

9.11: Borough of Folsom – Jurisdictional Annex

Summary of Hazards and Actions

Summary of Hazard Ranking and Actions, Borough of Folsom			
Hazard	Hazard Ranking	# of Related Actions	Action #s
Atmospheric Hazards			
Extreme Temperatures	M	4	2, 3, 4, 6
Extreme Wind	M	4	2, 3, 4, 6
Hail	L	4	2, 3, 4, 6
Hurricane & Tropical Storm	H	4	2, 3, 4, 6
Lightning	L	4	2, 3, 4, 6
Nor'easter	M	4	2, 3, 4, 6
Tornado	L	4	2, 3, 4, 6
Winter Storm	M	4	2, 3, 4, 6
Hydrologic Hazards			
Coastal Erosion	N/A		
Sea Level Rise	N/A		
Dam Failure	L	4	2, 3, 4, 6
Levee Failure	N/A		
Drought	L	4	2, 3, 4, 6
Flood	H	5	1, 2, 3, 4, 6
Tsunami	N/A		
Storm Surge	N/A		
Wave Action	N/A		
Geologic Hazards			
Earthquake	L	4	2, 3, 4, 6
Other Natural Hazards			
Wildfire	M	4	2, 3, 4, 6

Mitigation Strategy for Risk Reduction

Overview of Municipal Mitigation Strategy, Borough of Folsom				
Project Number	Project Description	Hazard(s) Addressed	Priority	Goals
1	Drainage improvements - cleaning debris and upgrading systems. South River Dr. and Park Ave area and Collings Lakes area for town. (address to be identified in the future)	Flood	H	3
2	Public awareness and education program. Put on local TV station, links on town website along with monthly announcements at town hall meetings. Share pertinent information on social media	All	H	1
3	Review and update our local codes and ordinances. The committee along with planning and zoning board of adjustments review and bring back to council for approval and or changes.	All	M	4
4	Review and enforce all plans and permits and codes. Protect existing development and future development	All	M	4
6	Hold periodic workshops regarding zoning and planning issues that arise regarding natural hazards. Educate public and planning and zoning board members. Workshops for municipalities regarding planning and zoning . Committee reviews and brings to council for approval.	All	L	2

More detailed information on these individual actions is presented at the end of this annex.

Contact Information

Borough of Folsom’s Statement of Authority to Participate identified a Primary Point of Contact and an Alternate for this hazard mitigation plan update. These individuals represented the jurisdiction on the county-wide Core Planning Group and led a local team of Jurisdictional Assessment Team Members who undertook various local activities related to the plan update.

HAZARD MITIGATION PLAN POINTS OF CONTACT						
Primary Point of Contact			Alternate Point of Contact			
Name: Patricia Gatto Title: Administrator/Clerk Department: Administration/Clerk Address: 1700 12th Street, Folsom E-mail Address: PGATTO@FOLSOMBOROUGH.COM			Name: Kyle Smith Title: EMC Community Name: FOLSOM BOROUGH County: ATLANTIC Email: KYLE.SMITH@FOLSOMBOROUGH.COM Phone:6093744184			
Jurisdictional Assessment Team Members						
Local Jurisdiction Role/Position	Name	Email	Phone	Date of Invitation	Method of Invitation	Agreed to participate?
Mayor/Supervisor	GREG SCHENKER	GSCHENKER@FOLSOMBOROUGH.COM	609-214-2773	07/26/21	EMAIL	Y
Administrator	PATTI GATTO	PGATTO@FOLSOMBOROUGH.COM	609-561-3178	07/26/21	EMAIL	Y
Clerk	PATTI GATTO	PGATTO@FOLSOMBOROUGH.COM	609-561-3178	07/26/21	EMAIL	Y
Engineer	JEN HELLER (POLISTINA)	JEN@POLISTINA.NET	609-442-7127	08/04/21	EMAIL	Y
Attorney	ANGELA MAIONE COSTIGAN	AMCOSTIGAN@COSTIGANLLC.COM	609-567-4500	08/12/21	TEXT	Y
Building Code Official	MARIE REESE	MARIE.REESE@DCA.NJ.GOV	609-567-3653	08/12/21	VIA S CARROLL	Y
Emergency Manager	KYLE SMITH	KYLE.SMITH@FOLSOMBOROUGH.COM	609-374-4184	06/17/21	EMAIL	Y
Fiscal/Budget Officer	DAWN STOLLENWERK	DSTOLLENWERK@FOLSOMBOROUGH.COM	609-561-3178	07/26/21	EMAIL	Y
Floodplain Manager	JEN HELLER (POLISTINA)	JEN@POLISTINA.NET	609-442-7127	08/04/21	EMAIL	Y
Planner	JEN HELLER (POLISTINA)	JEN@POLISTINA.NET	609-442-7127	08/04/21	EMAIL	Y
Public Works Director	JOHN LAPOLLO	JLAPOLLO@FOLSOMBOROUGH.COM	609-374-4418	08/04/21	EMAIL	Y
Other	GREG CONWAY	GCONWAY@FOLSOMBOROUGH.COM	609-892-9299	08/04/21	EMAIL	Y

Borough of Folsom has reported undertaking the following internal activities in preparation of its mitigation plan:

Subject of JAT Activity (Meeting Notice, Emails, Etc.)	Date	INVOLVED PARTIES - Place an 'x' for any position title that participated										
		Mayor/ Supervisor	Administrator	Clerk	Engineer	Attorney	Building Code Official	Emergency Manager	Fiscal/Budget Officer	Floodplain Manager	Planner	Public Works Director
REVIEWED MATERIAL AND PROVIDED UPDATES	08/11/21		Y	Y				Y				Y
EMAIL THREAD WITH ANY UPDATES	7/26-8/11	Y	Y	Y	Y			Y		Y	Y	Y

Governing Body Format

The governing body is comprised of the Mayor and the Borough Council, with all positions elected at-large on a partisan basis as part of the November general election. The Mayor is elected directly by the voters to a four-year term of office. The Borough Council is comprised of six members elected to serve three-year terms

Land Use and Development Trends

An evaluation of growth and development trends was undertaken by each participating jurisdiction as part of the development of the initial plan in 2010, and the last update in 2016. As part of this second plan update, Borough of Folsom reviewed and updated its prior feedback to reflect current conditions as of mid-2021. Borough of Folsom reported no major planned development in their jurisdiction.



Atlantic County Multi-Jurisdictional Hazard Mitigation Plan Update *Worksheet #3 - Growth and Development Trends Update*

Performing an assessment of Growth and Development Trends is one step of a FEMA-approved hazard mitigation plan update. This look into the future is important because development in hazard areas could put more assets at risk and, in turn, could work to increase potential disaster-related damages at a time when the mitigation plan's purpose is to reduce the potential for damages emanating from natural disasters. Growth/development trends are based on the construction of new buildings, demolition of old buildings, or the planning, zoning or subdivision of new areas for development. A stagnant or decreasing population alone is not reason for stating that no development has occurred, unless backed up by a lack of development.

An evaluation of growth/development trends was undertaken by each participating jurisdiction as part of the development of the 2016 plan. Your municipality's prior response from 2016 is included on the next page in Part 1. Please review your community's prior feedback and identify any changes that have occurred since that time so the most current information can be reflected in this 2021 plan update. In addition, please provide responses for Part 2.

Information for the 2016 plan was provided to us by: John LaPollo, Emergency Management Coordinator

Your Name: [KYLE SMITH]

Title: [EMC]

Community: [Atlantic County]

Email and Phone: [KYLE.SMITH@FOLSOMBOROUGH.COM 6093744184]

Part 1 – Please update your response from 2016 to reflect current conditions in the community.

Community	1. Land Uses and Development Trends in Hazard Areas as Reported in the 2016 Plan. Please describe development trends occurring within your jurisdiction, such as the predominant types of development occurring, location, expected intensity, and pace by land use. While details are preferred, it is ok if your feedback is qualitative and quite general, such as "high-occupancy, high-density residential development is occurring near the waterfront".	1a. Please update your response to reflect conditions in 2021	Regulations/Codes/Ordinances To Protect New Development From Natural Hazards as Reported in the 2016 Plan. Does your jurisdiction enforce regulations/ordinances/codes to protect new development from the effects of natural hazards? (Some examples might be floodplain management ordinances enforcing FEMA's NFIP for new development or substantial improvements in the floodplain; steep slope ordinances for community's which may have landslide hazards; earthquake resistant design criteria and/or high wind design criteria; or buffer zones in wildfire hazard areas.) If so, please describe.	2a. Please update your response to reflect conditions in 2021
Folsom, Borough of	<p>The Borough of Folsom does not experience enough development for there to be a "trend" in the development patterns. However, one of the main recommendations made by the Borough's Planning Board in its 2007 Master Plan, was to facilitate increased opportunities for commercial development along the Black Horse Pike (US Route 322) corridor. To this end, the Borough Council passed ordinances that increased the size of the Forest Commercial (FC) zoning district in the area. Although, no new development has yet taken place, the Borough believes that this re-zoning will result in several new commercial development projects over the next few years. Residential development throughout the Borough continues to take place in a piecemeal fashion. In the last seven years, there have been several minor subdivisions approved by the Borough's Planning Board, but only one (1) major subdivision. The major subdivision that was approved was relatively small, containing only seven (7) building lots. Additionally, the seven proposed lots were all located on existing roads, so no new road development was required.</p> <p>The Borough is wholly contained with the jurisdiction of the Pinelands Commission. Therefore, the overall intensity of development in the Borough is light. Without public water and sewer, all commercial development is subject to meeting the stringent septic nitrate dilution standards of the Pinelands Comprehensive Management Plan (CMP). This makes wastewater-intensive uses impractical in the Borough. On the residential side, the most dense residential zoning requires (2)</p>	<p>No significant construction has taken place within the 322 corridor. Three other residential structures have been approved. One project contains approval for 5 dwellings, two other projects have been approved with three dwellings each. They will be built over the next 12-18 months.</p>	<p>The Borough's design and development standards are consistent with those contained within the Pinelands Comprehensive Management Plan (CMP). The Borough has expanded on these requirements to help protect and mitigate the effects of natural disasters. For example, the Borough requires that all new homes maintain a clear driveway width of twenty (20) feet to ensure adequate access for emergency vehicles. The Borough is also currently considering efforts to increase the minimum buffer between a new residence and wooded areas to 100 feet in an attempt to decrease the effects of wildfires</p> <p>There has been no changes in the Boroughs (CMP).</p>	<p>No changes</p>

Community	1. Land Uses and Development Trends in Hazard Areas as Reported in the 2016 Plan. Please describe development trends occurring within your jurisdiction, such as the predominant types of development occurring, location, expected intensity, and pace by land use. While details are preferred, it is ok if your feedback is qualitative and quite general, such as "high-occupancy, high-density residential development is occurring near the waterfront".	1a. Please update your response to reflect conditions in 2021	Regulations/Codes/Ordinances To Protect New Development From Natural Hazards as Reported in the 2016 Plan. Does your jurisdiction enforce regulations/ordinances/codes to protect new development from the effects of natural hazards? (Some examples might be floodplain management ordinances enforcing FEMA's NFIP for new development or substantial improvements in the floodplain; steep slope ordinances for community's which may have landslide hazards; earthquake resistant design criteria and/or high wind design criteria; or buffer zones in wildfire hazard areas.) If so, please describe.	2a. Please update your response to reflect conditions in 2021
	<p>acres for every dwelling unit. The least dense residential zoning requires 30 acres for every dwelling unit. In 2007, the Borough Council did pass an ordinance that allows "cluster"-type development in the Forest and Rural Development zones. This ordinance allows residential development on one (1) acre <u>parcels</u>, but requires that the remaining area required to meet the full zoning standard be preserved as open space. Therefore, the overall base density of the zone cannot be exceeded.</p> <p>The expansion of the FC district has made a positive impact on Development on Rt. 322</p>			

National Flood Insurance Program Summary

Borough of Folsom has participated in FEMA's National Flood Insurance program (NFIP) since 1982.

National Flood Insurance Program Data Borough of Folsom	
Total number of policies ¹	23
Insurance in force ²	\$5,641,600
Total number of losses during NFIP participation	4
Total claims paid during NFIP participation	\$657
Non-Mitigated Repetitive Loss Properties	0
Non-Mitigated Severe Repetitive Loss Properties	0

Folsom does not participate in the NFIP's Community Rating System.

Folsom provided the following NFIP Administrator Input in 2021, for inclusion in the 2022 Plan.

¹ Policies in Force from www.fema.gov NFIP Insurance Report, data current as of 06/03/21.

² Insurance in Force from www.fema.gov NFIP Insurance Report, data current as of 06/03/21

Name: VINCENZO POLISTINA Title: Floodplain Manager/Floodplain Administrator/NFIP Coordinator

Community: Borough of Folsom Email and Phone: VPOLISTINA@COMCAST.NET 609-646-2950



Atlantic County Multi-Jurisdictional Hazard Mitigation Plan Update - *Worksheet #2 - NFIP*

Note: Data showing in the form at this time was provided for the 2016 plan by: Joel Spiegel. This form should be updated by your floodplain administrator.

Adoption Date of your Current Floodplain Management Ordinance	Date of Entry into NFIP ¹	Position or Title of Your Jurisdiction's Designated Floodplain Manager/Administrator (may also be called NFIP Coordinator)		Is this person is a Certified Floodplain Manager?	Is floodplain management an auxiliary function?	Is your community in good standing with the NFIP?	
12-29-81	01-06-82	Borough Engineer		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Provide an explanation of NFIP administration services (i.e., permit review, GIS, education or outreach, inspections, engineering capability, etc.):							
Permit review on all new building or remodeling							
Describe barriers to running an effective NFIP program in the community (if applicable):							
NOT Applicable							
When was most recent FEMA Community Assistance Visit (CAV) or Community Assistance Contact (CAC)?*	Is a CAV or CAC scheduled or needed?	Does the current floodplain management ordinance exceed FEMA or State minimum requirements? If so, describe how.	Is training of staff regarding NFIP issues planned?	Does your community intend to continue to enforce the floodplain management requirements including regulating new construction in Special Flood Hazard Areas (SFHAs)?	Does your community participate in the CRS? If so, state your Class.	Does your community intend to continue its participation in the CRS program?	If your community is not currently participating in the CRS program, are you intending to initiate the process during the next planning cycle?
N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No* * Class <u> </u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
*Describe any outstanding compliance issues (i.e., current violations):							
THERE ARE NO OUTSTANDING COMPLIANCE ISSUES THAT I AM AWARE OF							

Name: VINCE POLISTINA Title: Floodplain Manager/Floodplain Administrator/NFIP Coordinator

Representing: Borough of Folsom Email and Phone: VPOLISTINA@COMCAST.NET 609-646-2950



Provide an explanation of your local floodplain permitting process:

Any Floodplain permitting would go through the zoning officer building inspector and planning and zoning board of adjustments it would also have to be approved by Pinelands Commission

Does your community intend to continue floodplain identification and mapping services including any local requests for map updates?	Does your community intend to initiate/continue the buyouts of repetitive loss properties?	Does your community intend to commit staff or resources to improve local mapping or code administration in the future?	Does your community intend to provide local outreach to promote the sale of flood insurance?	Does your community intend to participate in RiskMAP meetings and planning initiatives?	Does your community intend to continue to implement structural improvements to mitigate against flooding - culverts, drainage basins, etc.?	Does your community intend to continue to implement home improvement programs designed to minimize basement flooding?	Does your community intend to continue to implement roadway improvements to reduce damage from future flooding events?	Does your community intend to implement plans and programs in coordination with a local or regional drainage/sewer authority?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Does your community intend to adopt the new FEMA Advisory Base Flood Elevations?	As Floodplain Manager, did you (or your predecessor at the time) actively participate in the development of the initial Hazard Mitigation Plan?		As Floodplain Manager, are you actively participating in the development of this Hazard Mitigation Plan Update?		Have there been any changes to your community's local floodplain management program since the last version of the plan?			
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			

* If you answered "yes", that there have been changes to your local program since the last version of the plan, please describe:

N/A

Provide a description of your community assistance and monitoring activities:

We assist all who ask and monitor through the construction office and Planning and zoning board

NFIP participating communities are required to update/revise their floodplain management ordinance to ensure that it complies with the latest FEMA regulations. Will your community continue to commit to this program requirement?

Yes No

NFIP participating communities are also required to update/revise their floodplain management ordinance to be consistent with the latest FIRMs. Will your community continue to commit to this program requirement?

Yes No

Critical Facilities in Delineated Hazard Areas

Note that all assets and facilities in the Borough of Folsom are considered to be at risk from County-wide hazards: Hurricane/Tropical Storm, Nor' easter, Extreme Wind, Tornado, Winter Weather, Lightning, Extreme Temperatures and Earthquake.

Facility Name	Location	Facility Type	Flood, A Zone	Flood, V Zone (Wave)	Category 1-4 Storm Surge	Coastal Erosion	Sea Level Rise, 1 Ft	Sea Level Rise, 3 Ft	Dam Failure	Low to Moderate Wildfire	High to Extreme Wildfire
Borough of Folsom											
Folsom Boro - Station 13-1	Mays Landing - Blue Anchor Road	Fire Station	0	0	0	0	0	0	0	0	0
Folsom School	1357 mays landing road	School	0	0	0	0	0	0	0	0	0
Total			0	0	0	0	0	0	0	0	0

Summary of Estimated Potential Losses from Hazards

Estimated annual losses provided in this section are based on best available data, and the methodologies applied result in an approximation of risk. Loss estimates should be used to understand relative risk from hazards.

Uncertainties are inherent in any loss estimation methodology, arising in part from incomplete scientific knowledge concerning natural hazards and their effects on the built environment. Uncertainties also result from approximations and simplifications that are necessary for a comprehensive analysis (i.e., incomplete inventories, demographics or economic parameters).

It is important to note that this table reflects estimates of average annual damages. For any hazard, individual event damages could be substantially (orders of magnitude) higher.

Only hazards for which annual losses were quantified and presented in Section 3C are included in this table.

Summary of Estimated Potential Losses From Hazards		
Borough of Folsom		
Quantified Hazard	Annualized Loss	Annual Loss Ratio
Extreme Wind	\$38,000	0.033%
Hurricane and Tropical Storm	\$48,000	0.020%
Lightning	\$300	0.000%
Tornado	\$100	0.000%
Drought*	\$136,000	5.000%
Winter Storm	\$1,000	0.001%
Coastal Erosion	\$0	0.000%
Flooding (Riverine)	\$1,160,000	0.400%
Storm Surge (Coastal Flooding)	\$0	0.000%
Earthquake	\$3,000	0.001%

*Derived from crop values

Outreach to the Public and Other Stakeholders

As part of this 2022 Plan Update, Borough of Folsom undertook various activities to: (a) alert the public and other stakeholders to the fact that the HMP Planning Committee was working to develop the update; and (b) provide the public and other stakeholders with a forum to ask questions and submit comments and suggestions on the process. Outreach activities undertaken by Borough of Folsom included those listed below. No comments received.

Outreach Activities			
Date of Activity	Type of Activity	Activity Details	Lead Department and/or Staff Title who Undertook Activity
7/13/21	Discussed update at public council meeting	Updated public on the HMP update	EMC and Borough Clerk
8/10/21	Provided update on HMP update	Provided finished product to public at open meeting	EMC
8/17/21	Advised council all worksheets have been submitted	Emailed all involved parties that the update has been submitted	EMC

Capability Assessment

This section describes the following capabilities of Borough of Folsom :

- Legal and regulatory capability
- Administrative and technical capability
- Fiscal capability
- Community resiliency
- Community political capability

As part of the 2022 Plan update, each participating jurisdiction reevaluated the capabilities they had provided for the 2016 Plan, and sent updates to the consultant for incorporation into this plan section. Borough of Folsom has reviewed its responses from the 2016 Plan and has updated its prior feedback to reflect present-day conditions.

Legal and Regulatory Capability	
Regulatory Tools (Codes, Ordinances, Plans)	Do you have this?
Building Code	Y
Zoning Ordinance	Y
Subdivision Ordinance	Y
Special Purposes Ordinance	Y
Growth Management Ordinance	Y
Site Plan Review Requirements	Y
Comprehensive Plan	Y
Capital Improvements Plan	N
Economic Development Plan	N
Emergency Response Plan	Y
Post-Disaster Recovery Plan	N
Post-Disaster Recovery Ordinance	N
Real Estate Disclosure Ordinance	N
Evacuation Plan	Y

Administrative and Technical Capability	
Regulatory Tools (Codes, Ordinances, Plans)	Do you have this?
Planner(s) with knowledge of land development and management practices	Y
Engineer(s) with knowledge of land development and management practices	Y
Planner(s) or engineer(s) with knowledge of land development and management practices	Y
Engineer(s) or professional(s) trained in construction practices related to buildings and/or infrastructure	Y
Planner(s) or engineer(s) with an understanding of natural and/or human caused hazards	Y
Floodplain manager	Y
Surveyors	N
Staff with education or expertise to assess the community's vulnerability to hazards	Y
Personnel skilled in GIS and/or HAZUS	Y
Scientists familiar with the hazards of the community	N
Emergency Manager	Y
Code Enforcement Official	Y
Public Works or Highway Superintendent	Y
Emergency Management Coordinator	Y

Fiscal Capability	
Financial Resources	Accessible or Eligible to use
Community Development Block Grants (CDBG)	Y
Capital Improvements Project Funding	Y
Authority to Levy Taxes for Specific Purposes	Y
Fees for Water, Sewer, Gas, or Electric Service	N
Impact Fees for Homebuyers or Developers for New Developments/Homes	N
Incur Debt through General Obligation Funds	Y
Incur Debt through Special Tax and Revenue Bonds	N
Incur Debt through Private Activity Bonds	N
Withhold Spending in Hazard-Prone Areas	N
Other (i.e., coastal, sustainability, or climate change initiatives; or Brownfield funds)	N

Would you classify your community's <u>legal and regulatory</u> capability to implement hazard mitigation strategies as high, moderate, or low?	Would you classify your community's overall <u>technical</u> capability to implement hazard mitigation strategies as high, moderate, or low?	Would you classify your community's overall <u>fiscal</u> capability to implement hazard mitigation strategies as high, moderate, or low?	Would you classify your community's overall <u>administrative</u> capability to implement hazard mitigation strategies as high, moderate, or low?	Would you classify your political leadership's willingness to enact policies and programs that reduce hazard vulnerabilities in your community as high, moderate, or low - even if met with opposition? (i.e., guiding development away from identified hazard areas)?
low	low	low	low	high
<p>Discuss ways of bridging identified gaps in your local capabilities to ensure that they are in-line with your mitigation actions and goals.</p>				
<p>By including public works as well as ongoing public discussions we will be able to know of any existing and emerging hazards.</p> <p>Through ordinance and resolution and to bring in outside resources for technical capabilities.</p>				

Plan Integration

It is the intention of Borough of Folsom to incorporate mitigation planning as an integral component of daily municipal operations. The balance of this subsection describes local accomplishments over the last planning cycle (2016-2021), and targeted activities for the next planning cycle (2022-2027), as reported by the Borough's CPG member and shared with the consultant for incorporation here.

Demonstration of Progress over the Last Planning Cycle (2016-2021) – Borough of Folsom undertook the following plan integration mechanisms over the last planning cycle:

Over the last cycle, the community has updated multiple drainage issues within the community. A few areas received larger drainage pipes (backline rd, 14th st). There was an additional piping upgrade to N Pinewood and Laurel Lane in the Penny Pot section. Also in the Penny Pot section, an additional inlet was added to N Pinewood Dr. There was also road improvements on multiple roads, most notably Lake Dr. We have and will continue to clean debris from storm drains. Additionally, we have now contracted with the state as our building code official, which has improved many processes for our residents. With any new development, land clearing was done in a thoughtful manner regarding vegetation removal as well as drainage issues.

Targeted Plan Integration Activities for the Next Planning Cycle (2022-2027) – Borough of Folsom plans to implement the following plan integration mechanisms into local government operations from this point forward through the next planning cycle:

With multiple residences being approved within the borough old drain pipes will need to be updated and additional inlets will be needed. With the increase of additional traffic more road improvement will occur. While we are capped on most things by Pinelands we continue to look for additional development opportunities within the municipality of Folsom. By including our public works department within our HMP they will continue to be

our eyes on the street and our first line of defense for identifying and dealing with any emerging hazards.

Mitigation Strategy

This subsection sets forth the mitigation strategy for Borough of Folsom. It describes, in the following order:

- Progress on 2016 Plan Actions
- Hazard Mitigation Accomplishments
- Proposed 2022 Plan Mitigation Actions
- Action Worksheets

Progress on 2016 Plan Actions

The following table was completed by the Borough of Folsom JAT Committee Members. It summarizes the progress that was made on the local hazard mitigation initiatives that were set forth in the last version of the plan in 2016.

Borough of Folsom has identified no major changes in priorities since the last version of the plan.

PROGRESS ON 2016 HAZARD MITIGATION PLAN INITIATIVES												
2016 Plan Initiative Number	Mitigation Initiative Description	2016 Plan Priority	Hazard(s) Mitigated	Lead and Support Agencies	Status				Status Details	Relevance		Relevance Details
					Completed	Initiated but Not Completed	Ongoing Type of Activity	Not Initiated		Still Relevant - Carry Forward to Updated Mitigation Strategy	No Longer Relevant - Omit from Updated Mitigation Strategy	
1	Drainage improvements - cleaning debris and upgrading systems. South River Dr. and Park Ave area and Collings Lakes area for town. (address to be identified in the future)	High	Flooding	Superintendent of public works and governing body. Along with town engineer			X		THE ADDITION OF TWO INLETS ON PARK AVE. THERE HAS BEEN DIFFERING ENGINEERING PLANS	X		THERE WILL BE TWO ADDITIONAL INLETS INSTALLED
2	Public awareness and education program. Put on local TV station, links on town website along with monthly announcements at town hall meetings and educational lessons in the local schools.	High	All	Local government with support from local school and county.			X		ALWAYS SEEKING NEW WAYS TO KEEP OUR RESIDENTS INFORMED	X		NO LONGER OFFERING LESSONS IN SCHOOLS. NOW ALSO UTILIZING SOCIAL MEDIA TO GET INFORMATION TO RESIDENTS
3	Review and update our local codes and ordinances. The committee along with planning and zoning board of adjustments review and bring back to council for approval and or changes.	Medium		Code officials planning and zoning board of adjustments, local government			X		ALWAYS LOOKING FOR NEW/IMPROVED OPPORTUNITIES	X		WE HAVE A NEW ZONING OFFICER AND NOW CONTRACTED WITH THE STATE FOR BUILDING CODE ENFORCEMENT
4	Review and enforce all plans and permits and codes.	Medium	All	Code enforcement official			X		ONGOING PRACTICE	X		WE HAVE A NEW ZONING OFFICER AND NOW CONTRACTED WITH THE STATE FOR BUILDING CODE ENFORCEMENT
5	'Incorporate natural disasters in our master plan. Incorporate new techniques into plan to avoid loss of live and property. To ensure existing and new construction is built in areas that are not prone to flooding and to put in new measures to help protect against wild fires and straight line winds.	Medium	All	Code official	X				EVACUATION PLAN WRITTEN.		X	MANY NEW PROCESSES AND PROCEDURES INCLUDED IN THE EOP AND MASTERPLAN UPDATE OF 2018
6	Hold periodic workshops regarding zoning and planning issues that arise regarding natural hazards. Educate public and planning and zoning board members. Workshops for municipalities regarding planning and zoning. Committee reviews and brings to council for approval.	Low	All	Code official	X				DURING MEETINGS NATURAL HAZARDS WERE OPENLY DISCUSSED	X	X	NATURAL HAZARDS HAVE BEEN DISCUSSED AT BOTH PUBLIC ZONING AND COUNCIL MEETINGS
7	Principles of hazard mitigation plan integration into new and updated plans. Educate and implement our policies and procedures	Medium	All	Code official and Planning and zoning board of adjustments	X				DRAINAGE AND INLET RUNOFF WERE DISCUSSED, PROBLEM AREAS IDENTIFIED AND REPAIRED		X	AS NEW HAZARDS ARE IDENTIFIED, THEY WILL BE PLANNED FOR.

Hazard Mitigation Accomplishments (2016-2021)

The State of New Jersey 2019 HMP (Section 3, Page 3-30) requires identification of mitigation activities as an essential element of a local plan review. Information on the status of long-range mitigation strategies shall be contained in the original plan. Self-funded mitigation initiatives as well as past FEMA funded projects should be documented. The following table summarizes past mitigation accomplishments in Borough of Folsom since the last version of the plan was adopted in 2016.

Past Mitigation Accomplishments				
Project	Status		Funding Source	Relationship to Plan
	Approved/Active Year	Completed Year		
LAKE DR ROAD IMPROVEMENT	2019	2020	NJDOT GRANT	NONE
LARGE DIAMETER DRAINAGE PIPES MULTIPLE AREAS	2018	2018	NJDOT GRANT	NONE
ADDED INLET N PINEWOOD DR	2020	2021	NJDOT GRANT	DRAINAGE, RAINWATER

Proposed 2022 Plan Mitigation Actions

The process for selection and prioritization of mitigation actions is described in greater detail in Section 6 of the main text. The outcomes of that overall process are summarized here.

This plan proposes the actions determined to be the most appropriate for the resources and capabilities of Borough of Folsom based on the experience of local officials, with input from the public and other stakeholders. Potential actions were reviewed relative to potential financial as well as administrative and legal costs and the degree to which they would be endorsed by the public. Potential actions were reviewed during the meetings relative to their potential benefit of effectiveness in saving lives, protecting the natural environment, and reducing disruption and damage. Actions selected by each jurisdiction include activities to protect existing and future structures and infrastructure and enhance community resilience.

Part of enhancing community resilience involves adapting to a changing climate. This plan's risk assessment includes information on climate change as part of the hazard vulnerability analysis and contain strategies/projects to address increased vulnerability that may result from climate change. By developing mitigating strategies and/or projects for hazards that are exacerbated by climate change, jurisdictions will better protect residents, avoid, or reduce damage to property and public infrastructure, and reduce personal hardship. Previous sections of this plan have presented information on how climate change may affect jurisdictional vulnerability or increased frequency of occurrence and/or severity in exposure to the identified hazards. Climate change is addressed by mitigating the various hazards that it exacerbates. Borough of Folsom has proposed a range of hazard mitigation initiatives to address their highest hazards including those hazards that are exacerbated by a changing climate.

Action priorities were determined by a qualitative prioritization process. A higher priority was assigned to projects where: the life/safety risk of taking no action was deemed to be unacceptably high; the project addresses one of the community's highest hazards and/or key risks; benefits were projected to equal or exceed project costs; critical facilities or key local assets were being protected; funding and staff resources were deemed to be sufficient and/or accessible for project implementation; the project is technically feasible and the community determined their legal authority to implement the action; negative environmental and/or social impacts were not identified during the assessment, or were very minimal; and/or where there was overall support for the project from the local community (government officials, public, and stakeholders).

Detailed Action Worksheets for each action item in the strategy are presented in the following pages.

Action Worksheet	
Your plan name	<i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Borough of Folsom</i>
Community action number	<i>1</i>
Assessing the Risk	
Hazard(s) addressed	<i>Flooding</i>
Risk finding	<i>Roadway flooding in areas of town due to undersized stormwater catch basins systems and drainage trenches that need to be reconstructed.</i>
Describing the Action	
Action category	<i>Cleaning debris and upgrading systems</i>
Action type	<i>Drainage improvements</i>
Action description	<i>Drainage improvements - cleaning debris and upgrading systems. South River Dr. and Park Ave area and Collings Lakes area for town. (address to be identified in the future)</i>
Existing, future &/or NA	<i>Addresses existing properties</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Erosion of roadways , property damage.(the road ways and or properties will no long flood out and be damaged due to moving or standing water.)</i>
Cost estimate	<i>\$10,000 per inlet</i>
Cost effectiveness (i.e., benefit/cost)	<i>Save our roadways and possible litigation</i>
Technical	<i>Technically feasible, would solve long term property damage and road damage (road way could not be regraded to move water away from properties and existing structures)</i>
Political	<i>Yes, our residents do not want property damage caused by road way flooding.</i>
Legal	<i>NO Apparent legal issues. The governing body has the authority to act on behalf of the community.</i>
Environmental	<i>No apparent environmental impact because we are only upgrading existing storm water systems.</i>
Social	<i>Dose not adversely effect any social groups.</i>
Administrative capability	<i>Yes between council and personnel and municipal administration additional support may be required.</i>
Local champion	<i>Superintendent of public works</i>
Other community objectives	<i>Capital improvements and environmental quality.</i>
Implementing the Action	
Priority	<i>High</i>
Local planning mechanism	<i>Flood plain ordinance and storm water ordinance.</i>
Responsible party	<i>Superintendent of public works and governing body. Along with town engineer</i>
Potential funding sources	<i>Grants</i>
Time line	<i>One year from start of project and weather conditions</i>
Reporting on Progress	
Action progress status	<i>carried forward from the last mitigation plan. NJDOT grants have paid for most repairs to date. Looking at additonal funding.</i>

Action Worksheet	
Your plan name	<i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Borough of Folsom</i>
Community action number	2
Assessing the Risk	
Hazard(s) addressed	<i>All</i>
Risk finding	<i>Not understanding the importance of preventing the loss of life and property damage.</i>
Describing the Action	
Action category	<i>Educating the community</i>
Action type	<i>Public awareness and education program</i>
Action description	<i>Public awareness and education program. Put on local TV station, links on town website along with monthly announcements at town hall meetings. Share pertinent information on social media</i>
Existing, future &/or NA	<i>Teaches young people how to react to natural disasters, and how and where to build to protect for future generations.</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Builds public support in case of mitigation and educates the public to avoid emergencies and injuries.</i>
Cost estimate	<i>\$1500 TO \$3000 depending on programs.</i>
Cost effectiveness (i.e., benefit/cost)	<i>This is small cost to educate community , and has the potential of saving tens of thousands in future property loss and personal injury through education.</i>
Technical	<i>By making the community aware we will reduce risk.</i>
Political	<i>n/a no political issues anticipated.</i>
Legal	<i>No obvious political ramification on public safety and welfare issues.</i>
Environmental	<i>Would be no apparent environmental effects</i>
Social	<i>Provides education to all social groups.</i>
Administrative capability	<i>Cost effective, very low educational cost.</i>
Local champion	<i>Local government with support from county and state</i>
Other community objectives	<i>Some programs could help reduce the rating system for our NFIP.</i>
Implementing the Action	
Priority	<i>HIGH</i>
Local planning mechanism	<i>n/a</i>
Responsible party	<i>Local government with support from county and state.</i>
Potential funding sources	<i>Educational Foundation</i>
Time line	<i>Ongoing .</i>
Reporting on Progress	
Action progress status	<i>Carried forward from last plan and already in progress of educating the public through the local web site social media.</i>

Action Worksheet	
Your plan name	<i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Borough of Folsom</i>
Community action number	3
Assessing the Risk	
Hazard(s) addressed	<i>All</i>
Risk finding	<i>To update existing codes to address natural disaster concerns in new construction.</i>
Describing the Action	
Action category	<i>Review and update our local codes and ordinances.</i>
Action type	<i>Ordinance committee along with planning and zoning board of adjustments review ordinance.</i>
Action description	<i>Review and update our local codes and ordinances. The committee along with planning and zoning board of adjustments review and bring back to council for approval and or changes.</i>
Existing, future &/or NA	<i>WILL help prevent building in flood prone areas and help protect loss of property</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Benefits of enforcing codes and ordinances protect the community from placing structures in flood prone areas etc..</i>
Cost estimate	<i>\$25,000 to \$50,000 per year.</i>
Cost effectiveness (i.e., benefit/cost)	<i>Prevents loss of life and property</i>
Technical	<i>Technically it is pertinent to the welfare of the community</i>
Political	<i>No opposition in the political arena</i>
Legal	<i>Enforcing local ordinances legally</i>
Environmental	<i>Protecting the environment by enforcing the ordinances</i>
Social	<i>This pertains to all population and protects all</i>
Administrative capability	<i>Code enforcement</i>
Local champion	<i>Council and planning and zoning board of adjustment</i>
Other community objectives	<i>Protects the economic development and the environmental quality of the Borough..</i>
Implementing the Action	
Priority	<i>Medium</i>
Local planning mechanism	<i>Ordinance and enforcement</i>
Responsible party	<i>Code officials planning and zoning board of adjustments, local government</i>
Potential funding sources	<i>Local tax revenue</i>
Time line	<i>Ongoing</i>
Reporting on Progress	
Action progress status	<i>Continuing</i>

Action Worksheet	
Your plan name	<i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Borough of Folsom</i>
Community action number	<i>4</i>
Assessing the Risk	
Hazard(s) addressed	<i>All</i>
Risk finding	<i>Update and review existing codes</i>
Describing the Action	
Action category	<i>Review plans for new construction to make sure they meet code.</i>
Action type	<i>Identify and make sure codes are followed.</i>
Action description	<i>Review and enforce all plans and permits and codes.</i>
Existing, future &/or NA	<i>Protect existing development and future development</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Effective Because it prevents residents from putting up illegal structures or unsafe structures.</i>
Cost estimate	<i>cost of salary of code official and upgrading code book on annual basis.</i>
Cost effectiveness (i.e., benefit/cost)	<i>Effective because it prevents illegal and unsafe construction</i>
Technical	<i>Permits and Fines cover salaries of officials</i>
Political	<i>Council and Mayor support the actions of the code official</i>
Legal	<i>Enforcing local ordinances legally</i>
Environmental	<i>Protecting the environment by enforcing the Borough ordinances.</i>
Social	<i>This protects all the population in our Borough.</i>
Administrative capability	<i>Code Enforcement-local and state</i>
Local champion	<i>Council and Planning and Zoning board of adjustment</i>
Other community objectives	<i>Makes sure that the economic development and environment is protected</i>
Implementing the Action	
Priority	<i>Medium</i>
Local planning mechanism	<i>Ordinances and enforcement</i>
Responsible party	<i>code enforcement official and state</i>
Potential funding sources	<i>Local tax revenue</i>
Time line	<i>Ongoing</i>
Reporting on Progress	
Action progress status	<i>Carried over from the last version of the plan.</i>

Action Worksheet	
Your plan name	<i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>
Your community name	<i>Borough of Folsom</i>
Community action number	<i>6</i>
Assessing the Risk	
Hazard(s) addressed	<i>All</i>
Risk finding	<i>To Hold periodic workshops regarding zoning and planning issues that arise regarding natural hazards</i>
Describing the Action	
Action category	<i>Educate public and planning and zoning board members.</i>
Action type	<i>Council and planning and zoning reviews and updates .</i>
Action description	<i>Hold periodic workshops regarding zoning and planning issues that arise regarding natural hazards. Educate public and planning and zoning board members. Workshops for municipalities regarding planning and zoning . Committee reviews and brings to council for approval.</i>
Existing, future &/or NA	<i>Brings Knowledge to present and future members of planning and zoning board and governing body</i>
Evaluating the Action	
Losses avoided (i.e., benefits)	<i>Update knowledge and become aware of new codes and ordinances.</i>
Cost estimate	<i>Cost of work shops</i>
Cost effectiveness (i.e., benefit/cost)	<i>'Saves the community from future legal action by being aware of new codes</i>
Technical	<i>Cost effective</i>
Political	<i>No opposition</i>
Legal	<i>Planning and Zoning board of adjustment</i>
Environmental	<i>Help protect the environment</i>
Social	<i>Helps protect all of the Borough population</i>
Administrative capability	<i>The planning and zoning board of adjustments</i>
Local champion	<i>Planning and Zoning board of adjustment</i>
Other community objectives	<i>Informs the public</i>
Implementing the Action	
Priority	<i>Low</i>
Local planning mechanism	<i>Codes</i>
Responsible party	<i>Code official</i>
Potential funding sources	<i>Local tax levys</i>
Time line	<i>Ongoing</i>
Reporting on Progress	
Action progress status	<i>Carried from last version of the plan</i>