**Slatington Borough, Lehigh County Annex**

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

|  |  |
| --- | --- |
| **Primary:** | **Alternate:** |
| Ronald HausmanEmergency Management Coordinator125 S. Walnut Street, Slatington, PA 18080610-597-7351General413@lycos.com | Robert RephFire Chief322 South Lincoln Avenue, Walnutport, PA 18088484-866-2364rreph@slatingtonfire.org |

**Municipal Profile**

Slatington Borough is located in the northeast corner of Lehigh County within Washington Township, sharing its eastern border with Walnutport Borough (Northampton County). It covers an area of 1.4 square miles and has a population of 4,283 (2020 Census). Slatington Borough is bordered on the north, west, and south by Washington Township and on the northeast by Lehigh Township (Northampton County).

The Lehigh River forms the eastern boundary of Slatington Borough, separating it from Northampton County. The borough is drained primarily by Trout Creek, which flows easterly through the borough and empties into the Lehigh River in southeast Slatington.

Slatington Borough is bisected by Route 873, running north-south except for a brief east-west portion in the center of the borough, where the road merges temporarily with Main Street. Main Street is the primary east-west corridor through the borough. Coming from Diamond Street in Northampton County in the east, once the roadway crosses the Lehigh River, it becomes Main Street and continues west and merges with Route 873, with which the roadway makes a 90 degree turn south and continues southward through the borough. Where Main Street turns south, Church Street is a main local street continuing west through the borough and into Washington Township. The borough is also served by the Slatington Airport, a one-runway airport nestled in the northeast of the borough between Route 873 and the Lehigh River and serving small private and commercial.

**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.

|  |  |
| --- | --- |
| Ronald Hausman, Emergency Management CoordinatorRole: Primary contact and expertise | Robert Reph, Fire ChiefRole: Secondary contact and expertise |
| Greg Winokur, Police ChiefRole: Police | Lehigh Engineering, Borough EngineerRole: Infrastructure expertise |

*\*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.

Local business leaders

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: Borough newsletters, website, and RAVE program

 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 | No |
| Provide an explanation of NFIP administration services (e.g., permit review, GGIS, education or outreach, inspections, engineering capability) | Community FPA | N/A |
| 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)? |  | No |
| Is a CAV or CAC scheduled or needed? |  | No |
| **3. Regulation** |
| When did the community enter the NFIP? | NFIP Community Status Book | N/A |
| Are the Flood Insurance Rate Maps (FIRMs) digital or paper? How are residents assisted with mapping? | Community FPA | N/A |
| Do floodplain regulations meet or exceed FEMA or State minimum requirements? If so, in what ways? | Community FPA | N/A |
| Describe the permitting process | Community FPA, State, FEMA NFIP | N/A |
| **4. Insurance Summary** |
| How many NFIP policies are in the community?What is the total premium and coverage? | State NFIP Coordinator orFEMA NFIP Specialist | 2 |
| 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 | None |
| How many structures are exposed to flood risk within the community? | Community FPA or GIS Analyst | N/A |
| 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.

Mountain View Apartments (senior apartments)

George Dillard Manor (senior apartments)

Eastern Comfort (assisted living)

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

 Slatington High School

 Slatington Middle School

 Slatington Elementary School

 Saint John Neumann School

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

 Rentschler Autos

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.

 Wetlands along the Lehigh River and Trout Creek

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.

Twin homes built around 1900 with a common wall, no firewall, and a small distance between each pair of twins

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

Gas pipeline

Slatington Filtration Plant (water)

Slatington Wastewater Treatment Plant

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

N/A

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

Slatington Police Station

Slatington Airport

Slatington Middle School

Saint John Neumann School

Slatington Fire Department

Slatington High School

Slatington Elementary

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

 Victory Park

Slatington Memorial Park

Slate Heritage Trail

Slatington High School Stadium

Slatington Trailhead

**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 | 2022 |  | Borough |  |  |  |  |  |
| Capital Improvement Plan |  |  |  |  |  |  |  |  |  |
| Economic Development Plan |  |  |  |  |  |  |  |  |  |
| Continuity of Operations Plan | X |  |  |  |  |  |  |  |  |
| Stormwater Management Plan / Ordinance | X |  |  | Borough |  |  |  |  |  |
| Open Space Management Plan (or Parks/Rec., Greenways Plan) | X |  |  | Parks & Recreation Commission |  |  |  |  |  |
| Natural Resource Protection Plan |  |  |  |  |  |  |  |  |  |
| Transportation Plan |  |  |  |  |  |  |  |  |  |
| Historic Preservation Plan | X |  |  | Historical Society |  |  |  |  |  |
| Floodplain Management Plan | X |  |  | Lehigh County |  |  |  |  |  |
| Farmland Preservation | X |  |  | State |  |  |  |  |  |
| Evacuation Plan | X |  |  | Borough EMA |  |  |  |  |  |
| Disaster Recovery Plan | X |  |  | Borough EMA |  |  |  |  |  |
| Hazard Mitigation Plan | X | 2018 |  | County and Borough EMA |  |  | N/A |  |  |
| Emergency Operations Plan | X | 1/1/22 |  | Borough EMA |  |  |  |  |  |
| Zoning Regulations | X |  |  | Zoning Board |  |  |  |  |  |
| Floodplain Regulations | X |  |  |  |  |  |  |  |  |
| NFIP Participation | X |  |  |  |  |  |  |  |  |
| Building Code | X |  |  | Zoning Board |  |  |  |  |  |
| Fire Code | X |  |  | Zoning Board |  |  |  |  |  |
| 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 |  | Zoning Board | No |  |  |
| Planners or engineers (with natural and / or human-caused hazards knowledge) | X |  | Lehigh Engineering | No |  |  |
| Engineers or professionals trained in building and / or infrastructure construction practices (including building inspectors) | X |  | Lehigh Engineering | No |  |  |
| Emergency Manager | X |  | Emergency ManagementDirector | No |  |  |
| Floodplain administrator / manager | X |  | TBD | No |  |  |
| Land surveyors |  |  |  | No |  |  |
| Staff familiar with the hazards of the community |  |  |  | No |  |  |
| Personnel skilled in Geographical Information Systems (GIS) and / or FEMA’s HAZUS program |  |  |  | No |  |  |
| Grant writers or fiscal staff to handle large / complex grants |  |  |  | No |  |  |
| Other |  |  |  |  |  |  |
| **3. Financial Resources** | Capital improvement programming |  |  |  | No |  |  |
| Community Development Block Grants (CDBG) | X |  | Borough Council | No |  |  |
| Special purposes taxes | X |  | Tax Collector | No |  |  |
| Gas / Electricity utility fees |  |  |  | No |  |  |
| Water / Sewer fees | X |  | Sewer Authority | No |  |  |
| Stormwater utility fees |  |  |  | No |  |  |
| Development impact fees |  |  |  | No |  |  |
| General obligation, revenue, and / or special tax bonds | X |  | Borough Council | No |  |  |
| Partnering arrangements or intergovernmental agreements | X |  | Borough Council | No |  |  |
| 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 |  |  |  | No |  |  |
| StormReady Certification | X |  | Lehigh County | No |  |  |
| 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, CCR, MS4 | No |  |  |
| Public-private partnership initiatives addressing disaster related issues.  |  |  |  | No |  |  |
| Local citizen groups or non-profit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.  |  |  |  | No |  |  |
| 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 |  |
| Administrative and Technical |  | X |  | No |  |
| Financial | X |  |  | No |  |
| Education and Outreach | X |  |  | No |  |

**Known or Anticipated Future Development / Redevelopment**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Development /** **Property Name** | **Type of Development** | **Number of Structures** | **Location** | **Known Hazard Zone** | **Description / Status** |
| N/A |  |  |  |  |  |

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

|  |  |  |
| --- | --- | --- |
| **Type of Event and Date(s)** | **FEMA Disaster #****(if applicable)** | **Local Damage(s) or Loss(es)** |
| Wind Shear, 4/16/15 | N/A | Trees down on east side of town, Park Avenue, Victory Park, 1st Street, D&L Trail; estimate $5,000 |
| Wind Shear, 2/26/17 | N/A | Multiple properties damaged, 2 witnesses saw a funnel; estimate $80,000 |
| Wind Storm, 3/2/18 & 3/4/2018 | N/A | 60 mph winds, multiple trees down, vehicles damaged; estimate $30,000 |
| Pennsylvania COVID-19 Pandemic – 1/2020 | DR-4506-PA | Emergency Protective measures to combat COVID-19 Pandemic. |
| Tropical Storm Isaias – 8/4/2020 | N/A | Slatington had significant flooding along Trout Creek. The Lehigh County Housing units at 7th Street Village had to be evacuated due to flooding in multiple residence. Damage to the Slate Heritage Trail and Public Facilities. |
| Tornado – 2022 | N/A | EF0 Tornado determined by NWS minor to moderate damage estimate $500,000 in damages |

**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** | Maintenance of vehicles and equipment to handle emergency responses. |  |  | X |  |  |  |
| **2** | Work with local electric utilities to improve primary and secondary line clearing. |  |  | X |  |  |  |
| **3** | Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Section 7.0. |  |  | X |  |  |  |
| **4** | Complete the ongoing updates of theComprehensive Emergency Management Plans. |  |  | X |  |  |  |
| **5** | 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** | **Regional 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** | Maintenance of vehicles and equipment to handle emergency responses. | 19 | Structure & Infrastructure | All | High | Medium | MunicipalBudget;AvailablePublicProtection andEmergencyServicesGrantPrograms | Municipal | Ongoing | N/A |
| **2** | Work with local electric utilities to improve primary and secondary line clearing. | 21 | Structure & Infrastructure | Windstorm/Tornado,Winter Storm, UtilityInterruption | High | Medium | Municipal Budget | Municipal | Short-term | Existing |
| **3** | Continue to support the implementation, monitoring, maintenance, and updating of this Plan, as defined in Section 7.0. | 9 | AllCategories | All Hazards | High | Low – High (for5-year update) | Local Budget, possiblyFEMAMitigationGrantFunding for 5-year update | Municipality(via mitigation planningpoint ofcontacts) withsupport fromPlanningPartners(through their Points ofContact),PEMA | Ongoing | New &Existing |
| **4** | Complete the ongoing updates of theComprehensive Emergency Management Plans. | 10 | Local plans & Regulations | All Hazards | High | Low | Local Budget | Municipality with support from PEMA | Ongoing | New &Existing |
| **5** | 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 | Local budget,FEMAHMA grant programs | Municipality with supportfrom 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