**Wilson Borough, Northampton County Annex**

**Hazard Mitigation Plan Points-of-Contact**

|  |  |
| --- | --- |
| **Primary:** | **Alternate:** |
| Joseph Sipel  Fire Chief  2040 Hay Terrace, Easton, PA 18042  610-253-2035  firechief@wilsonborough.org | Monica Wall  Borough Engineer (T&M Associates)  74 West Broad Street, Suite 530, Bethlehem, PA 18018  610-625-2999  mwall@tandmassociates.com |

**Municipal Profile**

Wilson Borough is located in the southeastern part of Northampton County. It encompasses an area of approximately 1.2 square miles and has a population of 8,259 (2020 Census). The borough is bordered by; Easton and West Easton Borough to the east; Forks Township to the north; Palmer Township to the west; and Glendon Borough to the south.

The Bushkill Creek forms a small part of the borough’s northern border with Forks Township. Likewise, the Lehigh River forms a portion of the borough’s southern border with Glendon Borough.

Wilson Borough has several major east-west roads through it. US Route 22 crosses the borough in the northern end. Hackett Avenue and Wood Avenue enter from Palmer Township in the northern part of the borough, and merge just north of US Route 22. South of Wood Avenue is PA Route 248 (Northampton Street), with Butler Street farther south. Freemansburg Avenue enters the borough in the south and travels northeast to join Butler Street in the eastern part of the borough.

**Municipal Participation**

1. Identify municipal stakeholders to be involved in the planning process such as, floodplain administrator, public works, emergency management, engineers, planners, etc., and include their specific role in the process.

|  |  |
| --- | --- |
| Joseph Sipel, Fire Chief/EMC  Role: Respond to hazard events | Monica Wall, Borough Engineer (T&M Associates)  Role: Review subdivision and land development plans for compliance with floodplain regulations |
| Emanuel Machado, Code Enforcement Office  Role: Review permit applications for compliance with the floodplain regulations | Jill A Garcia, Borough Manager  Role: Coordinate Hazard Mitigation |
| Eric Flowers, Director of Public Works  Role: Respond to damager from hazard events | Jeff Lewert, Public Works Foreman/Local EMC  Role: Respond to hazard events |

*\*please update table as needed*

1. Identify community stakeholders such as; 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.

There are no neighborhood groups, religious groups, major employers or major businesses located within or affected by the NFIP Special Flood Hazard Area (SFHA).

1. Describe how the public **will be engaged** in the current planning process (examples, newsletters, social media, etc.), **and how they were engaged** since the 2018 Hazard Mitigation Plan.

Current: Only eight (8) residents live within the SFHA. They will be notified of the current planning process by mailer.

Past: Same

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

| **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 | The Floodplain Administrator is not currently certified. |
| Is floodplain management an auxiliary function? | Community FPA |  |
| Provide an explanation of NFIP administration services (e.g., permit review, GGIS, education or outreach, inspections, engineering capability) | Community FPA | NFIP administration services include permit review & inspections. |
| What are the barriers to running an effective NFIP program in the community, if any? | Community FPA | Funding is a potential barrier. Please note – there are only 2 NFIP policies in Wilson Borough. |
| **2. Compliance History** | | |
| Is the community in good standing with the NFIP? | State NFIP Coordinator, FEMA NFIP Specialist, or community records | Yes |
| Are there any outstanding compliance issues (i.e., current violations)? |  | There are no outstanding compliance issues. |
| When was the most recent Community Assistance Visits (CAV) or Community Assistance Contact (CAC)? |  | The date of the most recent CAV or CAC is unknown. |
| Is a CAV or CAC scheduled or needed? |  | A CAV is not needed or scheduled due to the vary small area of the Borough physically located in the SFHA. |
| **3. Regulation** | | |
| When did the community enter the NFIP? | NFIP Community Status Book | 1980 |
| Are the Flood Insurance Rate Maps (FIRMs) digital or paper?  How are residents assisted with mapping? | Community FPA | FIRM’s are digital. The Borough can search for individual properties by “search by address” on the FEMA website. |
| Do floodplain regulations meet or exceed FEMA or State minimum requirements?  If so, in what ways? | Community FPA | Wilson Borough’s floodplain regulations meet FEMA requirements. The floodplain ordinance was updated in 2014. |
| Describe the permitting process | Community FPA, State, FEMA NFIP | Permitting is administered through the Borough’s Floodplain Administrator. |
| **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 | There are 2 NFIP policies in Wilson Borough. |
| 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 | There have been no claims since the 2013 update. |
| How many structures are exposed to flood risk within the community? | Community FPA or GIS Analyst | Three structures are located in the SFHA. |
| Describe any areas of flood risk with limited NFIP policy coverage | Community FPA or  FEMA Insurance Specialist | N/A |
| **5. Community Rating System (CRS)** | | |
| Does the community participate in CRS? | Community FPA, State, or FEMA NFIP | Wilson Borough is not eligible for CRS. |
| If so, what is the community’s CRS Class Ranking? | Flood Insurance Manual (http://www.fema.gov/floodinsurancemanual.gov) | N/A |
| What categories and activities provide CRS points and how can the Class be improved? |  | N/A |
| Does the plan include CRS planning requirements? | Community FPA, FEMA CRS Coordinator, or ISO representative | N/A |

**Community Assets**

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

1. **People**

* Concentrations of vulnerable populations such as the elderly, physically or mentally disabled, non-English speaking, and the medically or chemically dependent.

There are no concentrations of vulnerable populations located in the SFHA in Wilson Borough. Outside of the SFHA, concentrations of vulnerable populations include Easton Hospital, New Eastwood Healthcare & Rehabilitation Center.

* Types of visiting populations where large numbers of people are concentrated such as visitors for special events and students.

There are no types of visiting populations located in the SFHA in Wilson Borough. Outside of the SFHA, visitors attend special events at Wilson Area School District facilities.

1. **Economy**

* Major employers, primary economic sectors such as agriculture and commercial centers where losses would have a severe impact on the community.

There are no major employers, primary economic sectors and/or commercial centers located within the SFHA in Wilson Borough. Outside of the SFHA, major employers and commercial centers include Easton Hospital, shopping centers along 25th Street, and the commercial businesses throughout Wilson Borough.

1. **Natural Environment**

* Those areas / features that can provide protective functions that reduce the magnitude of hazard events such as, wetlands or riparian areas, and other environmental features important to protect.

There is undeveloped land within the SFHA along the Lehigh River. Only 600 LF of the Lehigh River is located within Wilson Borough.

1. **Built Environment**

* Existing structures such as, concentrations of buildings that may be more vulnerable to hazards based on location, age, construction type and / or condition of use.

There are only three (3) structures located within the SFHA in Wilson Borough. Outside of the SFHA, most of the residential housing in the Borough is dense and constructed 75 to 100 years ago.

* Infrastructure systems such as water and wastewater facilities, power utilities, transportation systems, communication systems, energy pipelines and storage.

Only 500 LF of Lehigh Drive is located within the SFHA in Wilson Borough.

* High potential loss facilities such as, dams, locations that house hazardous materials, military and / or civilian defense installation.

There are no high potential loss facilities located within the SFHA in Wilson Borough.

* Critical facilities such as, hospitals, medical facilities, police and fires stations, emergency operations centers, shelters, schools and airports / heliports.

There are no critical facilities located within the SFHA in Wilson Borough. Outside of the SFHA, critical facilities include Wilson Borough Police Department, Wilson Borough Fire Department, Easton Hospital, and the public schools located within Wilson Borough.

* Cultural / historical resources such as, museums, parks, stadiums, etc.

There are no cultural / historic resources located within the SFHA in Wilson Borough. Outside of the SFHA, cultural / historic resources include Meuser Park & Pool, Mary Meuser Library, Wilson High School Stadium, Fisk Field, WAIS Fields, Liberty Park and various historic monuments throughout the Borough.

**Capability Assessment**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Capability** | * **Regulatory** * **Tools** * **Programs** | **Status** | | | **Department /**  **Agency**  **Responsible** | **Effect on Hazard Loss Reduction:**  **-Supports**  **-Neutral**  **-Hinders** | **Change since 2018 Plan?**  **+ Positive**  **- Negative** | **Has the 2018 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 Development** |
| **1. Planning & Regulatory** | Comprehensive Plan |  |  |  |  |  |  |  |  |  |
| Capital Improvement Plan |  |  |  |  |  |  |  |  |  |
| Economic Development Plan |  |  |  |  |  |  |  |  |  |
| Continuity of Operations Plan |  |  |  |  |  |  |  |  |  |
| Stormwater Management Plan / Ordinance | X | Updated 2007 |  | Borough Engineer | S | + |  |  |  |
| Open Space Management Plan (or Parks/Rec., Greenways Plan) |  |  |  |  |  |  |  |  |  |
| Natural Resource Protection Plan |  |  |  |  |  |  |  |  |  |
| Transportation Plan |  |  |  |  |  |  |  |  |  |
| Historic Preservation Plan |  |  |  |  |  |  |  |  |  |
| Floodplain Management Plan |  |  |  |  |  |  |  |  |  |
| Farmland Preservation |  |  |  |  |  |  |  |  |  |
| Evacuation Plan |  |  |  |  |  |  |  |  |  |
| Disaster Recovery Plan |  |  |  |  |  |  |  |  | Lack of staffing and funding |
| Hazard Mitigation Plan | X | 2018 |  | County  EMA | S | + | N/A |  |  |
| Emergency Operations Plan | X | 11/2024 |  | Emergency  Management  Coordinator | S | + |  |  |  |
| Zoning Regulations | X | 12/2012 |  | Code Office | S | + |  |  |  |
| Floodplain Regulations | X | Updated 2014 |  | Code Office | S | + |  |  | Responsible for issuing building permits |
| NFIP Participation | X |  |  | Borough Manager | S | + |  |  |  |
| Building Code | X | 01/2007 |  | Code Office | S | + |  |  | Passed ordinance in 2010 and using 2009 IBC, looking to adopt 2018 code series |
| Fire Code | X | 08/2009 |  | Fire  Department |  |  |  |  |  |
| Other |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Capability** | * **Staff** * **Personnel** * **Resources** | **Yes** | **No** | **Department / Agency** | **Change since 2018 Plan?**  **+ Positive**  **- Negative** | **How can these capabilities be expanded and improved to reduce risk?** | **Additional Comments** |
| **2. Administrative & Technology** | Planners (with land use / land development knowledge) | X |  | Borough Manager | No |  |  |
| Planners or engineers (with natural and / or human-caused hazards knowledge) | X |  | 3rd party | No |  |  |
| Engineers or professionals trained in building and / or infrastructure construction practices (including building inspectors) | X |  | 3rd party | No |  |  |
| Emergency Manager | X |  | Borough | No |  |  |
| Floodplain administrator / manager | X |  | 3rd party  T&M Associates |  |  | Planning, zoning, and floodplain management |
| Land surveyors | X |  | Borough Manager | No |  |  |
| Staff familiar with the hazards of the community |  |  |  |  |  |  |
| Personnel skilled in Geographical Information Systems (GIS) and / or FEMA’s HAZUS program | X |  | Borough Engineer | No |  |  |
| Grant writers or fiscal staff to handle large / complex grants | X |  | 3rd party T&M associates | No |  |  |
| Other |  |  |  |  |  |  |
| **3. Financial Resources** | Capital improvement programming |  |  |  |  |  |  |
| Community Development Block Grants (CDBG) | X |  | Borough Engineer | No |  |  |
| Special purposes taxes |  |  |  |  |  |  |
| Gas / Electricity 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** | * **Staff** * **Personnel** * **Resources** | **Yes** | **No** | **Department / Agency** | **Change since 2018 Plan?**  **+ Positive**  **- Negative** | **How can these capabilities be expanded and improved to reduce risk?** | **Additional Comments** |
| **4. Education & Outreach** | Firewise Communities Certification |  |  |  |  |  |  |
| StormReady Certification |  |  |  |  |  |  |
| Natural disaster or safety-related school programs |  |  |  |  |  |  |
| Ongoing public education or information programs such as, responsible water use, fire safety, household preparedness, and environmental education. | X |  | Borough Manager | No |  | Website, newsletters, permits and forms, handouts |
| 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** |  | **Degree of Capability** | | | **Change since the 2018 Hazard Mitigation Plan?**  **If so, how?** | **Additional Comments** |
| **Limited** | **Moderate** | **High** |
| **5. Self – Assessment** | Planning and Regulatory |  |  | X | No Change |  |
| Administrative and Technical |  |  | X | No Change |  |
| Financial | X |  |  | No Change |  |
| Education and Outreach |  |  | X | No Change |  |

**Known or Anticipated Future Development / Redevelopment**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Development /**  **Property Name** | **Type of Development** | **Number of Structures** | **Location** | **Known Hazard Zone** | **Description / Status** |
| Dixie Building | Residential/Commercial | 1 | 315 South 24th Street | No Hazard Zone | Site design is in progress |
| Old Pfizer property | Commercial | 1 | 1520 Wood Avenue | Part of property in SFHA | Site design is in progress |

**Natural & Non-Natural Event History Specific to Wilson Borough**

|  |  |  |
| --- | --- | --- |
| **Type of Event and Date(s)** | **FEMA Disaster #**  **(if applicable)** | **Local Damage(s) or Loss(es)** |
| Pennsylvania COVID-19 Pandemic – 1/2020 | DR-4506-PA | Emergency Protective measures to combat COVID-19 Pandemic. |
| Remnants of Hurricane Ida | DR-4618-PA | Assistance to eligible individuals and families affected by this disaster. |

**2018 Municipal Action Plan Status**

| **Existing Mitigation Action**  **(from 2018 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 |  |  |  |  | There are no repetitive loss properties in Wilson Borough. |
| **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 |  |  |  |  | There are no repetitive loss properties in Wilson Borough. |
| **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 |  | The Borough's floodplain ordinance was updated in 2014.  Action carried through to the 2018 Action Plan. |
| **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:  - 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 & 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 |  |  | The Borough's homepage has been updated to include a link to the Hazard Mitigation Plan (HMP). |
| **5** | Begin and/or continue the process to adopt higher regulatory standards to manage flood risk (i.e. increased freeboard, cumulative substantial damage/improvements) and sinkhole risk (e.g. carbonate bedrock standards). |  |  |  | X |  | The Borough's floodplain ordinance was updated in 2014. Action carried through to the 2018 Action Plan. |
| **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/or 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 | Wilson Borough is not eligible to participate in the CRS.  Action carried through to the 2018 Action Plan. |
| **9** | Obtain and archive elevation certificates for NFIP compliance. |  | X |  |  |  |  |
| **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** | 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. |  | 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 |  |  |  |  |

**Notes:**

1. Actions not carried through to the 2023 Action Plan are so noted.
2. To maintain National Flood Insurance Program (NFIP) compliance, actions related to the NFIP were carried through to the 2023 Action Plan even if identified by the municipality as completed.

**2023 Mitigation Action Plan**

| **Mitigation Action** | | **Mitigation Action Category** | **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** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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. |  | Structure & Infrastructure | Flood | 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 |
| **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. | 2 | Structure & Infrastructure | Flood | 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 |
| **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. | 3 | 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 |
| **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:  - 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 & 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. | 4 | Education  & Awareness | All Hazards | High | Low-  Medium | Municipal Budget | Municipality with support | Short-term | N/A |
| **5** | Begin and/or continue the process to adopt higher regulatory standards to manage flood risk (i.e. increased freeboard, cumulative substantial damage/improvements) and sinkhole risk (e.g. carbonate bedrock standards). | 5 | Local plans  & Regulations | Flood;  Subsidence/ Sinkholes | High | Low | Municipal Budget | Municipality  (via Municipal  Engineer/NFIP Floodplain  Administrator) with support from PEMA,  FEMA | Short-term | New &  Existing |
| **6** | Determine if a Community Assistance Visit (CAV) or Community Assistance Contact (CAC) is needed, and schedule if needed. | 3 | Local plans  & Regulations | Flood | High | Low | Municipal Budget | NFIP  Floodplain  Administrator with support  from PA DEP, PEMA, FEMA | Short-term | N/A |
| **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. | 6 | Local plans  & Regulations | Flood | Medium | 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. | 7 | Local plans  & Regulations | Flood | High | Low | Municipal Budget | NFIP  Floodplain  Administrator with support  from PA DEP, PEMA, FEMA | Short-term | N/A |
| **9** | Obtain and archive elevation certificates for NFIP compliance. | 8 | Local plans  & Regulations | Flood | Low | 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. | 9 | 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. | 10 | Local plans  & Regulations | All Hazards | Medium | 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. | 11 | All  Categories | All Hazards | Medium | Low | Municipal Budget | Municipality with support from  surrounding  municipalities and County | Ongoing | New &  Existing |
| **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. | 12 | Education  & Awareness | All Hazards | Low | 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). | 13 | Education  & Awareness | All Hazards | Medium | Medium | Municipal  Budget,  FEMA HMA grant programs | Municipality with support  from County,  PEMA | Short-,  long-term (depending on funding) | N/A |

**Notes:**

***Estimated Costs:***

* Where actual project costs have been reasonable 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):***

* **BRIC =** Building Resilient Infrastructure andCommunities
* **FMA** = Flood Mitigation Assistance Grant Program
* **HMGP** = Hazard Mitigation Grant Program
* **HSGP** = Homeland Security Grant Program
* **EMPG** = Emergency Management Performance Grant

***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