



9.38 Borough of Victory Gardens

This section presents the jurisdictional annex for the Borough of Victory Gardens.

9.38.1 Hazard Mitigation Plan Point of Contact

The following individuals have been identified as the hazard mitigation plan’s primary and alternate points of contact.

Primary Point of Contact	Alternate Point of Contact
Name: Mayor D. Holeman Address: 337 South Salem Street Phone: 973-366-5312	Name: Leon Hall, PE Address: 519 Ridgedale Ave, East Hanover Phone: 973-887-2270 E-mail: lhall@anderson-denzler.com

9.38.2 Municipal Profile

The Borough of Victory Gardens is the smallest community in Morris County, both in size and population. However, it is the most densely populated community. The Borough has a total area of 0.2 square miles. Victory Gardens, incorporated in 1951, is Morris County's smallest municipality, both in size and in population. Its history began in 1941, when the federal government purchased 91 acres in Randolph Township and constructed a 300-unit housing project for employees of the war industry. The federal government paid for streets, sewers and utility services. The streets of the Borough are named after United States Presidents. According to the U.S. Census, the 2010 population for the Borough of Victory Gardens was 1,520.

Growth/Development Trends

The Borough of Victory Gardens did not note any major residential or commercial development, or major infrastructure development planned for the next 5 years in the municipality.

9.38.3 Natural Hazard Event History Specific to the Municipality

Morris County has a history of natural and non-natural hazard events as detailed in Volume I, Section 5.0 of this plan. A summary of historical events is provided in each of the hazard profiles and includes a chronology of events that have affected the County and its municipalities. For the purpose of this plan update, events that have occurred in the County from 2008 to present were summarized to indicate the range and impact of hazard events in the community. Information regarding specific damages is included, if available, based on reference material or local sources. This information is presented in the table below. For details of these and additional events, refer to Volume I, Section 5.0 of this plan.

Table 9.38-1. Hazard Event History

Dates of Event	Event Type	FEMA Declaration # (If Applicable)	County Designated?	Summary of Damages/Losses
December 26-27, 2010	Severe Winter Storm and Snowstorm	DR-1954	Yes	Snow removal and salting of roadways. DPW overtime incurred
August 26 – September 5, 2011	Hurricane Irene	EM-3332 DR-4021	Yes Yes	Street flooding on Polk Ave, power outage for two days. DPW overtime incurred
October 26 – November 8, 2012	Hurricane Sandy	EM-3354 DR-4086	Yes Yes	Power outage for 14 days. Borough was shut down completely for the duration. Debris removal costs with DPW overtime incurred.



9.38.4 Hazard Vulnerabilities and Ranking

The hazard profiles in Section 5.0 of this plan have detailed information regarding each plan participant’s vulnerability to the identified hazards. The following summarizes the hazard vulnerabilities and their ranking in the Borough of Victory Gardens. For additional vulnerability information relevant to this jurisdiction, refer to Section 5.0.

Hazard Risk/Vulnerability Risk Ranking

The table below summarizes the hazard risk/vulnerability rankings of potential hazards for the Borough of Victory Gardens.

Table 9.38-2. Hazard Risk/Vulnerability Risk Ranking

Hazard type	Estimate of Potential Dollar Losses to Structures Vulnerable to the Hazard a, c	Probability of Occurrence	Risk Ranking Score (Probability x Impact)	Hazard Ranking b
Drought	Damage estimate not available	Frequent	27	Medium
Dam Failure	Damage estimate not available	Rare	6	Low
Earthquake	500-year MRP: \$71,094 2,500-year MRP: \$1,434,230	Occasional	24	Medium
Extreme Temperature	Damage estimate not available	Frequent	18	Medium
Flood	1% Annual Chance: \$0	Rare	6	Low
Geological Hazards	Exposed to Class A and Class B: \$0	Rare	6	Low
Severe Storm	100-Year MRP: \$42,646 500-year MRP: \$352,953 Annualized: \$3,289	Frequent	48	High
Winter Storm	1% GBS: \$1,388,409 5% GBS: \$6,942,043	Frequent	54	High
Wildfire	Estimated Value Exposed to Extreme, Very High and High: \$0	Rare	6	Low
Disease Outbreak	Damage estimate not available	Frequent	36	High
Hazardous Materials	Damage estimate not available	Frequent	36	High
Infestation	Damage estimate not available	Frequent	18	Medium

Notes:

- a. Building damage ratio estimates based on FEMA 386-2 (August 2001)
- b. The valuation of general building stock and loss estimates was based on custom inventory for the municipality.
High = Total hazard priority risk ranking score of 31 and above
Medium = Total hazard priority risk ranking of 20-30+
Low = Total hazard risk ranking below 20
- c. Loss estimates for the severe storm and severe winter storm hazards are structural values only and do not include the value of contents.
- d. Loss estimates for the flood and earthquake hazards represent both structure and contents.
- e. The HAZUS-MH earthquake model results are reported by Census Tract.



National Flood Insurance Program (NFIP) Summary

The following table summarizes the NFIP statistics for the Borough of Victory Gardens.

Table 9.38-3. NFIP Summary

Municipality	# Policies (1)	# Claims (Losses) (1)	Total Loss Payments (2)	# Rep. Loss Prop. (1)	# Severe Rep. Loss Prop. (1)	# Policies in 100-year Boundary (3)
Borough of Victory Gardens	0	0	\$0.00	0	0	0

Source: FEMA Region 2, 2014

(1) Policies, claims, repetitive loss and severe repetitive loss statistics provided by FEMA Region 2, and are current as of 9/30/2014.

Please note the total number of repetitive loss properties includes the severe repetitive loss properties. The number of claims represents claims closed by 9/30/14.

(2) Total building and content losses from the claims file provided by FEMA Region 2.

(3) The policies inside and outside of the flood zones is based on the latitude and longitude provided by FEMA Region 2 in the policy file.

Notes: FEMA noted that where there is more than one entry for a property, there may be more than one policy in force or more than one GIS possibility.

A zero percentage denotes less than 1/100th percentage and not zero damages or vulnerability as may be the case.

Number of policies and claims and claims total exclude properties located outside County boundary, based on provided latitude and longitude.

Critical Facilities

HAZUS-MH did not identify any critical facilities located within the one-percent or 0.2-percent annual chance flood areas for the Borough of Victory Gardens

Other Vulnerabilities Identified

The Borough has not identified any other areas of vulnerability within the community.

9.38.5 Capability Assessment

This section identifies the following capabilities of the local jurisdiction:

- Planning and regulatory capability
- Administrative and technical capability
- Fiscal capability
- Community classification
- National Flood Insurance Program
- Integration of Mitigation Planning into Existing and Future Planning Mechanisms



Planning and Regulatory Capability

The table below summarizes the regulatory tools that are available to the Borough of Victory Gardens.

Table 9.38-4. Planning and Regulatory Tools

Tool / Program (code, ordinance, plan)	Do you have this? (Yes/No) If Yes, date of adoption or update	Authority (local, county, state, federal)	Dept. /Agency Responsible	Code Citation and Comments (Code Chapter, name of plan, explanation of authority, etc.)
Planning Capability				
Master Plan	Yes	Local	Planning Board	1999
Capital Improvements Plan	Yes	Local	Finance Officer	2014 Included in annual budget
Floodplain Management / Basin Plan	No			
Stormwater Management Plan	No			
Open Space Plan	No			
Stream Corridor Management Plan	No			
Watershed Management or Protection Plan	No			
Economic Development Plan	No			
Comprehensive Emergency Management Plan	No			
Emergency Response Plan	Yes	Local	OEM	Emergency Operations Plan 2014
Post-Disaster Recovery Plan	No			
Transportation Plan	No			
Strategic Recovery Planning Report	No			
Other Plans:	N/A			
Regulatory Capability				
Building Code	Yes	State & Local		State Uniform Construction Code Act (N.J.S. 52:27D-119 et seq.)
Zoning Ordinance	Yes	Local	Zoning Officer	Chapter 23
Subdivision Ordinance	Yes	Local	Planning Board	Chapter 21
NFIP Flood Damage Prevention Ordinance	Yes	Federal, State, Local	NJDEP	
NFIP: Cumulative Substantial Damages	No			
NFIP: Freeboard	No			
Growth Management Ordinances	No			
Site Plan Review Requirements	Yes	Local	Planning Board	Chapter 21
Stormwater Management Ordinance	Yes	Local	Engineer	
Municipal Separate Storm Sewer System (MS4)	Yes	State	NJ DEP	
Natural Hazard Ordinance	No			



Tool / Program (code, ordinance, plan)	Do you have this? (Yes/No) If Yes, date of adoption or update	Authority (local, county, state, federal)	Dept. /Agency Responsible	Code Citation and Comments (Code Chapter, name of plan, explanation of authority, etc.)
Post-Disaster Recovery Ordinance	No			
Real Estate Disclosure Requirement	Yes	State	Division of Consumer Affairs	N.J.A.C. 13:45A-29.1
Other [Special Purpose Ordinances (i.e., sensitive areas, steep slope)]	N/A			

Administrative and Technical Capability

The table below summarizes potential staff and personnel resources available to the Borough of Victory Gardens.

Table 9.38-5. Administrative and Technical Capabilities

Resources	Is this in place? (Yes or No)	Department/ Agency/Position
Administrative Capability		
Planning Board	Yes	Combined with Land Use Board
Mitigation Planning Committee	No	
Environmental Board/Commission	No	
Open Space Board/Committee	No	
Economic Development Commission/Committee	No	
Maintenance Programs to Reduce Risk	Yes	Borough Engineer
Mutual Aid Agreements	Yes	Neighboring municipalities
Technical/Staffing Capability		
Planner(s) or Engineer(s) with knowledge of land development and land management practices	Yes	Borough Engineer and professional planner contractors
Engineer(s) or Professional(s) trained in construction practices related to buildings and/or infrastructure	Yes	Borough Engineer and professional planner contractors
Planners or engineers with an understanding of natural hazards	Yes	Borough Engineer and professional planner contractors
NFIP Floodplain Administrator	Yes	Leon Hall, Borough Engineer
Surveyor(s)	Yes	Contractors as needed
Personnel skilled or trained in GIS and/or Hazus-MH applications	Yes	Contractors as needed
Scientist familiar with natural hazards	No	
Emergency Manager	Yes	Mayor D. Holeman
Grant Writer(s)	Yes	Leon Hall, Borough Engineer
Staff with expertise or training in benefit/cost analysis	No	
Professionals trained in conducting damage assessments	Yes	Engineer, DPW and OEM



Fiscal Capability

The table below summarizes financial resources available to the Borough of Victory Gardens.

Table 9.38-6. Fiscal Capabilities

Financial Resources	Accessible or Eligible to Use (Yes/No/Don't Know)
Community development Block Grants (CDBG, CDBG-DR)	Yes
Capital Improvements Project Funding	Yes
Authority to Levy Taxes for specific purposes	Yes
User fees for water, sewer, gas or electric service	Yes, Borough Assessment
Impact Fees for homebuyers or developers of new development/homes	No
Stormwater Utility Fee	No
Incur debt through general obligation bonds	No
Incur debt through special tax bonds	No
Incur debt through private activity bonds	No
Withhold public expenditures in hazard-prone areas	No
Other Federal or State Funding Programs	NJ DOT, Morris County Community Development
Open Space Acquisition Funding Programs	No
Other	N/A

Community Classifications

The table below summarizes classifications for community program available to the Borough of Victory Gardens.

Table 9.38-7. Community Classifications

Program	Do you have this? (Yes/No)	Classification (if applicable)	Date Classified (if applicable)
Community Rating System (CRS)	No	N/A	N/A
Building Code Effectiveness Grading Schedule (BCEGS)	No	N/A	N/A
Public Protection (ISO Fire Protection Classes 1 to 10)	No	N/A	N/A
Storm Ready	No	N/A	N/A
Firewise	No	N/A	N/A
Disaster/Safety Programs in/for Schools	No	N/A	N/A
Organizations with Mitigation Focus (advocacy group, non-government)	No	N/A	N/A
Public Education Program/Outreach (through website, social media)	Yes	N/A	N/A
Public-Private Partnerships	No	N/A	N/A

N/A = Not applicable. NP = Not participating. - = Unavailable. TBD = To be determined.

The classifications listed above relate to the community’s ability to provide effective services to lessen its vulnerability to the hazards identified. These classifications can be viewed as a gauge of the community’s capabilities in all phases of emergency management (preparedness, response, recovery, and mitigation) and are used as an underwriting parameter for determining the costs of various forms of insurance. The CRS class applies to flood insurance while the BCEGS and Public Protection classifications apply to standard property insurance. CRS classifications range on a scale of 1 to 10 with class 1 being the best possible classification,





and class 10 representing no classification benefit. Firewise classifications include a higher classification when the subject property is located beyond 1,000 feet of a creditable fire hydrant and is within five road miles of a recognized Fire Station.

Criteria for classification credits are outlined in the following documents:

- The Community Rating System Coordinators Manual
- The Building Code Effectiveness Grading Schedule
- The ISO Mitigation online ISO’s Public Protection website at <http://www.isomitigation.com/ppc/0000/ppc0001.html>
- The National Weather Service Storm Ready website at <http://www.weather.gov/stormready/howto.htm>
- The National Firewise Communities website at <http://firewise.org/>

Self-Assessment of Capability

The table below provides an approximate measure of Victory Garden’s capability to work in a hazard-mitigation capacity and/or effectively implement hazard mitigation strategies to reduce hazard vulnerabilities.

Table 9.38-8. Self-Assessment Capability for the Municipality

Area	Degree of Hazard Mitigation Capability		
	Limited (If limited, what are your obstacles?)*	Moderate	High
Planning and Regulatory Capability		X	
Administrative and Technical Capability		X	
Fiscal Capability	X		
Community Political Capability		X	
Community Resiliency Capability			X
Capability to Integrate Mitigation into Municipal Processes and Activities.		X	

National Flood Insurance Program

NFIP Floodplain Administrator

Leon Hall, Borough Engineer is the Floodplain Administrator

Flood Vulnerability Summary

Flooding is not a major hazard for the Borough. The Borough does not maintain a list of properties that have been flood damaged. Hurricane Sandy damage included roof and structural damage due to fallen trees.

To date, the Township has not issued any substantial damage certificates for any structures.

Resources

The Township FPA is the sole person assuming the responsibilities of floodplain management, with no specific other support.

The NFIP administrative services include: Application development and review, GIS and CAD services and construction inspection of approved development to include floodplain mapping.



The Township would be interested in and support attending continuing education programs to build local floodplain management and mitigation capabilities, particularly if offered locally.

Compliance History

The Township currently is in compliance with the NFIP.

Regulatory

The Township's floodplain management and related regulations and ordinances meet Federal and State requirements. The Borough of Victory Gardens does not participate in the Community Rating System (CRS) program.

Integration of Hazard Mitigation into Existing and Future Planning Mechanisms

For a community to succeed in reducing long-term risk, hazard mitigation must be integrated into the day-to-day local government operations. As part of this planning effort, each community was surveyed to obtain a better understanding of their community's progress in plan integration. A summary is provided below. In addition, the community identified specific integration activities that will be incorporated into municipal procedures.

Planning

The Borough maintains a stormwater management plan and a stormwater management ordinance. The stormwater management documents were reviewed for this HMP update.

Regulatory and Enforcement

The Borough Engineer reviews development permits to ensure development does not occur on steep slopes or within a floodplain.

Operational and Administration

Risk management operations in the Borough consist of: Large Tree maintenance/removal program. Storm sewer inspection reference DEP permit – no outfalls;

Fiscal

Funding from the capital budget is dedicated for the removal of large trees that pose a threat to public safety, private property and infrastructure. Projects in this and future Hazard Mitigation Plans will be reviewed for inclusion in the capital budget.

Education and Outreach

The Borough issues an annual flyer encouraging residents to be knowledgeable of stormwater and sewer blockage due to leaves and other debris.



9.38.6 Mitigation Strategy and Prioritization

This section discusses past mitigations actions and status, describes proposed hazard mitigation initiatives, and prioritization.

Past Mitigation Initiative Status

The following table indicates progress on the community's mitigation strategy identified in the 2010 Plan. Actions that are carried forward as part of this plan update are included in the following subsection in its own table with prioritization. Previous actions that are now on-going programs and capabilities are indicated as such in the following table and may also be found under 'Capability Assessment' presented previously in this annex.



Table 9.38-9. Past Mitigation Initiative Status

2010 Mitigation Action	Lead	Status (In progress, No progress, Complete)	Describe Status <ul style="list-style-type: none"> Please describe what was accomplished and indicate % complete. If there was no progress, indicate what obstacles/delays encountered? If there was progress, how is/was the action being funded (e.g., FEMA HMGP grant, local budget)? 	Next Step (Include in 2015 HMP or Discontinue)	Describe Next Step <ul style="list-style-type: none"> If including action in 2015 HMP, revise/reword to be more specific (as appropriate). If discontinuing, explain why.
Victory Gardens 1: Backup power for Municipal Building/DPW (Data Storage/EOC) located on Salem Street.	Borough Administrator	In Progress	Presentation was made to Community Development in Morristown regarding the generator project. No funding secured at this time	Include in 2015 HMP	Awaiting response from Community Development in regards to a HUD waiver to approve the funding. Once funding is approved, bids will be solicited
Victory Gardens 2: Backup power for Victory Gardens Fire Station on Washington Avenue.	Borough Administrator	No Progress	No funding secured	Include in 2015 HMP	This action will be modified to purchase a 30KW generator to power overhead doors and the vehicle exhaust disconnect system
Victory Gardens 3: Storm-water culvert upgrade and improvement along Franklin Road.	Borough Administrator	N/A	N/A	Discontinue	Discussion with Engineer and OEM have decided to remove this action due to no knowledge of issues with this culvert
Victory Gardens 4: Develop all-hazards public education and outreach program for hazard mitigation and preparedness.	Local and County OEM	In Progress	Presentations are being made at Council meeting in February 2015 to create a Borough Website	Include in 2015 HMP	Await approval for website and develop flyers for public distribution



Completed Mitigation Initiatives not Identified in the Previous Mitigation Strategy

- None noted

Proposed Hazard Mitigation Initiatives for the Plan Update

The Borough of Victory Gardens participated in a mitigation action workshop in January 2015 and was provided the following FEMA publications to use as a resource as part of their comprehensive review of all possible activities and mitigation measures to address their hazards: FEMA 551 ‘Selecting Appropriate Mitigation Measures for Floodprone Structures’ (March 2007) and FEMA ‘Mitigation Ideas – A Resource for Reducing Risk to Natural Hazards’ (January 2013).

Table 9.38-10 summarizes the comprehensive-range of specific mitigation initiatives the Borough of Victory Gardens would like to pursue in the future to reduce the effects of hazards. Some of these initiatives may be previous actions carried forward for this plan update. These initiatives are dependent upon available funding (grants and local match availability) and may be modified or omitted at any time based on the occurrence of new hazard events and changes in municipal priorities. Both the four FEMA mitigation action categories and the six CRS mitigation action categories are listed in the table below to further demonstrate the wide-range of activities and mitigation measures selected.

As discussed in Section 6, 14 evaluation/prioritization criteria are used to complete the prioritization of mitigation initiatives. For each new mitigation action, a numeric rank is assigned (-1, 0, or 1) for each of the 14 evaluation criteria to assist with prioritizing your actions as ‘High’, ‘Medium’, or ‘Low.’ The table below summarizes the evaluation of each mitigation initiative, listed by Action Number.

Table 9.38-11 provides a summary of the prioritization of all proposed mitigation initiatives for the Plan update.



Table 9.38-10. Proposed Hazard Mitigation Initiatives

Initiative	Mitigation Initiative	Applies to New and/or Existing Structures*	Hazard(s) Mitigated	Goals and Objectives Met	Lead and Support Agencies	Estimated Benefits	Estimated Cost	Sources of Funding	Timeline	Priority	Mitigation Category	CRS Category
BVG-1 OLD	Backup power for Municipal Building/DPW (Data Storage/EOC) located on Salem Street.	Existing	All	G-3	Engineering Mayor	High	Medium	HMGP	Short Term DOF	High	SIP	ES
BVG-2 OLD	Purchase a 30KW generator to power overhead doors and the vehicle exhaust disconnect system at Washington Ave. Fire Station	Existing	All	G-3	Engineering Mayor	Medium	Medium	HMA grants, Homeland Security	Short Term DOF	High	SIP	ES
BVG-3 OLD	Develop all-hazards public education and outreach program for hazard mitigation and preparedness.	N/A	All	G-1	Mayor	High	Low	Municipal Budget	Short Term	Medium	EAP	PE
BVG-4	Incorporate natural hazard risk/mitigation into the next master plan update.	N/A	All	G-2	Mayor, Planning Board	Medium	Low	Municipal Budget	Short Term	Medium	LPR	PR
BVG-5	Include hazard mitigation project funding in the Capital Improvement Budget	N/A	All	G-2	Mayor, Planning Board	Medium	Low	Municipal Budget	Short Term	Medium	LPR	PR

Notes:

Not all acronyms and abbreviations defined below are included in the table.

*Does this mitigation initiative reduce the effects of hazards on new and/or existing buildings and/or infrastructure? Not applicable (N/A) is inserted if this does not apply.

Acronyms and Abbreviations:

CAV Community Assistance Visit

CRS Community Rating System

DPW Department of Public Works

FEMA Federal Emergency Management Agency

FPA Floodplain Administrator

HMA Hazard Mitigation Assistance

N/A Not applicable

NFIP National Flood Insurance Program

NJDEP New Jersey Department of Environmental Protection

NJOEM New Jersey Office of Emergency Management

OEM Office of Emergency Management





Potential FEMA HMA Funding Sources:

FMA	Flood Mitigation Assistance Grant Program
HMGP	Hazard Mitigation Grant Program
PDM	Pre-Disaster Mitigation Grant Program
RFC	Repetitive Flood Claims Grant Program
SRL	Severe Repetitive Loss Grant Program

Timeline:

Short	1 to 5 years
Long Term	5 years or greater
OG	On-going program
DOF	Depending on funding

Costs:

Where actual project costs have been reasonably estimated:

Low	< \$10,000
Medium	\$10,000 to \$100,000
High	> \$100,000

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

Low	Possible to fund under existing budget. Project is part of, or can be part of an existing on-going program.
Medium	Could budget for under existing work plan, but would require a reapportionment of the budget or a budget amendment, or the cost of the project would have to be spread over multiple years.
High	Would require an increase in revenue via an alternative source (i.e., bonds, grants, fee increases) to implement. Existing funding levels are not adequate to cover the costs of the proposed project.

Benefits:

Where possible, an estimate of project benefits (per FEMA's benefit calculation methodology) has been evaluated against the project costs, and is presented as:

Low=	< \$10,000
Medium	\$10,000 to \$100,000
High	> \$100,000

Where numerical project benefits cannot reasonably be established at this time:

Low	Long-term benefits of the project are difficult to quantify in the short term.
Medium	Project will have a long-term impact on the reduction of risk exposure to life and property, or project will provide an immediate reduction in the risk exposure to property.
High	Project will have an immediate impact on the reduction of risk exposure to life and property.

Mitigation Category:

- Local Plans and Regulations (LPR) – These actions include government authorities, policies or codes that influence the way land and buildings are being developed and built.
- Structure and Infrastructure Project (SIP)- These actions involve modifying existing structures and infrastructure to protect them from a hazard or remove them from a hazard area. This could apply to public or private structures as well as critical facilities and infrastructure. This type of action also involves projects to construct manmade structures to reduce the impact of hazards.
- Natural Systems Protection (NSP) – These are actions that minimize damage and losses, and also preserve or restore the functions of natural systems.
- Education and Awareness Programs (EAP) – These are actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. These actions may also include participation in national programs, such as StormReady and Firewise Communities

CRS Category:

- Preventative Measures (PR) - Government, administrative or regulatory actions, or processes that influence the way land and buildings are developed and built. Examples include planning and zoning, floodplain local laws, capital improvement programs, open space preservation, and storm water management regulations.
- Property Protection (PP) - These actions include public activities to reduce hazard losses or actions that involve (1) modification of existing buildings or structures to protect them from a hazard or (2) removal of the structures from the hazard area. Examples include acquisition, elevation, relocation, structural retrofits, storm shutters, and shatter-resistant glass.
- Public Information (PI) - Actions to inform and educate citizens, elected officials, and property owners about hazards and potential ways to mitigate them. Such actions include outreach projects, real estate disclosure, hazard information centers, and educational programs for school-age children and adults.





- *Natural Resource Protection (NR) - Actions that minimize hazard loss and also preserve or restore the functions of natural systems. These actions include sediment and erosion control, stream corridor restoration, watershed management, forest and vegetation management, and wetland restoration and preservation.*
- *Structural Flood Control Projects (SP) - Actions that involve the construction of structures to reduce the impact of a hazard. Such structures include dams, setback levees, floodwalls, retaining walls, and safe rooms.*
- *Emergency Services (ES) - Actions that protect people and property during and immediately following a disaster or hazard event. Services include warning systems, emergency response services, and the protection of essential facilities*



Table 9.38-11. Summary of Prioritization of Actions

Mitigation Action/Project Number	Mitigation Action/Initiative	Life Safety	Property Protection	Cost-Effectiveness	Technical	Political	Legal	Fiscal	Environmental	Social	Administrative	Multi-Hazard	Timeline	Agency Champion	Other Community Objectives	Total	High / Medium / Low
BVG-1 OLD	Backup power for Municipal Building/DPW (Data Storage/EOC) located on Salem Street.	1	1	1	1	1	1	0	0	1	1	1	1	1	1	12	High
BVG-2 OLD	Purchase a 30KW generator to power overhead doors and the vehicle exhaust disconnect system at Washington Ave. Fire Station	1	1	1	1	1	1	0	0	1	1	1	1	1	1	12	High
BVG-3 OLD	Develop all-hazards public education and outreach program for hazard mitigation and preparedness.	1	1	1	0	1	1	0	0	1	1	1	0	1	1	10	Medium
BVG-4	Incorporate natural hazard risk/mitigation into the next master plan update.	1	1	1	0	1	1	0	0	1	1	1	0	1	1	10	Medium
BVG-5	Include hazard mitigation project funding in the Capital Improvement Budget	1	1	1	0	1	1	0	0	1	1	1	0	1	1	10	Medium

Note: Refer to Section 6 which contains the guidance on conducting the prioritization of mitigation actions.



9.38.7 Future Needs To Better Understand Risk/Vulnerability

None at this time.

9.38.8 Hazard Area Extent and Location

Hazard area extent and location maps have been generated for the Borough of Victory Gardens that illustrate the probable areas impacted within the municipality. These maps are based on the best available data at the time of the preparation of this plan, and are considered to be adequate for planning purposes. Maps have only been generated for those hazards that can be clearly identified using mapping techniques and technologies, and for which the Borough of Victory Gardens has significant exposure. These maps are illustrated in the hazard profiles within Section 5.4, Volume I of this Plan.

9.38.9 Additional Comments

None at this time.



Figure 9.38-1. Borough of Victory Gardens Hazard Area Extent and Location Map 1

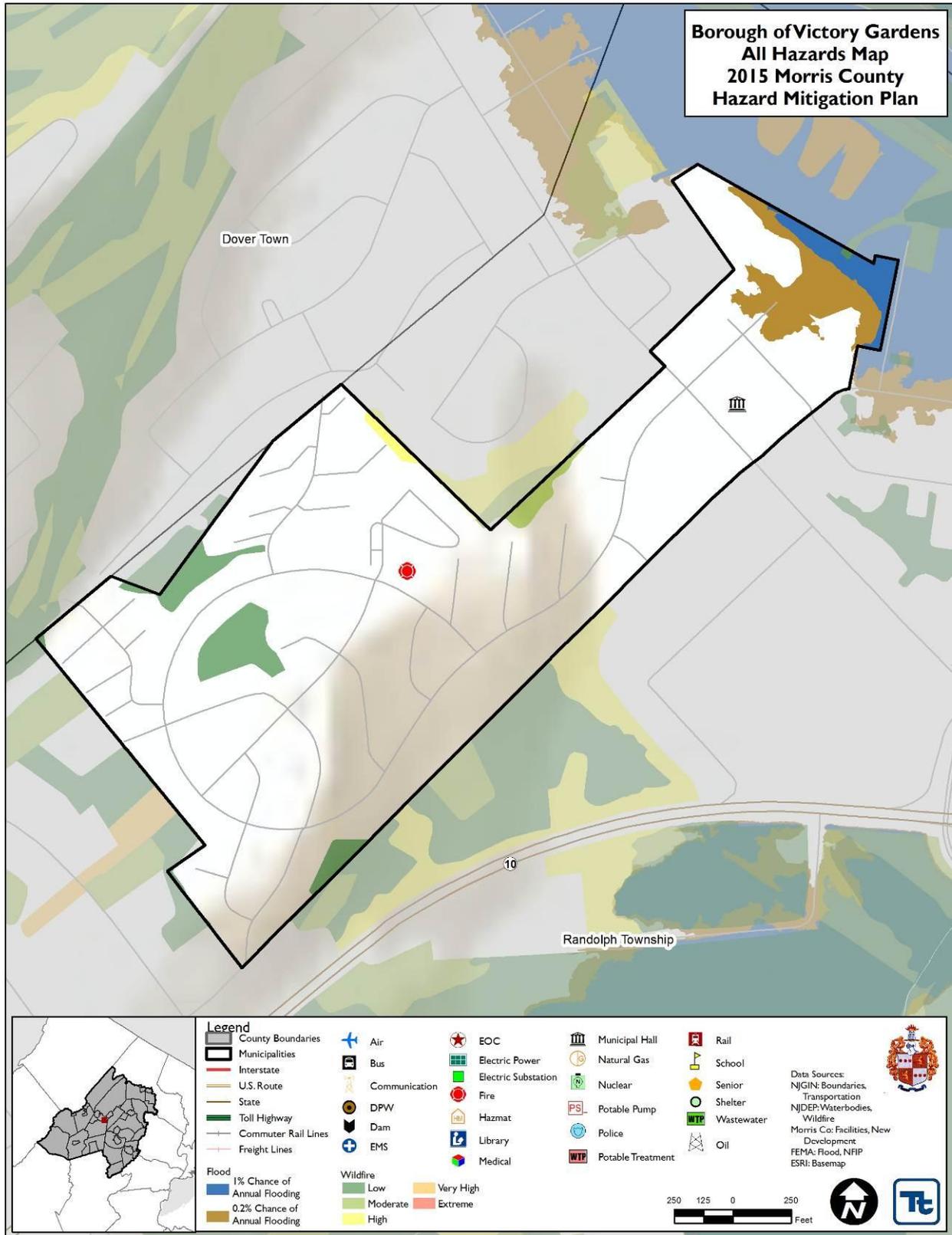
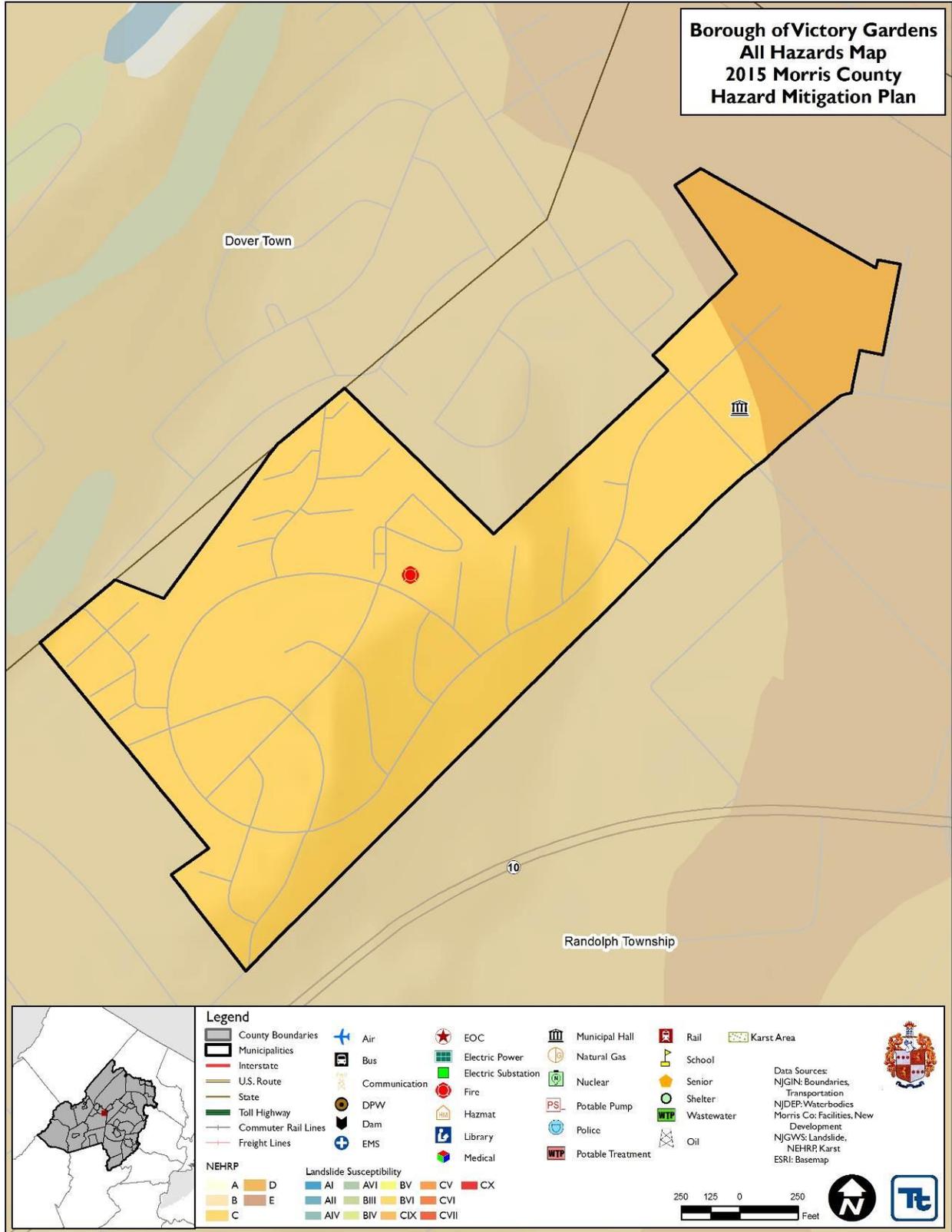




Figure 9.38-2. Borough of Victory Gardens Hazard Area Extent and Location Map 2





Action Number:

BVG-1 and BVG-2

Mitigation Action/Initiative:

Generators for Municipal Building, DPW and Fire Station

Assessing the Risk	
Hazard(s) addressed:	All
Specific problem being mitigated:	Loss of power and continuity of operations
Evaluation of Potential Actions/Projects	
Actions/Projects Considered (name of project and reason for not selecting):	1. Purchase and install generators
	2. Rebuild municipal complex and Fire Station
	3. Do nothing
Action/Project Intended for Implementation	
Description of Selected Action/Project	Purchase and install backup power for Municipal Building/DPW located on Salem Street as well as a 30KW generator to power overhead doors and the vehicle exhaust disconnect system at Washington Ave. Fire Station
Action/Project Category	SIP
Goals/Objectives Met	Goals 1 and 6
Applies to existing and/or new development; or not applicable	Existing
Benefits (losses avoided)	High, Municipal operations can continue with loss of power
Estimated Cost	High
Priority*	High
Plan for Implementation	
Responsible/Lead Agency/Department	Mayor
Local Planning Mechanism	
Potential Funding Sources	HMGP and Municipal matching funds
Timeline for Completion	Short Term DOF
Reporting on Progress <i>(Do not complete - this will be used for the 2020 Update)</i>	
Date of Status Report/ Report of Progress	Date: Progress on Action/Project:

* Refer to results of Prioritization (page 2)



Action Number:

BVG-1 and BVG-2

Mitigation Action/Initiative:

Generators for Municipal Building, DPW and Fire Station

Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate
Life Safety	1	
Property Protection	1	
Cost-Effectiveness	1	
Technical	1	
Political	1	
Legal	1	
Fiscal	0	
Environmental	0	
Social	1	
Administrative	1	
Multi-Hazard	1	
Timeline	1	
Local Champion	1	
Other Community Objectives	1	
Total	12	
Priority (High/Med/Low)	High	