**Alburtis Borough, Lehigh County Annex**

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

|  |  |
| --- | --- |
| **Primary:** | **Alternate:** |
| Stephen Nemeth  Borough Manager  260 Franklin Street, P.O. Box 435, Alburtis, PA 18011  610-966-4777  snemeth@alburtis.org | Tracy Malinowski  Treasurer  260 Franklin Street, P.O. Box 435, Alburtis, PA 18011  610-966-4777  tracym@alburtis.org |

**Municipal Profile**

Alburtis Borough is located in the southwestern part of Lehigh County. It encompasses an area of 0.7 square miles and has a population of 2,596 (2020 Census). The borough is located within the boundaries of Lower Macungie Township, which borders Berks County to the southwest; Upper Milford Township to the south; Salisbury Township and South Whitehall Township to the east and northeast; and Upper Macungie Township to the northwest. Macungie Borough is also located within Lower Macungie Township, just east of Alburtis Borough.

The Swabia Creek, a tributary of the Little Lehigh Creek runs through Berks and Lehigh Counties and traverses the borough. Swabia Creek runs north to Alburtis through Lock Ridge Park, and then turns east, running roughly parallel to the Norfolk Southern Rail tracks.

Alburtis Road, an eastward extension of Longswamp Road in Lower Macungie Township, is the primary east-west route through the borough. Alburtis Road generally parallels the Norfolk Southern Rail throughout the borough, running south of tracks in the western part of the borough, and crosses the tracks when Alburtis Road splits north and Front Street continues east. Local Route 39023 runs north south through the borough, becoming SR 3001 / Franklin Street as it proceeds south through the Borough. The Norfolk Southern Rail line still actively runs through the borough several times a day.

**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.

|  |  |
| --- | --- |
| Matthew Trexler, Emergency Management Coordinator  Role: Emergency Management Agency | Chief Tony Alsleben, Police Chief  Role: Police Chief |
| Stephen Nemeth, Borough Manager  Role: Borough Manager | Chief, Dave Nosal, Fire Chief  Role: Fire Chief |
| Ron Delaco, Council President  Role: Council President | Ryan Trexler, Deputy Fire Chief  Role: Fire |
| Kathleen Palmer, Mayor  Role: Mayor | Jeff Ott, Ott Consulting  Role: Engineer |
| Tracy Malinowski, Treasurer  Role: Treasurer | |

*\*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.

None

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, social media, getrave.com

Past: Newsletters, social media, SWIFT 911 Notifications

**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 | No |
| 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 | Floodplain Management is enforced through the permitting process with the Zoning Ordinance: Article 10, Section 21, 1001-1004 Flood Plain and Environmental Protection Areas. The Flood Plain Conservation Area is an overlay district. |
| What are the barriers to running an effective NFIP program in the community, if any? | Community FPA | Funding |
| **2. Compliance History** | | |
| Is the community in good standing with the NFIP? | State NFIP Coordinator, FEMA NFIP Specialist, or community records | Community does not participate in the NFIP. |
| 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)? |  | Not known. |
| 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 | Paper FIRMs / Zoning Officer provides zoning assessment service through the borough for determination of floodplain prone properties. |
| Do floodplain regulations meet or exceed FEMA or State minimum requirements?  If so, in what ways? | Community FPA | MEETS, Borough is required by state to adopt floodplain regulations that comply with FEMA regulations. |
| Describe the permitting process | Community FPA, State, FEMA NFIP | Zoning Officer makes determination if property is in Flood Plain Area. This may involve further review involving the Borough Engineer for final approvals. |
| **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 | 0 |
| 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 | 0 |
| How many structures are exposed to flood risk within the community? | Community FPA or GIS Analyst | 2 |
| 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.

None

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

Alburtis Elementary School, Alburtis Fire Department and Alburtis Community Center

1. **Economy**

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

Main Street Downtown Businesses

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.

None

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.

None

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

Sewer Interceptor

Norfolk Southern Railroad

Well houses with chlorine for water supply

UGI Gas

PPL Electric

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

Well houses with chlorine for our water supply

Sewer interceptor

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

|  |  |
| --- | --- |
| Alburtis Police Department | Alburtis Fire Department |
| Alburtis Borough Hall | Alburtis Elementary School |

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

Lockridge Historical Church

Lehigh County’s Lock Ridge Park

Alburtis Mountain Road Tract (bird sanctuary)

**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 | 10/2017 |  | Borough Manager | |  | | |  | |  | |  | |  |
| Capital Improvement Plan |  |  |  |  | |  | | |  | |  | |  | |  |
| Economic Development Plan | X |  |  | Borough Manager | |  | | |  | |  | |  | |  |
| Continuity of Operations Plan |  |  |  |  | |  | | |  | |  | |  | |  |
| Stormwater Management Plan / Ordinance | X |  |  |  | |  | | |  | |  | |  | |  |
| Open Space Management Plan (or Parks/Rec., Greenways Plan) |  |  |  |  | |  | | |  | |  | |  | |  |
| Natural Resource Protection Plan |  |  |  |  | |  | | |  | |  | |  | |  |
| Transportation Plan |  |  |  |  | |  | | |  | |  | |  | |  |
| Historic Preservation Plan | X |  |  |  | |  | | |  | |  | |  | |  |
| Floodplain Management Plan |  |  |  |  | |  | | |  | |  | |  | |  |
| Farmland Preservation |  |  |  |  | |  | | |  | |  | |  | |  |
| Evacuation Plan |  |  |  |  | |  | | |  | |  | |  | |  |
| Disaster Recovery Plan |  |  |  |  | |  | | |  | |  | |  | |  |
| Hazard Mitigation Plan | X | 2018 |  | Borough | |  | | |  | | N/A | |  | |  |
| Emergency Operations Plan | X |  |  | Emergency  Management Agency | |  | | |  | |  | |  | |  |
| Zoning Regulations | X | 7/2012 |  | Zoning Officer | |  | | |  | |  | |  | |  |
| Floodplain Regulations | X |  |  | Zoning Officer | |  | | |  | |  | |  | |  |
| NFIP Participation |  |  |  |  | |  | | |  | |  | |  | |  |
| Building Code | X |  |  | Property Maintenance | |  | | |  | |  | |  | |  |
| Fire Code |  |  |  |  | |  | | |  | |  | |  | |  |
| 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 | |  | Planning Commission | |  | |  | |  | |
| Planners or engineers (with natural and / or human-caused hazards knowledge) | | | | | X | |  | Emergency Manager | |  | |  | |  | |
| Engineers or professionals trained in building and / or infrastructure construction practices (including building inspectors) | | | | | X | |  | Codes Enforcement | |  | |  | |  | |
| Emergency Manager | | | | | X | |  | Emergency  Management Agency | |  | |  | |  | |
| Floodplain administrator / manager | | | | | X | |  | Zoning | |  | |  | |  | |
| Land surveyors | | | | | X | |  | Engineering | | + | |  | |  | |
| Staff familiar with the hazards of the community | | | | | X | |  | Emergency Management Agency | |  | |  | |  | |
| Personnel skilled in Geographical Information Systems (GIS) and / or FEMA’s HAZUS program | | | | | X | |  | Zoning | |  | |  | |  | |
| Grant writers or fiscal staff to handle large / complex grants | | | | | X | |  | Borough Manager | |  | |  | |  | |
| Other | | | | | X | |  | Public Works Director, Code Official, Zoning Officer | |  | |  | |  | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **3. Financial Resources** | Capital improvement programming |  |  |  |  |  |  |
| Community Development Block Grants (CDBG) | X |  | Borough Manager |  |  |  |
| Special purposes taxes | X |  | Fire Tax,  Alburtis Fire  Department | X |  |  |
| Gas / Electricity utility fees |  |  |  |  |  |  |
| Water / Sewer fees | X |  | Borough Manager |  |  |  |
| Stormwater utility fees |  |  |  |  |  |  |
| Development impact fees |  |  |  |  |  |  |
| General obligation, revenue, and / or special tax bonds |  |  |  |  |  |  |
| Partnering arrangements or intergovernmental agreements | X |  | Zoning | Yes |  | Lot #9 |
| Other |  |  |  |  |  |  |
| **4. Education & Outreach** | Firewise Communities Certification |  |  |  |  |  |  |
| StormReady Certification | X |  | Lehigh County |  |  |  |
| 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,  Alburtis Fire  Department |  |  |  |
| 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 |  |  |  |
| 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** |
| Lot #9 | Warehouses | 1 | Spring Creek Rd |  |  |
| Apartment Building | Residential | 8 | 315 E Stone Alley |  | Completed |
| Lot #85 & 86 | Light Industrial |  | Hills of Lockridge |  |  |
| Hills of Lockridge | Residential | 97 | Racite Road, Seip Road & Furnace Dr |  | Completed |

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

|  |  |  |
| --- | --- | --- |
| **Type of Event and Date(s)** | **FEMA Disaster #**  **(if applicable)** | **Local Damage(s) or Loss(es)** |
| Winter Storm Jonas – 1/2016 | DR-4267-PA | Snowstorm |
| Pennsylvania COVID-19 Pandemic – 1/2020 | DR-4506-PA | Emergency Protective measures to combat COVID-19 Pandemic. |

**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** | Maintain fleet of vehicles and equipment for emergency response. |  |  | X |  |  |  |
| **2** | Work with electric utility 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 the  Comprehensive 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 |  |  |  |
| **6** | 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 |  |  |  |
| **7** | 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 |  |  |  |  |  |
| **8** | Devise a public education and  outreach plan regarding disease  prevention. |  |  | X |  |  |  |
| **9** | Provide education and outreach to  residents regarding how to prevent the spread of invasive species, including quarantine procedures. |  |  | X |  |  |  |
| **10** | Provide training and education for  first responders to ensure effective emergency care. |  |  | X |  |  |  |
| **11** | Provide education and outreach,  especially in K-12, regarding drug  abuse prevention. |  |  | 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** | Maintain fleet of vehicles and equipment for emergency response. | 19 | Structure and  Infrastructure | All Hazards | High | Medium | Borough budget;  available public  protection &  emergency  services grant programs | Borough | Ongoing | N/A |
| **2** | Work with electric utility to improve primary and secondary line clearing. | 21 | Structure and  Infrastructure | Windstorm/  Tornado,  Winter  Storm,  Utility  Interruption | High | Medium | Borough Budget | Borough working with electric utilities | Short-term | Existing |
| **3** | 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) | Local 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 |
| **4** | Complete the ongoing updates of the  Comprehensive Emergency Management Plans. | 10 | Local Plans and  Regulations | All Hazards | Medium | 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 and  Awareness | All Hazards | Medium | Medium | Local budget,  FEMA  HMA grant programs | Municipality with support  from County,  PEMA | Short-,  long term (depending upon funding) | N/A |
| **6** | 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. | 10 | Education and  Awareness | Pandemic and  Infectious  Disease | Medium | Low | Municipal Budget | Municipality, working with  County EMA and PA  Department of Health | Ongoing | N/A |
| **7** | 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 and  Regulations | Pandemic and  Infectious  Disease | Medium | Low | Municipal Budget | Municipality | Short-term | N/A |
| **8** | Devise a public education and outreach plan regarding disease prevention. | 4 | Education and  Awareness | Pandemic and  Infectious  Disease | High | Low | Municipal Budget | Municipality | Ongoing | N/A |
| **9** | Provide education and outreach to residents regarding how to prevent the spread of invasive species, including quarantine procedures. | 27 | Education and  Awareness | Invasive Species | High | Low | Municipal Budget | Municipality | Ongoing | N/A |
| **10** | Provide training and education for first responders to ensure effective emergency care. | 23 | Education and  Awareness | Drug  Overdose  Crisis | High | Low | Municipal Budget | Municipality | Ongoing | N/A |
| **11** | Provide education and outreach, especially in K-12, regarding drug abuse prevention. | 27 | Education and  Awareness | Drug  Overdose  Crisis | High | Low | Municipal Budget | Municipality/ School District | Ongoing | 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