia contracts code enforcement services to assist with potential hazard risks, code, zoning, and land use violations.	On Going	Will access GIS to help maintain hazard risk assessments
Sedalia	P-4						
		Identify the town's most at-risk vital/critical facilities, and evaluate the potential mitigation techniques for protecting each facility to the maximum extent possible.	Medium	On Going	No Action Taken	On Going	No Action Taken
Sedalia	P-5						
		Monitor grant opportunities for funding to establish a local reserve fund for repairing and/or incorporating hazard mitigation measures for public facilities and infrastructure damaged by natural hazards.	Medium	On Going	No Action Taken	On Going	No Action Taken
Sedalia	P-6						
		Provide information, prevention tips, safety ideas, etc. in the town newsletter and on the town website for hazards pertinent to town residents.	Medium	On Going	The Town continues to provide the most recent version of the Multi-jurisdictional Hazard Mitigation Plan Update on the website for all citizens review.	On Going	The Town continues to provide the recent version of the Multi-jurisdictional Hazard Mitigation Plan Update on the website for all citizens review.
Sedalia	PEA-1						
		Maintain an all-hazards public education program to educate and prepare residents for all hazards identified in Guilford County.	High	On Going	No Action Taken in this calendar year, but will be making attempts to participate in all-hazard public education programs	On Going	Will make attempts to participate in all-hazard public education programs
Sedalia	PEA-2						
		Promote the availability of flood insurance to County and Town property owners.	High	On Going	No Action Taken in this calendar year, but will be making attempts to provide flood insurance information to town residents, as new floodplain mapping is anticipated in the near future.	On Going	Currently making attempts to provide flood insurance information to town residents while in the review process of updating the flood ordinance
Sedalia	PEA-3						
		As new Repetitive Loss Properties are identified within the County and municipalities, contact all owners and inform them of the assistance available through the federal flood assistance programs, in addition to other flood protection measures.	High	On Going	The town intends to improve actions in identifying available assistance and notifying property owners within the Sedalia jurisdiction regarding flood programs	On Going	The town intends to improve actions in identifying available assistance and notifying property owners within the Sedalia jurisdiction regarding flood programs
Sedalia	PEA-4						
		Develop outreach program to local school administrators to help them identify sheltering areas for all schools.	Medium	On Going	The town will search for willing volunteers to assist in reaching out to school administration regarding existing plans and needed shelter locations.	On Going	The Town intends to develop an outreach program to local school administrators to help them identify sheltering areas for all schools.
Sedalia	PEA-5						
		Continue to identify potential mitigation projects (e.g. acquisition, elevation, reconstruction, etc.) and continue to require floodplain dedication.	Medium	On Going	The Town continues to keep watch in identify mitigation projects as reconstruction needs increase overtime due to erosion.	On Going	The Town continues to keep watch in identify mitigation projects as reconstruction needs increase overtime due to erosion.
Sedalia	PP-1						

Sedalia	PP-2	When available, work with the county and state to invest in generator projects and power redundancy to ensure power availability during hazard events, particularly for critical facilities.	Medium	On Going	The town will consider adding this project of investing in a generator for power during outage, to the going tasks of identifying proper sheltering as needed.	On Going	The town is considering cost estimates to provide a generator at the town hall to ensure power availability during outages
Sedalia	SP-1	Support county as it researches safe room grant opportunities to construct safe rooms in schools and vulnerable population locations.	Medium	On Going	The Town will consider adding this task of identifying safe room grants as well to the plan for starting a outreach volunteer committee designed to assist with plans in identify shelter and a generator for schools.	On Going	The Town will consider identifying safe room grants to the outreach volunteer committee, designed to assist with tasks of identify shelter and a generators for schools.
Stokesdale	P-1	Continue to participate in the NFIP and improve floodplain management within the community. As part of this action the community will evaluate implementing: <ul style="list-style-type: none"> <li>Requirements to reduce new construction in SFHAs</li> <li>Programs to improve information provided to citizens whose homes are located in the floodplain</li> </ul>	High	On Going	As of 2022, the town is a participant in the NFIP and will continue to work towards meeting all requirements of the NFIP going forward and will work to make improvements to its participation as described.	On Going	As of 2023, the town is a participant in the NFIP and will continue to work towards meeting all requirements of the NFIP going forward and will work to make improvements to its participation as described.
Stokesdale	P-2	Work with the County and State to complete hazard mitigation plan updates. As part of this action, the community will: <ul style="list-style-type: none"> <li>Annually evaluate its list of critical facilities for additions or changes</li> <li>Identify new opportunities for actions that may be included in future plan updates</li> </ul>	High	On Going	The town has been an active participant in the 2021 update of the hazard mitigation plan and will take an active role in future updates. The town will also work to implement the identified improvements to the plan in the interim between update cycles.	On Going	The town has been an active participant in the 2021 update of the hazard mitigation plan and will take an active role in future updates. The town will also work to implement the identified improvements to the plan in the interim between update cycles.
Stokesdale	P-3	Continue to identify and document hazard occurrences and potential mitigation projects.	High	On Going	As of 2022, the town has worked with the county on a system to identify and document hazards that occur. The town will aim to improve its identification of mitigation projects in the future.	On Going	As of 2023, the town has worked with the county on a system to identify and document hazards that occur. The town will aim to improve its identification of mitigation projects in the future.
Stokesdale	P-4	Maintain Geographic Information System (GIS) to maintain current cadastral (building/parcel) data for purposes of conducting more detailed hazard risk assessments and for tracking permitting and land use patterns.	High	On Going	The town continues to work with the county to maintain appropriate layers and has assisted as the county has installed cloud-based, data access paths. These pathways are currently being expanded, so this action will remain in place.	On Going	The town continues to work with the county to maintain appropriate layers and has assisted as the county has installed cloud-based, data access paths. These pathways are currently being expanded, so this action will remain in place.
Stokesdale	P-5	Identify the town's most at-risk vital/critical facilities, and evaluate the potential mitigation techniques for protecting each facility to the maximum extent possible.	Medium	On Going	The county works with the town to frequently update its list of vital/critical facilities, including through the update of this plan. Through these processes, the county and town attempt to identify potential mitigation actions to reduce risk to these facilities. The county and town will continue to carry out the update process going forward.	On Going	The county works with the town to frequently update its list of vital/critical facilities, including through the update of this plan. Through these processes, the county and town attempt to identify potential mitigation actions to reduce risk to these facilities. The county and town will continue to carry out the update process going forward.
Stokesdale	P-6	Monitor grant opportunities for funding to establish a local reserve fund for repairing and/or incorporating hazard mitigation measures for public facilities and infrastructure damaged by natural hazards.	Medium	On Going	The county works across departments and with the town to evaluate funding streams for various projects and will continue to work on establishing mechanisms to carry out this action.	On Going	The county works across departments and with the town to evaluate funding streams for various projects and will continue to work on establishing mechanisms to carry out this action.
Stokesdale	PEA-1	Provide information, prevention tips, safety ideas, etc. in the town newsletter and on the town website for hazards pertinent to town residents.	Medium	On Going	Throughout the last several years, the town continued to share pertinent information within the town website and Facebook page. This is a critical part of outreach, so this action will remain in place.	On Going	Throughout the last several years, the town continued to share pertinent information within the town website and Facebook page. This is a critical part of outreach, so this action will remain in place.
Stokesdale	PEA-2	Maintain an all-hazards public education program to educate and prepare residents for all hazards identified in Guilford County.	High	On Going	Throughout the last several years, the town continued to share pertinent information within the town website and Facebook page. This is a critical part of outreach, so this action will remain in place.	On Going	Throughout the last several years, the town continued to share pertinent information within the town website and Facebook page. This is a critical part of outreach, so this action will remain in place.

Stokesdale	PEA-3	Promote the availability of flood insurance to County and Town property owners.	High	On Going	The county and town coordinate efforts to promote the availability of flood insurance to property owners, especially those located in the floodplain or other flood prone areas. The county and town will continue these efforts going forward.	On Going	The county and town coordinate efforts to promote the availability of flood insurance to property owners, especially those located in the floodplain or other flood prone areas. The county and town will continue these efforts going forward.
Stokesdale	PEA-4	As new Repetitive Loss Properties are identified within the County and municipalities, contact all owners and inform them of the assistance available through the federal flood assistance programs, in addition to other flood protection measures.	High	On Going	Guilford County has relatively few repetitive loss properties and has carried this out for all of these properties where required. The county will continue to work with the town to carry out this action going forward for repetitive loss properties.	On Going	Guilford County has relatively few repetitive loss properties and has carried this out for all of these properties where required. The county will continue to work with the town to carry out this action going forward for repetitive loss properties.
Stokesdale	PEA-5	Develop outreach program to local school administrators to help them identify sheltering areas for all schools.	Medium	On Going	Guilford County and the town will work with stakeholders in the school system to keep them informed of best practices in the industry and to coordinate and educate on critical matters related to disaster preparedness. Further coordination will take place going forward.	On Going	Guilford County and the town will work with stakeholders in the school system to keep them informed of best practices in the industry and to coordinate and educate on critical matters related to disaster preparedness. Further coordination will take place going forward.
Stokesdale	PP-1	Continue to identify potential mitigation projects (e.g. acquisition, elevation, reconstruction, etc.) and continue to require floodplain dedication.	Medium	On Going	The town has not implemented any major mitigation projects in recent years, but will continue to work with the county to identify potential mitigation projects that may help reduce flood risk.	On Going	The town has not implemented any major mitigation projects in recent years, but will continue to work with the county to identify potential mitigation projects that may help reduce flood risk.
Stokesdale	PP-2	When available, work with the county and state to invest in generator projects and power redundancy to ensure power availability during hazard events, particularly for critical facilities.	Medium	Future	No Action Taken.	Future	No Action Taken.
Stokesdale	SP-1	Support county as it researches safe room grant opportunities to construct safe rooms in schools and vulnerable population locations.	Medium	Future	No Action Taken.	Future	No Action Taken.
Summerfield	ES-1	Explore joint ventures with commercial development to acquire water storage capacity for emergency services.	Medium	On Going	The town remains interesting in improving water capacity for emergency services and continues to explore options involving commercial development.	On Going	Update from 2022 still applies.
Summerfield	ES-2	Identify opportunities to develop new water supply and storage resources used in fire suppression by emergency services.	Medium	On Going	The town remains interesting in improving water capacity for fire protection and continues to explore options. The Town is in the beginning stages of investing in a water system fed by a water tower and on-site wells.	On Going	Update from 2022 still applies, staffing challenges still exist in the Planning Department.
Summerfield	NRP-1	Modify land regulation to reduce the amount of impervious surfaces and limit uses which may impact surface and groundwater quality	High	On Going	Update from 2021 still applies.	On Going	Update from 2022 still applies, staffing challenges still exist in the Planning Department.
Summerfield	P-1	Continue to participate in the NFIP and improve floodplain management within the community. As part of this action the community will evaluate implementing: <ul style="list-style-type: none"> <li>Requirements to reduce new construction in SFHAs</li> <li>Programs to improve information provided to citizens whose homes are located in the floodplain</li> </ul>	High	On Going	Update from 2021 still applies, staffing challenges still exist in the Planning Department.	On Going	Update from 2022 still applies.
Summerfield	P-2	Work with the County and State to complete hazard mitigation plan updates. As part of this action, the community will: <ul style="list-style-type: none"> <li>Annually evaluate its list of critical facilities for additions or changes</li> <li>Identify new opportunities for actions that may be included in future plan updates</li> </ul>	High	On Going	Update from 2021 still applies, staffing challenges still exist in the Planning Department.	On Going	The town adopted a revised Unified Development Ordinance that was effective July 2022.
Summerfield	P-3	Continue to identify and document hazard occurrences and potential mitigation projects.	High	On Going	Update from 2021 still applies.	On Going	The town adopted a revised Unified Development Ordinance that was effective July 2022.



Summerfield	P-4	Require the installation of underground utilities to minimize outages during winter storms, tornadoes, hurricanes and other wind related storms - residential.	Medium	On Going	The town adopted a revised Unified Development Ordinance that was effective July 2021.	On Going	Update from 2022 still applies.
Summerfield	P-5	Explore the installation of underground utilities to minimize outages during winter storms, tornadoes, hurricanes and other wind related storms - all other uses.	Medium	On Going	The town adopted a revised Unified Development Ordinance that was effective July 2021.	On Going	Update from 2022 still applies.
Summerfield	P-6	Maintain Geographic Information System (GIS) to maintain current cadastral (building/parcel) data for purposes of conducting more detailed hazard risk assessments and for tracking permitting and land use patterns.	High	On Going	Update from 2021 still applies.	On Going	Update from 2022 still applies.
Summerfield	P-7	Identify the town's most at-risk vital/critical facilities, and evaluate the potential mitigation techniques for protecting each facility to the maximum extent possible.	Medium	On Going	Update from 2021 still applies.	On Going	The town still views <a href="http://www.summerfieldnc.gov">www.summerfieldnc.gov</a> as an important source of community information and continues to make improvements to better inform citizens. Our Facebook page, <a href="https://www.facebook.com/TownofSummerfield/">https://www.facebook.com/TownofSummerfield/</a> , is also a good way to learn information quickly.
Summerfield	P-8	Monitor grant opportunities for funding to establish a local reserve fund for repairing and/or incorporating hazard mitigation measures for public facilities and infrastructure damaged by natural hazards.	Medium	On Going	Update from 2021 still applies.	On Going	Update from 2022 still applies.
Summerfield	PEA-1	Develop web pages to add to Community Website for information distribution regarding hazard education, risk awareness, and mitigation techniques.	High	On Going	The town still views <a href="http://www.summerfieldnc.gov">www.summerfieldnc.gov</a> as an important source of community information and continues to make improvements to better inform citizens. Our Facebook page, <a href="https://www.facebook.com/TownofSummerfield/">https://www.facebook.com/TownofSummerfield/</a> , is also a good way to learn information quickly.	On Going	Update from 2022 still applies.
Summerfield	PEA-2	Maintain an all-hazards public education program to educate and prepare residents for all hazards identified in Guilford County.	High	On Going	Update from 2021 still applies.	On Going	Update from 2022 still applies.
Summerfield	PEA-3	Promote the availability of flood insurance to County and Town property owners.	High	On Going	Update from 2021 still applies.	On Going	Update from 2022 still applies.
Summerfield	PEA-4	As new Repetitive Loss Properties are identified within the County and municipalities, contact all owners and inform them of the assistance available through the federal flood assistance programs, in addition to other flood protection measures.	High	On Going	Update from 2021 still applies.	On Going	Update from 2022 still applies.
Summerfield	PEA-5	Develop outreach program to local school administrators to help them identify sheltering areas for all schools.	Medium	On Going	Update from 2021 still applies.	On Going	The Town is actively working through a contract to obtain construction documents for a water system for fire protection.
Summerfield	PP-1	Continue to identify potential mitigation projects (e.g. acquisition, elevation, reconstruction, etc.) and continue to require floodplain dedication.	Medium	On Going	Update from 2021 still applies.	Future	Update from 2022 still applies.
Summerfield	PP-2	When available, work with the county and state to invest in generator projects and power redundancy to ensure power availability during hazard events, particularly for critical facilities.	Medium	On Going	The Town is in the beginning stages of investing in a water system fed by a water tower and on-site wells. The Town can work to ensure this infrastructure remains operational during hazard events.	On Going	The Town is actively working through a contract to obtain construction documents for a water system for fire protection.
Summerfield	SP-1	Support county as it researches safe room grant opportunities to construct safe rooms in schools and vulnerable population locations.	Medium	Future	Update from 2021 still applies.	Future	Update from 2022 still applies.

		Continue to participate in the NFIP and improve floodplain management within the community. As part of this action the community will evaluate implementing:						
Whitsett	P-1	<ul style="list-style-type: none"> <li>Requirements to reduce new construction in SFHAs</li> <li>Programs to improve information provided to citizens whose homes are located in the floodplain</li> </ul>	High	On Going	Update from 2021 still applies.		On Going	Update from 2021 still applies.
Whitsett	P-2	Work with the County and State to complete hazard mitigation plan updates. As part of this action, the community will:						
		<ul style="list-style-type: none"> <li>Annually evaluate its list of critical facilities for additions or changes</li> <li>Identify new opportunities for actions that may be included in future plan updates</li> </ul>	High	On Going	Update from 2021 still applies.		On Going	Update from 2021 still applies.
Whitsett	P-3	Continue to identify and document hazard occurrences and potential mitigation projects.	High	On Going	Update from 2021 still applies.		On Going	Update from 2021 still applies.
Whitsett	P-4	Maintain Geographic Information System (GIS) to maintain current cadastral (building/parcel) data for purposes of conducting more detailed hazard risk assessments and for tracking permitting and land use patterns.	High	On Going	Update from 2021 still applies.		On Going	Update from 2021 still applies.
Whitsett	P-5	Identify the town's most at-risk vital/critical facilities, and evaluate the potential mitigation techniques for protecting each facility to the maximum extent possible.	Medium	On Going	Update from 2021 still applies.		On Going	Update from 2021 still applies.
Whitsett	P-6	Monitor grant opportunities for funding to establish a local reserve fund for repairing and/or incorporating hazard mitigation measures for public facilities and infrastructure damaged by natural hazards.	Medium	On Going	Update from 2021 still applies.		On Going	Update from 2021 still applies.
Whitsett	PEA-1	Provide information, prevention tips, safety ideas, etc. in the town newsletter and on the town website for hazards pertinent to town residents.	Medium	On Going	Update from 2021 still applies.		On Going	Update from 2021 still applies.
Whitsett	PEA-2	Maintain an all-hazards public education program to educate and prepare residents for all hazards identified in Guilford County.	High	On Going	Update from 2021 still applies.		On Going	Update from 2021 still applies.
Whitsett	PEA-3	Promote the availability of flood insurance to County and Town property owners.	High	On Going	Update from 2021 still applies.		On Going	Update from 2021 still applies.
Whitsett	PEA-4	As new Repetitive Loss Properties are identified within the County and municipalities, contact all owners and inform them of the assistance available through the federal flood assistance programs, in addition to other flood protection measures.	High	On Going	Update from 2021 still applies.		On Going	Update from 2021 still applies.
Whitsett	PEA-5	Develop outreach program to local school administrators to help them identify sheltering areas for all schools.	Medium	On Going	Update from 2021 still applies.		On Going	Update from 2021 still applies.
Whitsett	PP-1	Continue to identify potential mitigation projects (e.g. acquisition, elevation, reconstruction, etc.) and continue to require floodplain dedication.	Medium	On Going	Update from 2021 still applies.		On Going	Update from 2021 still applies.
Whitsett	PP-2	When available, work with the county and state to invest in generator projects and power redundancy to ensure power availability during hazard events, particularly for critical facilities.	Medium	On Going	Update from 2021 still applies.		On Going	Update from 2021 still applies.

Whitsett	SP-1	Support county as it researches safe room grant opportunities to construct safe rooms in schools and vulnerable population locations.	Medium	Future	Update from 2021 still applies.	Future	Update from 2021 still applies.
----------	------	---	--------	--------	---------------------------------	--------	---------------------------------