

HAZARD MITIGATION PLAN POINT OF CONTACT

Primary

Cathy Martino
Borough Manager
164 Garibaldi Avenue, Roseto, PA 18013-1371
610-588-0695
rosbor@epix.net

Alternate

MUNICIPAL PROFILE

Roseto Borough is located in the northeastern part of Northampton County. It encompasses an area of approximately 0.6 square miles, and has a population of 1,567 (2010 Census). The borough borders Bangor Borough to the south and is otherwise surrounded by Washington Township.

There are several small lakes and flooded mine pits stretching southwest-northeast in the northern part of the borough.

PA Route 512 (Central Ave) is the major east-west route through the borough. Broad Street is the major north-south roadway.

MUNICIPAL PARTICIPATION

1. Identify municipal stakeholders to be involved in the planning process (Floodplain Administrator, public works, emergency management, engineer, planner, etc.) and include their role in the process.

Role:

Role:

Role:

2. Identify community stakeholders (neighborhood groups, religious groups, major employers/businesses, etc.) that will be informed and/or involved in the planning process and describe how they will be involved.

3. Describe how the public **will be engaged** in the current planning process (newsletters, social media, etc.) **and how they were engaged** since the 2013 Hazard Mitigation Plan.

Topic	Identify source of information, if different from the one listed	Additional Comments
1. Staff Resources		
Is the Community Floodplain Administrator (FPA) or NFIP Coordinator certified?	Community FPA	
Is floodplain management an auxiliary function?	Community FPA	
Provide an explanation of NFIP administration services (e.g., permit review, GIS, education or outreach, inspections, engineering capability)	Community FPA	
What are the barriers to running an effective NFIP program in the community, if any?	Community FPA	
2. Compliance History		
Is the community in good standing with the NFIP?	State NFIP Coordinator, FEMA NFIP Specialist, or community records	
Are there any outstanding compliance issues (i.e. current violations)?		
When was the most recent Community Assistance Visits (CAV) or Community Assistance Contact (CAC)?		
Is a CAV or CAC scheduled or needed?		
3. Regulation		
When did the community enter the NFIP?	NFIP Community Status Book	
Are the Flood Insurance Rate Maps (FIRMs) digital or paper? How are residents assisted with mapping?	Community FPA	
Do floodplain regulations meet or exceed FEMA or State minimum requirements? If so, in what ways?	Community FPA	
Describe the permitting process.	Community FPA, State, FEMA NFIP	

Compliance with the National Flood Insurance Program (NFIP)

Topic	Identify source of information, if different from the one listed	Additional Comments
4. Insurance Summary		
How many NFIP policies are in the community? What is the total premium and coverage?	State NFIP Coordinator or FEMA NFIP Specialist	
How many claims have been paid in the community? What is the total amount of paid claims? How many substantial damage claims have there been?	FEMA NFIP or Insurance Specialist	
How many structures are exposed to flood risk within the community?	Community FPA or GIS Analyst	
Describe any areas of flood risk with limited NFIP policy coverage.	Community FPA or FEMA Insurance Specialist	
5. Community Rating System (CRS)		
Does the community participate in CRS?	Community FPA, State, or FEMA NFIP	
If so, what is the community's CRS Class Ranking?	Flood Insurance Manual (http://www.fema.gov/floodinsurancemanual.gov)	
What categories and activities provide CRS points and how can the Class be improved?		
Does the plan include CRS planning requirements?	Community FPA, FEMA CRS Coordinator, or ISO representative	

Compliance with the National Flood Insurance Program (NFIP) (continued)

COMMUNITY ASSETS

Community assets are defined to include anything that is important to the character and function of a community and can be described in four categories: people, economy, natural environment and built environment. Please identify the community assets and location under each category:

1. People

- Concentrations of vulnerable populations (e.g. elderly, physically or mentally disabled, non-English speakers, medically or chemically dependent)
- Types of visiting populations where large numbers of people are concentrated (e.g. visitors for special events, students)

2. Economy

Major employers, primary economic sectors (e.g. agriculture) and commercial centers where losses would have a severe impact on the community.

3. Natural Environment

Those areas/features that can provide protective functions that reduce the magnitude of hazard events (e.g. wetlands, riparian areas) and other environmental features important to protect.

4. Built Environment

- Existing structures (e.g. concentrations of buildings that may be more vulnerable to hazards based on location, age, construction type, condition or use)
- Infrastructure systems (e.g. water and wastewater, power utilities, transportation systems, communication systems, energy pipelines and storage)
- High potential loss facilities (e.g. dams, locations housing hazardous materials, military and civil defense installations)
- Critical facilities (e.g. hospitals, medical facilities, police and fire stations, emergency operations centers, shelters, schools, airports/heliports)
- Cultural/historic resources (e.g. museums, parks, stadiums, etc.)

Capability		Status			Department/ Agency	Effect on Hazard Loss Reduction: - <u>S</u> upports - <u>N</u> eutral - <u>H</u> inders	Change since 2013 Plan? + Positive - Negative	Has the 2013 Hazard Mitigation Plan been integrated into the Regulatory Tool/Program? If so, how?	How can these capabilities be expanded and improved to reduce risk?	Additional Comments
		In Place	Date Adopted or Updated	Under Develop- ment						
1. Planning & Regulatory Regulatory/Tool/Program	Comprehensive Plan									
	Capital Improvement Plan									
	Economic Development Plan									
	Continuity of Operations Plan									
	Stormwater Management Plan/Ordinance									
	Open Space Management Plan (or Parks/Rec or Greenways Plan)									
	Natural Resource Protection Plan									
	Transportation Plan									
	Historic Preservation Plan									
	Floodplain Management Plan									
	Farmland Preservation									
	Evacuation Plan									
	Disaster Recovery Plan									
	Hazard Mitigation Plan	X	2006			+				Updating 2012
	Emergency Operations Plan									
	Zoning Regulations									
	Floodplain Regulations									
	NFIP Participation									
	Building Code									
Fire Code										
Other										

Capability Assessment

Capability		Yes	No	Department/Agency	Change since 2013 Hazard Mitigation Plan?	How can these capabilities be expanded and improved to reduce risk?	Additional Comments
2. Administration & Technology Staff/Personnel Resources	Planners (with land use/land development knowledge)						
	Planners or engineers (with natural and/or human-caused hazards knowledge)						
	Engineers or professionals trained in building and/or infrastructure construction practices (includes building inspectors)						
	Emergency manager						
	Floodplain administrator/manager						
	Land surveyors						
	Staff familiar with the hazards of the community						
	Personnel skilled in Geographic Information Systems (GIS) and/or FEMA's HAZUS program						
	Grant writers or fiscal staff to handle large/complex grants						
	Other						
3. Financial Resources	Capital improvement programming						
	Community Development Block Grants (CDBG)						
	Special purpose taxes						
	Gas/electric utility fees						
	Water/sewer fees						
	Stormwater utility fees						
	Development impact fees						
	General obligation, revenue, and/or special tax bonds						
	Partnering arrangements or intergovernmental agreements						
	Other						

Capability Assessment (continued)

Capability		Yes	No	Department/ Agency	Change since the 2013 Hazard Mitigation Plan?	How can these capabilities be expanded and improved to reduce risk?	Additional Comments
4. Education & Outreach Program/Organization	Firewise Communities Certification						
	StormReady Certification						
	Natural disaster or safety-related school programs						
	Ongoing public education or information program (e.g., responsible water use, fire safety, household preparedness, environmental education)						
	Public-private partnership initiatives addressing disaster-related issues						
	Local citizen groups or non-profit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.						
	Other						

Capability Assessment (continued)

Capability	Area	Degree of Capability			Change since the 2013 Hazard Mitigation Plan? If so, how?	Additional Comments
		Limited	Moderate	High		
5. Self-Assessment	Planning and Regulatory					
	Administrative and Technical					
	Financial					
	Education and Outreach					

Capability Assessment (continued)

Development/ Property Name	Type of Development	Number of Structures	Location	Known Hazard Zone	Description/Status
None identified at this time.					

Known Or Anticipated Future Development/Redevelopment

Type of Event and Date	FEMA Disaster # (if applicable)	Local Damage and Losses

Natural Hazard Event History Specific To Roseto Borough

Existing Mitigation Action (from 2013 Hazard Mitigation Plan)		Status					Additional Comments
		No Progress/ Unknown	In Progress	Continuous	Completed	Discontinued	
1	Retrofit structures located in hazard-prone areas to protect structures from future damage, with repetitive loss and severe repetitive loss properties as priority. Phase 1: Identify appropriate candidates for retrofitting based on cost-effectiveness versus relocation. Phase 2: Where retrofitting is determined to be a viable option, work with property owners toward implementation of that action based on available funding from FEMA and local match availability.	X					
2	Purchase, or relocate structures located in hazard-prone areas to protect structures from future damage, with repetitive loss and severe repetitive loss properties as priority. Phase 1: Identify appropriate candidates for relocation based on cost-effectiveness versus retrofitting. Phase 2: Where relocation is determined to be a viable option, work with property owners toward implementation of that action based on available funding from FEMA and local match availability.	X					
3	Maintain compliance with and good-standing in the NFIP including adoption and enforcement of floodplain management requirements (e.g. regulating all new and substantially improved construction in Special Hazard Flood Areas), floodplain identification and mapping, and flood insurance outreach to the community. Further, continue to meet and/or exceed the minimum NFIP standards and criteria through the following NFIP-related continued compliance actions identified below.	X					

2013 Municipal Action Plan Status

Existing Mitigation Action (from 2013 Hazard Mitigation Plan)		Status					Additional Comments
		No Progress/ Unknown	In Progress	Continuous	Completed	Discontinued	
4	<p>Conduct and facilitate community and public education and outreach for residents and businesses to include, but not be limited to, the following to promote and effect natural hazard risk reduction:</p> <ul style="list-style-type: none"> • Provide and maintain links to the HMP website, and regularly post notices on the County/municipal homepage(s) referencing the HMP webpages. • Prepare and distribute informational letters to flood vulnerable property owners and neighborhood associations, explaining the availability of mitigation grant funding to mitigate their properties, and instructing them on how they can learn more and implement mitigation. • Use email notification systems and newsletters to better educate the public on flood insurance, the availability of mitigation grant funding, and personal natural hazard risk reduction measures. • Work with neighborhood associations, civic and business groups to disseminate information on flood insurance and the availability of mitigation grant funding. 	X					
5	Begin the process to adopt higher regulatory standards to manage flood risk (i.e. increased freeboard, cumulative substantial damage/improvements).	X					
6	Determine if a Community Assistance Visit (CAV) or Community Assistance Contact (CAC) is needed, and schedule if needed.	X					
7	Have designated NFIP Floodplain Administrator (FPA) become a Certified Floodplain Manager through the ASFPM, and pursue relevant continuing education training such as FEMA Benefit-Cost Analysis.	X					
8	Participate in the Community Rating System (CRS) to further manage flood risk and reduce flood insurance premiums for NFIP policyholders. This shall start with the submission to FEMA-DHS of a Letter of Intent to join CRS, followed by the completion and submission of an application to the program once the community's current compliance with the NFIP is established.	X					
9	Archive elevation certificates	X					

2013 Municipal Action Plan Status (continued)

Existing Mitigation Action (from 2013 Hazard Mitigation Plan)		Status					Additional Comments
		No Progress/ Unknown	In Progress	Continuous	Completed	Discontinued	
10	Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Section 7.0	X					
11	Complete the ongoing updates of the Comprehensive Emergency Management Plans	X					
12	Create/enhance/ maintain mutual aid agreements with neighboring communities for continuity of operations.	X					
13	Identify and develop agreements with entities that can provide support with FEMA/PEMA paperwork after disasters; qualified damage assessment personnel – Improve post-disaster capabilities – damage assessment; FEMA/PEMA paperwork compilation, submissions, record-keeping	X					
14	Work with regional agencies (i.e. County and PEMA) to help develop damage assessment capabilities at the local level through such things as training programs, certification of qualified individuals (e.g. code officials, floodplain managers, engineers).	X					

2013 Municipal Action Plan Status (continued)

Notes:

- 1) Actions not carried through to the 2018 Action Plan are so noted.
- 2) To maintain National Flood Insurance Program (NFIP) compliance, actions related to the NFIP were carried through to the 2018 Action Plan even if identified by the municipality as completed.

	Mitigation Technique Category	Hazard(s) Addressed	Priority (H/M/L)	Estimated Cost	Potential Funding	Lead Agency/ Department	Implementation Schedule	Applies to New and/or Existing Structures
<p>1</p> <p>Retrofit structures located in hazard-prone areas to protect structures from future damage, with repetitive loss and severe repetitive loss properties as priority. Phase 1: Identify appropriate candidates for retrofitting based on cost-effectiveness versus relocation. Phase 2: Where retrofitting is determined to be a viable option, work with property owners toward implementation of that action based on available funding from FEMA and local match availability.</p>	Structure & infrastructure	Flood	Medium-High	High	FEMA Mitigation Grant Programs and local budget (or property owner) for cost share	Municipality (via Municipal Engineer/NFIP Floodplain Administrator) with support from PEMA, FEMA	Long-term (depending on funding)	Existing
<p>2</p> <p>Purchase, or relocate structures located in hazard-prone areas to protect structures from future damage, with repetitive loss and severe repetitive loss properties as priority. Phase 1: Identify appropriate candidates for relocation based on cost-effectiveness versus retrofitting. Phase 2: Where relocation is determined to be a viable option, work with property owners toward implementation of that action based on available funding from FEMA and local match availability.</p>	Structure & infrastructure	Flood	Medium-High	High	FEMA Mitigation Grant Programs and local budget (or property owner) for cost share	Municipality (via Municipal Engineer/NFIP Floodplain Administrator) with support from PEMA, FEMA	Long-term (depending on funding)	Existing
<p>3</p> <p>Maintain compliance with and good-standing in the NFIP including adoption and enforcement of floodplain management requirements (e.g. regulating all new and substantially improved construction in Special Hazard Flood Areas), floodplain identification and mapping, and flood insurance outreach to the community. Further, continue to meet and/or exceed the minimum NFIP standards and criteria through the following NFIP-related continued compliance actions identified below.</p>	Local plans & regulations	Flood	High	Low - Medium	Municipal Budget	Municipality (via Municipal Engineer/NFIP Floodplain Administrator) with support from PEMA, ISO FEMA	Ongoing	New & existing

2018 Mitigation Action Plan

	Mitigation Technique Category	Hazard(s) Addressed	Priority (H/M/L)	Estimated Cost	Potential Funding	Lead Agency/ Department	Implementation Schedule	Applies to New and/or Existing Structures
<p>4 Conduct and facilitate community and public education and outreach for residents and businesses to include, but not be limited to, the following to promote and effect natural hazard risk reduction:</p> <ul style="list-style-type: none"> • Provide and maintain links to the HMP website, and regularly post notices on the County/municipal homepage(s) referencing the HMP webpages. • Prepare and distribute informational letters to flood vulnerable property owners and neighborhood associations, explaining the availability of mitigation grant funding to mitigate their properties, and instructing them on how they can learn more and implement mitigation. • Use email notification systems and newsletters to better educate the public on flood insurance, the availability of mitigation grant funding, and personal natural hazard risk reduction measures. • Work with neighborhood associations, civic and business groups to disseminate information on flood insurance and the availability of mitigation grant funding. 	Education & awareness	All Hazards	High	Low-Medium	Municipal Budget	Municipality with support from Planning Partners, PEMA, FEMA	Short-term	N/A
<p>5 Begin and/or continue the process to adopt higher regulatory standards to manage flood risk (i.e. increased freeboard, cumulative substantial damage/improvements).</p>	Local plans & regulations	Flood	High	Low	Municipal Budget	Municipality (via Municipal Engineer/NFIP Floodplain Administrator) with support from PEMA, FEMA	Short-term	New & existing
<p>6 Determine if a Community Assistance Visit (CAV) or Community Assistance Contact (CAC) is needed, and schedule if needed.</p>	Local plans & regulations	Flood	Medium	Low	Municipal Budget	NFIP Floodplain Administrator with support from PADEP, PEMA, FEMA	Short-term	N/A

2018 Mitigation Action Plan (continued)

Mitigation Action		Mitigation Technique Category	Hazard(s) Addressed	Priority (H/M/L)	Estimated Cost	Potential Funding	Lead Agency/ Department	Implementation Schedule	Applies to New and/or Existing Structures
7	Have designated NFIP Floodplain Administrator (FPA) become a Certified Floodplain Manager through the ASFPM and/or pursue relevant continuing education training such as FEMA Benefit-Cost Analysis.	Local plans & regulations	Flood	High	Low	Municipal Budget	NFIP Floodplain Administrator	Short-term (depending on funding)	N/A
8	Participate in the Community Rating System (CRS) to further manage flood risk and reduce flood insurance premiums for NFIP policyholders. This shall start with the submission to FEMA-DHS of a Letter of Intent to join CRS, followed by the completion and submission of an application to the program once the community's current compliance with the NFIP is established.	Local plans & regulations	Flood	Medium	Low	Municipal Budget	NFIP Floodplain Administrator with support from PADEP, PEMA, FEMA	Short-term	N/A
9	Obtain and archive elevation certificates for NFIP compliance.	Local plans & regulations	Flood	High	Low	Municipal Budget	NFIP Floodplain Administrator	Ongoing	N/A
10	Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Section 7.0	All categories	All Hazards	High	Low – High (for 5-year update)	Municipal Budget, possibly FEMA Mitigation Grant Funding for 5-year update	Municipality (via mitigation planning point of contacts) with support from Planning Partners (through their Points of Contact), PEMA	Ongoing	New & existing
11	Complete the ongoing updates of the Comprehensive Emergency Management Plans	Local plans & regulations	All Hazards	High	Low	Municipal Budget	Municipality with support from PEMA	Ongoing	New & existing
12	Create/enhance/maintain mutual aid agreements with neighboring communities for continuity of operations.	All categories	All Hazards	High	Low	Municipal Budget	Municipality with support from surrounding municipalities and County	Ongoing	New & existing

2018 Mitigation Action Plan (continued)

Mitigation Action		Mitigation Technique Category	Hazard(s) Addressed	Priority (H/M/L)	Estimated Cost	Potential Funding	Lead Agency/ Department	Implementation Schedule	Applies to New and/or Existing Structures
13	Develop and maintain capabilities to process FEMA/PEMA paperwork after disasters; qualified damage assessment personnel – Improve post-disaster capabilities – damage assessment; FEMA/PEMA paperwork compilation, submissions, record-keeping.	Structure & infrastructure	All Hazards	Medium	Medium	Municipal Budget	Municipality with support from County, PEMA, FEMA	Short-term	N/A
14	Work with regional agencies (i.e. County and PEMA) to help develop damage assessment capabilities at the local level through such things as training programs, certification of qualified individuals (e.g. code officials, floodplain managers, engineers).	Structure & infrastructure	All Hazards	Medium	Medium	Municipal Budget, FEMA HMA grant programs	Municipality with support from County, PEMA	Short-, long-term (depending on funding)	N/A

2018 Mitigation Action Plan (continued)

Notes:

Estimated Costs:

Where actual project costs have been reasonably estimated: Low = < \$10,000; Medium = \$10,000 to \$100,000; High = > \$100,000

Where actual project costs cannot reasonably be established at this time:

Low = Possible to fund under existing budget. Project is part of, or can be part of an existing on-going program.

Medium = Could budget for under existing work-plan, but would require a reapportionment of the budget or a budget amendment, or the cost of the project would have to be spread over multiple years.

High = Would require an increase in revenue via an alternative source (i.e., bonds, grants, fee increases) to implement. Existing funding levels are not adequate to cover the costs of the proposed project.

Potential Funding (FEMA HMA):

PDM = Pre-Disaster Mitigation Grant Program

FMA = Flood Mitigation Assistance Grant Program

HMGP = Hazard Mitigation Grant Program

Implementation Schedule:

Short-Term= 1 to 5 years

Long-Term= 5 years or greater

DOF = Depending on funding.

Applies to New and/or Existing Structures:

N/A = Not Applicable