**Tatamy Borough, Northampton County Annex**

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

|  |  |
| --- | --- |
| **Primary:** | **Alternate:** |
| Donald DeReamus  Emergency Management Coordinator  423 Broad Street, P.O. Box 218, Tatamy, PA 18085  610-972-2519  ddereamus@suburbanems.org | Mark A. Saginario  Borough Manager  423 Broad Street, P.O. Box 218, Tatamy, PA 18085  610-252-7123, Option #1  Borough.office@tatamypa.com |

**Municipal Profile**

Tatamy Borough is located in the central part of Northampton County. It encompasses an area of approximately 0.5 square miles and has a population of 1,203 (2020 Census). The Borough of Stockertown to the north; Forks Township to the east; and Palmer Township to the south, west, and north border the borough.

The Bushkill Creek runs along the borough’s eastern border.

Main Street is the borough’s major east-west road, travelling through the middle of the borough. 8th Street runs north-south in the western part of the borough. There are several other secondary roads parallel to each of these.

**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.

|  |  |
| --- | --- |
| Donald DeReamus, Emergency Management Coordinator  Role: EMC | Mark A. Saginario, Borough Manager  Role: Borough Manager |
| Suzanne Borzak, Zoning Officer  Role: Zoning Officer | Kim Albert, Fire Company President  Role: Fire Company President |
| Ryan McGinley, Public Works Supervisor  Role: Public Works Supervisor | Keith Snyder, Police Chief  Role: Police Chief |
| Shawn McDonald, Fire Company Chief  Role: Fire Company Chief | Robert Hayes, Council President  Role: Council President |
| James Pallante, Mayor  Role: Mayor | |

*\*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.

Will be informed of the Plan:

Equipto

Mondelez

Gerhart

Llantrisant Health & Wellness Center

Grist Mill House

Tatamy Food Mart & Service Center

Charles Chrin Co.

C.F. Martin & Co Inc.

Hope Lutheran Church

St. Peter’s UCC

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: Newsletters, Flyers, Website, Facebook, Twitter, Nixel

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 | Yes |
| Is floodplain management an auxiliary function? | Community FPA | Yes |
| Provide an explanation of NFIP administration services (e.g., permit review, GGIS, education or outreach, inspections, engineering capability) | Community FPA | Permit review, Inspections |
| What are the barriers to running an effective NFIP program in the community, if any? | Community FPA | N/A |
| **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)? |  | No |
| When was the most recent Community Assistance Visits (CAV) or Community Assistance Contact (CAC)? |  | N/A |
| Is a CAV or CAC scheduled or needed? |  | N/A |
| **3. Regulation** | | |
| When did the community enter the NFIP? | NFIP Community Status Book | April 12th, 1974 |
| Are the Flood Insurance Rate Maps (FIRMs) digital or paper?  How are residents assisted with mapping? | Community FPA | Both, they can be assisted by our Zoning Officer John Soloe. |
| Do floodplain regulations meet or exceed FEMA or State minimum requirements?  If so, in what ways? | Community FPA | Meet requirements |
| Describe the permitting process | Community FPA, State, FEMA NFIP | Per ordinance 262-2014 |
| **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 | N/A |
| 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 | N/A |
| How many structures are exposed to flood risk within the community? | Community FPA or GIS Analyst | 10 |
| 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 | No |
| 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.

Listed in our Emergency Management Operations Plan and residential list used by police department and fire company.

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

Car Show

Veg Stock

Fireworks

Borough Fall Fest

Borough Craft Fair

Borough events, sporting events, at Braden Park

1. **Economy**

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

Equipto

Mondelez

Raw Winery

Gerhart

Martin Guitar

Liantrisant Retreat and Wellness Center

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.

Along Bushkill Creek, east and west sides

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.

Equipto

2 locations on Main Street

8 locations on Bushkill Street

1 location on Broad Street

Half of homes were built before or around 1900.

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

Bushkill Creek

UGI

PPL

Met-Ed

SR 1001 & 2017

SR 33

Met-Ed Transmission Lines

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

1 location on Main Street

1 location on Bushkill Street

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

1 location on Broad Street

1 location on Bushkill Street

1 location on S. 8th Street

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

1 location on Broad Street

Braden Park

Broad Street Park

High Street Park

Mark Metz Park

Tatamy Bike Path

**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 | X | 2/7/23 |  |  |  |  |  |  |  |
| Capital Improvement Plan |  |  | X |  |  |  |  |  | Currently working on updates |
| Economic Development Plan |  |  |  |  |  |  |  |  |  |
| Continuity of Operations Plan |  |  |  |  |  |  |  |  |  |
| Stormwater Management Plan / Ordinance | X | 6/7/1993; amended in 2007 |  |  |  |  |  |  | Amended 5/7/2007 |
| Open Space Management Plan (or Parks/Rec., Greenways Plan) | X | 8/3/2015 |  |  |  |  |  |  |  |
| Natural Resource Protection Plan |  |  |  |  |  |  |  |  |  |
| Transportation Plan |  |  |  |  |  |  |  |  |  |
| Historic Preservation Plan |  |  |  |  |  |  |  |  |  |
| Floodplain Management Plan |  |  |  |  |  |  |  |  |  |
| Farmland Preservation |  |  |  |  |  |  |  |  |  |
| Evacuation Plan | X |  |  |  |  |  |  |  |  |
| Disaster Recovery Plan |  |  | X |  |  |  |  |  | Use PEMA/FEMA guidance |
| Hazard Mitigation Plan | X | 11/2018 |  |  |  |  | N/A |  |  |
| Emergency Operations Plan | X | 7/22 |  |  |  |  |  |  |  |
| Zoning Regulations | X | 1991 |  |  |  |  |  |  | Will start updates in 2022 |
| Floodplain Regulations | X |  |  |  |  |  |  |  | Uses LVPC, DCNR, NEPDES permitting process for new construction and land development |
| NFIP Participation | X |  |  |  |  |  |  |  |  |
| Building Code | X |  |  |  |  |  |  |  | Use keycodes, adopted UCC and property international maintenance code |
| Fire Code |  |  |  |  |  |  |  |  |  |
| Other | X |  |  |  |  |  |  |  | Substantial damage management plan |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **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 |  | Planning Commission, Zoning Officer, Engineer |  |  |  |
| Planners or engineers (with natural and / or human-caused hazards knowledge) | X |  | Hanover Engineer |  |  |  |
| Engineers or professionals trained in building and / or infrastructure construction practices (including building inspectors) | X |  | Hanover Engineer |  |  |  |
| Emergency Manager | X |  | Borough |  |  |  |
| Floodplain administrator / manager | X |  | Hanover Engineer |  |  |  |
| Land surveyors | X |  | Hanover Engineer |  |  |  |
| Staff familiar with the hazards of the community | X |  | Emergency Management Operations Plan |  |  |  |
| Personnel skilled in Geographical Information Systems (GIS) and / or FEMA’s HAZUS program | X |  | Hanover Engineer |  |  |  |
| Grant writers or fiscal staff to handle large / complex grants | X |  | Borough Manager |  |  |  |
| 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** |
| **3. Financial Resources** | Capital improvement programming |  |  |  |  |  | Applying for RCAP |
| Community Development Block Grants (CDBG) | X |  |  |  |  |  |
| Special purposes taxes |  |  |  |  |  |  |
| Gas / Electricity utility fees |  |  |  |  |  |  |
| Water / Sewer fees | X |  |  |  |  |  |
| Stormwater utility fees |  |  |  |  |  |  |
| Development impact fees |  |  |  |  |  |  |
| General obligation, revenue, and / or special tax bonds | X |  |  |  |  |  |
| Partnering arrangements or intergovernmental agreements |  |  |  |  |  |  |
| Other |  |  |  |  |  |  |
| **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 |  |  |  |  | Website, newsletters, 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. | X |  | Bushkill Stream Conservancy |  |  |  |
| 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 |  |  |  |  |
| Administrative and Technical | X |  |  |  |  |
| Financial | X |  |  |  |  |
| Education and Outreach | X |  |  |  |  |

**Known or Anticipated Future Development / Redevelopment**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Development /**  **Property Name** | **Type of Development** | **Number of Structures** | **Location** | **Known Hazard Zone** | **Description / Status** |
| Charles Chrin Company | Light Industrial, Business, Commercial | Not determined | All properties West of 8th Street |  | To be developed over the next 10 years |
| Tatamy Farms | Residential | 86 | North of Main Street,  East of Trisha Street |  | Building is complete |

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

|  |  |  |
| --- | --- | --- |
| **Type of Event and Date(s)** | **FEMA Disaster #**  **(if applicable)** | **Local Damage(s) or Loss(es)** |
| Snow Storm Jonas, 1/22/2016 | DR-4267-PA | Reimbursement for labor and equipment from PEMA |
| Pennsylvania COVID-19 Pandemic – 1/2020 | DR-4506-PA | Emergency Protective measures to combat COVID-19 Pandemic. |
| Tropical Storm Isaias – 8/2020 |  | Flooding to residents, businesses, and municipal parks |
| 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** | Possible relocation of Fire Dept., Police Dept., & Municipal Building. Fire Company is located in the flood zone. | X |  |  |  |  |  |
| **2** | Install silk matting along banks of Bushkill creek at Braden Park. |  |  | X |  |  |  |
| **3** | Signature Homes new plan give the Borough 6+ acres for recreation/bike path. |  | X |  |  |  | Working with County on bike path location |
| **4** | Enhance Geo-tech investigation for new developments. |  |  | X |  |  |  |
| **5** | Draft/send letters to 10 property owners in flood zone. |  |  | X |  |  |  |
| **6** | 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 |  |  |  |  |  |
| **7** | 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 |  |  |  |  |  |
| **8** | 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 |  | Action carried through to the 2023 Action Plan |
| **9** | 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 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 |  | Action carried through to the 2023 Action Plan |
| **10** | Begin and/or continue the process to adopt higher regulatory standards to manage flood risk (i.e. increased freeboard, cumulative substantial damage/improvements). | X |  |  |  |  |  |
| **11** | Determine if a Community Assistance Visit (CAV) or Community Assistance Contact (CAC) is needed, and schedule if needed. | X |  |  |  |  |  |
| **12** | 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 |  |  |  |  |  |
| **13** | Obtain and archive elevation certificates for NFIP compliance. |  |  | X |  |  |  |
| **14** | Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Section 7.0. |  |  | X |  |  |  |
| **15** | Complete the ongoing updates of the  Comprehensive Emergency Management Plans. |  |  | X |  |  |  |
| **16** | Create/enhance/maintain mutual aid agreements with neighboring communities for continuity of operations. |  |  | X |  |  |  |
| **17** | 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 |  |  |  |
| **18** | 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 |  |  |  |
| **19** | Adopt an updated parks, recreation and open space plan. |  |  | X |  |  |  |
| **20** | Coordinate with the County Emergency Management Agency and PA Department of Health, which is responsible for setting up points of distribution and providers for immunizations. |  |  | X |  |  |  |
| **21** | Devise an employee vaccination and immunization plan to prevent an outbreak within the municipal employee ranks. |  |  | X |  |  |  |
| **22** | Devise a municipal continuity of operations plan to keep essential services running in the event that a significant portion of the workforce is affected. |  |  | X |  |  |  |
| **23** | Devise a public education and outreach plan regarding disease prevention. |  |  | X |  |  |  |
| **24** | Provide education and outreach to residents regarding how to prevent the spread of invasive species, including quarantine procedures. |  |  | X |  |  |  |
| **25** | Develop a neighborhood cleanup plan designed to remove discarded tires, trash and other items in which standing water can form. |  |  | x |  |  |  |
| **26** | Provide training and education for first responders to ensure effective emergency care. |  |  | X |  |  |  |
| **27** | Provide education and outreach, especially in K-12, regarding drug abuse prevention. |  |  | X |  |  |  |
| **28** | Purchase and installation of permanent, alternative power source (IE: generator) at the municipal building. Municipal building houses the borough police department, municipal offices, and serves as the borough’s Emergency Operations Center (EOC) during times of need. |  |  | 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 Category 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** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | Possible relocation of Fire Dept., Police Dept., & Municipal Building. Fire Company is located in the flood zone. | 2 | Structure & Infrastructure | Flood | High | High | FEMA  Mitigation Grant  Programs;  Municipal  Budgets; other  grants as eligible (e.g.  EMPG) | Grant Committee | Long-term  (depending on funding) | Existing |
| **2** | Install silk matting along banks of Bushkill creek at Braden Park. | 20 | Natural Systems Protection | Flood | Medium | Medium | FEMA  Mitigation Grant  Programs;  Municipal  Budgets | Road Department | Ongoing | Existing |
| **3** | Signature Homes new plan give the Borough 6+ acres for recreation/bike path. | 14 | Structure & Infrastructure | Flood | Medium | High | Grants, builder funding, municipal | Planning Com. | Ongoing | N/A |
| **4** | Enhance Geo-tech investigation for new developments. | 27 | Local plans & Regulations | All hazards | High | Medium | Builder funded | Planning Com. | Ongoing | New |
| **5** | Draft/send letters to 10 property owners in flood zone. | 4 | Structure & Infrastructure | Flood | High | Low | Municipal Budget | Municipality | Ongoing | Existing |
| **6** | 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. | 1 | 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 |
| **7** | 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 |
| **8** | 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,  Windstorm/  Tornado,  Winter  Storm | High | Low -  Medium | Municipal Budget | Municipality  (via Municipal  Engineer/NFIP Floodplain  Administrator) with support from PEMA,  ISO FEMA | Ongoing | New &  Existing |
| **9** | 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 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. | 4 | Education  & Awareness | All Hazards | High | Low-  Medium | Municipal Budget | Municipality with support  from Planning Partners,  PEMA, FEMA | Short-term | N/A |
| **10** | Begin and/or continue the process to adopt higher regulatory standards to manage flood risk (i.e. increased freeboard, cumulative substantial damage/improvements). | 5 | Local plans  & Regulations | Flood | High | Low | Municipal Budget | Municipal Engineer/NFIP Floodplain  Admin. w/ support from PEMA, FEMA | Short-term | New &  Existing |
| **11** | 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 |
| **12** | 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 |
| **13** | Obtain and archive elevation certificates for NFIP compliance. | 8 | Local plans  & Regulations | Flood | Low | Low | Municipal Budget | NFIP Floodplain  Administrator | Ongoing | N/A |
| **14** | 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 |
| **15** | 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 |
| **16** | 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 |
| **17** | 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 |
| **18** | 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 and  HLS grant programs | Municipality with support  from County,  PEMA | Short-, long-term (depending on funding) | N/A |
| **19** | Adopt an updated parks, recreation and open space plan. | 27 | Local plans  & Regulations | Flood,  Subsidence/ Sinkhole | High | Various | Municipal Budget | Recreation Board | Long-term, ongoing | N/A |
| **20** | Coordinate with the County Emergency Management Agency and PA Department of Health, which is responsible for setting up points of distribution and providers for immunizations. | 11 | Local plans  & Regulations | Pandemic and  Infectious  Disease | Medium | Low | Municipal Budget | Municipality, working with  County EMA and PA  Department of Health | Ongoing | N/A |
| **21** | Devise an employee vaccination and immunization plan to prevent an outbreak within the municipal employee ranks. | 27 | Local plans  & Regulations | Pandemic and  Infectious  Disease | High | Low | Municipal Budget | Municipality | Short-term | N/A |
| **22** | Devise a municipal continuity of operations plan to keep essential services running in the event that a significant portion of the workforce is affected. | 11 | Local plans  & Regulations | Pandemic and  Infectious  Disease | Medium | Low | Municipal Budget | Municipality | Short-term | N/A |
| **23** | Devise a public education and outreach plan regarding disease prevention. | 27 | Education  & Awareness | Pandemic &  Infectious  Disease | High | Low | Municipal Budget | Municipality | Ongoing | N/A |
| **24** | Provide education and outreach to residents regarding how to prevent the spread of invasive species, including quarantine procedures. | 27 | Education  & Awareness | Invasive Species | High | Low | Municipal Budget | Municipality | Ongoing | N/A |
| **25** | Develop a neighborhood cleanup plan designed to remove discarded tires, trash and other items in which standing water can form. | 27 | Education  & Awareness | Invasive Species | High | Low | Municipal Budget | Municipality | Short-term | N/A |
| **26** | Provide training and education for first responders to ensure effective emergency care. | 27 | Local plans  & Regulations | Drug  Overdose  Crisis | High | Low | Municipal Budget | Municipality | Ongoing | N/A |
| **27** | Provide education and outreach, especially in K-12, regarding drug abuse prevention. | 27 | Education  & Awareness | Drug  Overdose  Crisis | High | Low | Municipal Budget | Municipality/ School District | Ongoing | N/A |
| **28** | Purchase and installation of permanent, alternative power source (IE: generator) at the municipal building. Municipal building houses the borough police department, municipal offices, and serves as the borough’s Emergency Operations Center (EOC) during times of need. | 17 | Structure & Infrastructure | All Hazard | High | Medium – High | FEMA Mitigation Grant Programs, Municipal Budget | Municipality with support from Local EM | Short Term | Existing Structures |

**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