

### 10.2.23 Town of Montgomery

This section presents the jurisdictional annex for the Town of Montgomery.

#### 10.2.23.1 Contacts

Primary and secondary contacts regarding this plan are identified as follows:

- Rodney Winchell – Supervisor  
110 Bracken Road  
Montgomery, NY 12549  
(845) 457-2660
- Charles Woznick – Highway Superintendent  
(845) 778-1895

#### 10.2.23.2 Municipal Profile

##### *Population*

The population of the Town of Montgomery was twenty-two thousand, six hundred six (22,606) during the 2010 census. This is an 8.2% increase over the twenty thousand, eight hundred ninety-one (20,891) reported in 2000.

##### *Location*

The Town of Montgomery is located in the northcentral portion of Orange County. It is west of the Town of Newburgh and east of the Town of Crawford. The Towns of Wallkill, Hamptonburgh, and New Windsor border Montgomery to the south, west to east respectively. Ulster County borders the Town of Montgomery to the north. Much of the Town is representative of a river valley, as the Wallkill River flows north through the central portion of the Town.

##### *Brief History*

During the colonial era, a patent was granted to Henry Wileman in 1710. The land was settled primarily by Palatine Germans. By 1772, the Town was incorporated as Hanover. Ten (10) years later, the name Montgomery was adopted.

Known as the “transportation hub of the northeast” due to the influence of rail yards in the region, the Town has continued to grow steadily even after the decline of railroad transportation.

##### *Governing Body*

The Town is served by the Town Supervisor and a four (4) person Board of Councilmembers. The titles of Town Clerk and Highway Superintendent are elected positions.

*Future Growth*

In addition to the Planning Board, the Town is served by the Farmland Preservation Board and Industrial Development Agency to ensure controlled growth. Review of recent Planning Board meetings has revealed several plans related to business and residential growth.

Crestwood LPG and Chili Gas, Inc. are both utility companies proposing expansion. FedEx is also proposing a FedEx ground facility within the Town. Several other local businesses are also proposing expansions.

A fourteen (14) lot development has been granted conditioned final approval for a clustered subdivision at Noelle Drive and River Road. A similarly sized fourteen (14) lot subdivision with the inclusion of one (1) commercial lot has also received conditional final approval on NYS Route 17K. A request for preliminary approval of an eighteen (18) lot subdivision has also gone before the Board at Coleman Drive.

The proposed development within the Town is subject to the latest acceptable building and planning land development codes and laws. As such, mitigation concerns are addressed in these documents and regulations.

**10.2.23.3 Hazard Vulnerabilities and Ranking**

*Risk Ranking*

The Town selected the following hazards to address, seen in Table 10.2.23a. Vulnerability was decided based on frequency of occurrence and severity of impact.

<b>Table 10.2.23a: Hazard Vulnerability by Event Type</b>	
<b>Hazard Event</b>	<b>Vulnerability</b>
Flood	Moderately High
Severe Storm/ Severe Thunderstorm	Moderately High
Extreme Temperatures	Moderately High
Hurricane	Moderately High
Earthquake	Moderately Low
Tornado	Moderately Low
Winter Storm	Moderately Low
Ice Storm	Moderately Low
Drought	Moderately Low
Wildfire	Low
Ice Jam	Low
Hazardous Materials- Fixed Site	Not Ranked
Hazardous Materials- In Transit	Not Ranked

*Critical Facilities*

A list of community Critical Facilities was generated to aid in mitigation planning. The table below summarizes the number of these facilities within the Town of Montgomery which may be impacted by any of the previously noted hazards.

This information was used to identify potential needed improvements to existing Critical Facilities. Critical facilities were identified by the Town as meeting this definition: “Any structure(s) and/or infrastructure within a community whose incapacity or destruction would:

- Have a debilitating impact on the defense or economic security of that community.
- Significantly hinder a community’s ability to recover following a disaster.”

Discretion was left up to the participating jurisdiction to select these facilities.

<b>Table 10.2.23b: Critical Facility and Infrastructure Counts by Category</b>			
<b>Transportation</b>	<b>Government Services</b>	<b>Emergency Services</b>	<b>Educational/Shelter and Evacuation Facilities</b>
1	4	6	7

Locations of the government building, emergency services, and educational facilities are in the table below.

<b>Table 10.2.23c: Location of CFI</b>	
<b>Facility Name</b>	<b>Address</b>
<b>Transportation</b>	
Orange County Airport	500 Dunn Road
<b>Government</b>	
Town Hall of Montgomery	110 Bracken Road
Village Hall of Montgomery	133 Clinton Street (Montgomery, Village)
Village Hall of Maybrook	101 Main Street (Maybrook)
Village Hall of Walden	1 Municipal Square (Walden)
<b>Emergency Services</b>	
Coldenham Fire Department	511 Coldenham Road
Maybrook Fire Department	204 Wallace Avenue (Maybrook)
Montgomery Fire Department	136 Ward Street, (Montgomery, Village)
Walden Fire Department	230 Old Orange Avenue (Walden)
Montgomery Volunteer Ambulance	22 South Montgomery Street (Walden)
Montgomery Police Department	110 Bracken Road
NYS Police: Montgomery Barracks	2022 State Route 208
<b>Educational/Shelter</b>	
Valley Central High School	1175 State Route 17K

Table 10.2.23c: Location of CFI	
Facility Name	Address
Valley Central Middle School	1189 State Route 17K
Berea Elementary	946 State Route 17K
East Coldenham Elementary	286 State Route 17K (Newburgh, Town)
Montgomery Elementary	141 Union Street (Montgomery, Village)
Walden Elementary	75 Orchard Street (Walden)
Montgomery Senior Center	36 Bridge Street (Montgomery, Village)

The Town of Montgomery has five (5) critical facilities within the 500-year floodplain or the high hazard Landslide Rating<sup>1</sup> area. Below is a table that identifies the structures and hazard issues.

Table 10.2.23d: Town of Montgomery Critical Facilities and Infrastructure in Hazard Areas			
Critical Infrastructure	500-Yr Flood	Landslide Rating Area	Associated Mitigation Action
Orange County Airport	Y	N	TM-2
Walkkill Valley Cemetery	N	Y	N/A
Montgomery Worsted Mills Dam	N	Y	N/A
Wilkens Pond Dam	Y	N	N/A
Winding Hills County Park	N	Y	N/A

As indicated in Section 2.8, participating municipalities did not wish to disclose the locations of public water systems facilities due to security concerns. However, they acknowledge the criticality of such facilities. While it is assumed that most municipal water systems facilities are not located within the floodplain, these jurisdictions will explore hardening/relocation opportunities for those that are located within the floodplain should such actions become necessary due to the incidence of flooding impacts.

By necessity, critical wastewater facilities are located within the 500-year floodplain due to discharge requirements and gravity-fed systems optimization. While relocation is neither desired nor feasible, participating municipalities will seek to harden these facilities where feasibly and fiscally possible.

Table 2.8a – Orange County NPDES Data lists all wastewater facilities in the County, including the Town of Montgomery, with a NPDES (National Pollutant Discharge Elimination System) permit. In the case of New York State, NPDES permit listing match State Pollutant Discharge Elimination System (SPDES) permit listings.

<sup>1</sup> Areas with a landslide rating in of greater than 37 are considered hazardous. The data was derived from HAZUS software analysis.

## **Priority Hazard Events**

The following sections detail the priority hazard events identified by the jurisdiction. Additional information about each hazard including frequency, history, and severity within Orange County is included within Section 5.0 of the main body of the Hazard Mitigation Plan (Volume I).

The probability of climate-related hazard events is generally expected to increase in the future within the Town of Montgomery. This anticipated increase results from the expected increase in weather volatility associated with climate change. Wallkill River communities will also experience increased threat of flooding due to sea level rise. The Wallkill River and Moodna Creek Watershed also contributes to increased flooding occurrences.

Past occurrences of hazard events are indicated in their respective profiles below. Some hazards may not have locally available documentation of past occurrence, but are nonetheless profiled in this annex to instill future mitigation planning consideration.

### *Flood*

The major hydrology influencing waterbody is the Wallkill River, which flows from the southeast to the northwest through the Town.

FEMA’s Flood Insurance Mapping Program designates areas that are at risk for flooding; low flood risk are areas unlikely to flood, moderate risk are areas within the 500-year floodplain (0.2% likely to flood in any given year), and high risk are areas that frequently flood, up to the 100-year flood risk zone (1% likely to flood in any given year).

<b>Total Land Area (Acres)</b>	<b>100-yr Flood Risk Area</b>	<b>500-yr Flood Risk Area</b>	<b>Low Risk Flood Area</b>
29,875	3,293 (11%)	427 (1%)	26,106

Additionally, 3.5% of the Town’s improved value areas (defined as property that is either actively utilized or has been developed) are located within the high or moderate risk flood areas (96.5% is within low risk areas).

The following table illustrates the value of property in the Town of Montgomery that is located within the 500-year floodplain and is categorized by land use type. This table was derived from FEMA floodplain mapping and parcel data from the Orange County Property Assessor.

Table 10.2.23f: Structures in the Town of Montgomery Vulnerable to 500-year Flood Events and Their Estimated Values		
Type of Structure	# Structures in Hazard Area	Value of Structures (in Millions)
Residential	270	\$49.1
Commercial	18	\$18.6
Industrial	0	\$0
Agricultural	14	\$2.9
Religious/Non-profit	0	\$0
Government	0	\$0
Education	0	\$0
Utilities	0	\$0
Dams	1	Unknown
Parks	0	\$0
<b>Total</b>	<b>303</b>	<b>\$70.6</b>

#### Historical Occurrence:

According to NOAA's Storm Events Database, one (1) event was recorded specifically for the Town of Montgomery within the past ten (10) years.

- March 8, 2008 – Heavy rain event. Route 17 near Albany Post Rd. was closed due to flooding. Route 211 was closed in both directions west of Route 416 due to flooding.

#### *Extreme Temperatures*

For a description of this hazard, please see section 5.1.

#### Historical Occurrence:

In the past ten (10) years, the following extreme heat and cold events were reported to NOAA's Storm Events Database in the Town of Montgomery.

- July 2013 – Excessive Heat- The combination of high heat and humidity resulted in heat index values between one hundred five (105) and one hundred (110) degrees for a few hours during the afternoon at Montgomery Airport and at Newburgh International Airport.
- February 2015 – Cold/wind Chill- Wind chills fell to twenty (26) degrees below zero (0) at 6 a.m. at both Orange County Airport and Stewart International Airport.

### *Severe Storm/Severe Thunderstorm*

The National Weather Service (NWS) defines a severe storm as one with a tornado and/or surface hail  $\frac{3}{4}$ " or greater and/or wind gusts fifty (50) knots (kts) (58 mph) or greater. Such storms can cause damage from wind, hail, heavy rainfall, and/or lightning strikes.

#### Historical Occurrence:

Searching NOAA's Storm Events Database with the queries "Thunderstorm Wind", "High Wind", and "Hail" yielded seven (7) events within and around the Town of Montgomery.

- July 6, 2007 – Coating of penny size hail.
- August 21, 2009 – Thunderstorm caused trees and large limbs were reported down from Wallkill to just west of the Montgomery County Airport. \$5,000 in damages were reported.
- July 19, 2010 – Multiple trees and power lines were reported down across the town of Montgomery.
- November 17, 2010 – A gust of sixty-four (64) mph was measured at Montgomery County Airport.
- June 9, 2011 – Hail in excess of 0.75 inches reported.
- July 8, 2011 – Hail in excess of one (1) inch reported.
- July 7, 2014 – A tree was reported down on a house on Charles Street.

It is important to note that these events generally affect large geographic areas and reports specific to municipalities aren't often recorded.

### *Tornado*

While more common in the central plains states, southeast New York is considered among the highest risk for tornado occurrences. Damages are related to the high sustained winds and lightning events associated with these storms.

#### Historical Occurrence:

Since 1969, tornadoes have taken the lives of nine (9) people and caused more than \$28 million in damages in Orange County. No tornado events have occurred specific to the Town. However, a fatal tornado event occurred near the border with the Town of Montgomery in the Town of Newburgh in 1989.

### *Hurricane/Coastal Storms*

For a description of these hazards, please see section 5.3.

Historical Occurrence:

In the past ten (10) years there is no record of any hurricanes that have explicitly impacted the Town of Montgomery. However, there have been a number of recorded occurrences within Orange County. The information can be found in the main body of the document. It is of note that hurricane threats could potential increase due to climate change trends.

*Drought*

For a description of this hazard, please see section 5.5.

Historical Occurrence:

In the past ten (10) years there is no record of any droughts that have explicitly impacted the Town of Montgomery. However, there have been a number of recorded occurrences within Orange County. The information can be found in the main body of the document.

*Earthquake*

For a description of this hazard, please see section 5.7.

Historical Occurrence:

In the past ten (10) years there is no record of any earthquakes that have explicitly impacted the Town of Montgomery. However, there have been a number of recorded occurrences within Orange County. The information can be found in the main body of the document.

*Winter Storm*

For a description of this hazard, please see section 5.8.

## Historical Occurrences:

In the past ten (10) years there is no record of any winter storms that have explicitly impacted the Town of Montgomery. However, there have been a number of recorded occurrences within Orange County. The information can be found in the main body of the document.

*Wildfire*

For a description of this hazard, please see section 5.9.

## Historical Occurrences:

In the past ten (10) years there is no record of any wildfires that have explicitly impacted the Town of Montgomery. However, there have been a number of recorded occurrences within Orange County. The information can be found in the main body of the document.



*Ice Jam*

For a description of this hazard, please see section 5.10.

Historical Occurrence:

In the past ten (10) years there is no record of any ice jams that have explicitly impacted the Town of Montgomery. However, there have been a number of recorded occurrences within Orange County. The information can be found in the main body of the document.

*Ice Storm*

For a description of this hazard, please see section 5.8.

Historical Occurrence:

In the past ten (10) years there is no record of any ice storms that have explicitly impacted the Town of Montgomery. However, there have been a number of recorded occurrences within Orange County. The information can be found in the main body of the document.

*Hazardous Material - Fixed Site*

Hazardous materials (toxic, flammable or corrosive) stored at any facility represent a risk to the surrounding area should an accident occur. A hazardous material discharge typically will impact a localized area and can result in considerable destruction. Often a hazardous waste discharge triggers a cascade of effects which can include: explosion, air contamination, fire, water supply contamination, wildfire, utility failure, and structural collapse.

A review of the NYSDEC Petroleum Bulk Storage (PBS) database indicated that there are thirty-four (34) PBS facilities and one (1) Chemical Bulk Storage (CBS) facility within and surrounding the Town of Montgomery. These facilities are noted in the table below. All are potential locations where a hazardous materials-fixed site accident could occur.

Table 10.2.23g: NYSDEC PBS/CBS Facilities- Town of Montgomery				
Site Number	Site Type	Facility Name	Site Address	Expiration Date
3-000502	CBS	Carlisle Construction Materials	9 Hudson Crossing Drive	4/25/2017
3-037680	PBS	Village Of Montgomery Dpw	69 Bachelor Street	10/17/2016
3-104159	PBS	Montgomery Mobil #0317-7318-35758	2079 Route 208	1/22/2021
3-123102	PBS	Tilcon New York, Inc - Maybrook Asphalt	215 Montgomery Road	12/14/2020
3-164046	PBS	Scotts Corner Xtra Mart	2214 Route 208	6/5/2017
3-171220	PBS	Grosso Materials Inc.	90 Collabar Road	8/24/2017
3-172766	PBS	Orange County Airport	500 Dunn Road	6/30/2017
3-172898	PBS	Thomas Bull Memorial Park	Route 416	6/30/2017
3-179825	PBS	Dbl	600 Route 17k	8/26/2012
3-409332	PBS	Nysdot-Office Of Operations	106 Neelytown Road	10/29/2017

<b>Site Number</b>	<b>Site Type</b>	<b>Facility Name</b>	<b>Site Address</b>	<b>Expiration Date</b>
3-412244	PBS	Lj Marchese Chevrolet, Inc.	1018 Route 9w	11/10/2019
3-440809	PBS	Fort Montgomery Elem. School	985 Route 9w	6/28/2018
3-463612	PBS	New England Motor Freight	150 Neelytown Rd	5/16/2019
3-483524	PBS	Russin Lumber Corp	21 Leonards Drive	2/15/2019
3-501808	PBS	Con-Way Central Express - Xnw	120 Neelytown Road	12/22/2018
3-600142	PBS	Taylor Holdings Group (Formerly Taylor Tree, Inc.)	350 Neelytown Road	10/28/2016
3-600487	PBS	Tabasco & Cooper Fuel Oil	Route 52	5/23/2005
3-600571	PBS	Fort Market Mobil	1062 (Rfd #1) Route 9w	1/26/2020
3-600594	PBS	Town Of Montgomery Hgw.	300 River Road	6/27/2019
3-600883	PBS	Penske Truck Leasing Co.,L.P.	136 Neelytown Road	2/9/2021
3-600908	PBS	Mehtab, Inc.	190 Ward Street	5/2/2016
3-600967	PBS	Montgomery Nursing Home	2817 Albany Post Road	9/10/2016
3-601390	PBS	Ken's Service Station	2231 Route 208	12/23/2019
3-601438	PBS	Schaut's Auto	Route 9w	9/27/2010
3-601590	PBS	Paramount Transportation	140 Neelytown Road	5/13/2018
3-601609	PBS	Fedex Freight East Inc.	191 Neelytown Road	10/19/2020
3-601719	PBS	Speedway # 7870	2057 Route 208	9/30/2019
3-601747	PBS	Ups Freight	645 Neelytown Road	10/12/2020
3-601764	PBS	Quality Service Center	2040 State Route 208	11/17/2020
3-601871	PBS	East Coast Orchids	2488 Route 17k	1/18/2017
3-602055	PBS	County Waste & Recycling Service	446 Route 416	7/28/2019
3-602097	PBS	Chambers Tractor Sales	167 Ward Street &	12/22/2019
3-602304	PBS	Campbell Freightliner Of Orange County	2040 Route 208 Suite 2	6/6/2018
3-602344	PBS	United Natural Foods, Inc.	525 Neelytown Road	6/12/2019
3-602355	PBS	Aden Brook Farms	506 Route 416	10/29/2019

### *Hazardous Material- In Transit*

A hazardous materials (in transit) event consists of an uncontrolled release of materials during transport, which when released can result in death or injury to people and/or damage to property and the environment through the material's flammability, toxicity, corrosiveness, chemical instability and/or combustibility (HIRA-NY, Definitions of Hazards).

A hazardous materials (in transit) event could occur anywhere within the Town, but is most likely to occur along NYS Route 211 (north-south) and NYS Route 17K (east-west), both major transportation corridors. There is also concern that such an event could occur along the Middletown & New Jersey, LLC railroad lines which travel along the eastern portion of the Town.

Little information is available regarding specific accidents involving hazardous wastes in transit within the Town of Montgomery. Recent events have not resulted in death or injury and have only involved fairly minor levels of property damage. The greatest cost associated with these minor events has been personnel time spent cleaning up the incident site. A large-scale event would carry with it a long recovery period and the potential for significant of damage.

### 10.2.23.4 Capability Assessment

#### *Planning and Regulatory Capability*

Table 10.2.23h: Legal and Regulatory Capabilities for Town of Montgomery		
Regulatory Tools for Hazard Mitigation	Description	Responsible Department/Agency
Codes and/or Ordinances	<ul style="list-style-type: none"> <li>• 2010 Residential Code of NYS</li> <li>• 2010 Fire Code of NYS</li> <li>• 2010 Building Code of NYS</li> <li>• 2010 Exiting Building Code of NYS</li> <li>• 2010 Energy Conservation Construction Code of NYS</li> <li>• 2010 Plumbing Code of NYS</li> <li>• 2010 Mechanical Code of NYS</li> <li>• 2010 Fuel Gas Code of NYS</li> </ul>	Building Department
	<ul style="list-style-type: none"> <li>• Zoning Ordinance</li> <li>• Subdivision Ordinance</li> <li>• Floodplain Ordinance</li> </ul>	Planning Board
Plans, Manuals, and/or Guidelines	<ul style="list-style-type: none"> <li>• Stormwater Management</li> <li>• Comprehensive Plan (1988)</li> <li>• Local Emergency Operations Plan</li> </ul>	Planning Board
Studies	<ul style="list-style-type: none"> <li>• FIRM Flood Insurance Rate Maps, 2009</li> </ul>	Town Board/Building Department

#### *Administrative and Technical*

Table 10.2.23i: Summary of Administrative and Technical Staff Capabilities for Town of Montgomery		
Staff/Resources	<input checked="" type="checkbox"/>	Notes
Chief Building Official	<input checked="" type="checkbox"/>	Building Inspector
Floodplain Administrator	<input checked="" type="checkbox"/>	Building Inspector
Emergency Manager	<input checked="" type="checkbox"/>	Town Supervisor
Community Planner	<input checked="" type="checkbox"/>	Town Planning Board Consultant Planner

Table 10.2.23i: Summary of Administrative and Technical Staff Capabilities for Town of Montgomery		
Staff/Resources	<input checked="" type="checkbox"/>	Notes
Civil Engineer	<input checked="" type="checkbox"/>	Town Board Consultant Engineer
GIS Coordinator/HAZUS	<input checked="" type="checkbox"/>	Town Board Consultant Engineer
Grant Writer	<input checked="" type="checkbox"/>	Town Supervisor
Maintenance Programs to Reduce Risk (tree trimming, etc.)	<input checked="" type="checkbox"/>	General Road Maintenance, MS4 Community, Orange & Rockland Utility, Central Hudson, NYSEG
Mutual Aid Agreements	<input checked="" type="checkbox"/>	Shared highway equipment with neighboring municipalities

### *Fiscal Capabilities*

Table 10.2.23j: Fiscal Opportunities for the Town of Montgomery		
Financial Resources	Accessible or Eligible to Use (Yes, No, Don't Know)	Comments
Community Development Block Grants	Yes	For senior citizen programs
Capital Improvements Project funding	Yes	Various projects
Authority to levy taxes for specific purposes	Yes	Various projects
Fees for water, sewer, gas, or electric service	Yes	Water and Sewer
Impact fees for homebuyers or new developments/homes	Yes	Recreation
Incur debt through general obligation bonds	Yes	Various projects
Federal/State Funding	Yes	Various projects

### *NFIP: Administrator, Vulnerability, Resources, Compliance*

The Town (ID 360623) joined NFIP on March 22, 1974. As of January 31, 2018, there are a total of twenty (20) active policies, representing \$5,589,000 in value. According to Table 8.2c, there is one eligible repetitive flood loss properties within the Town of Montgomery. More NFIP information can be found in Section 8.2.

The NFIP Administrator is the Building Inspector and the Town is considered to be in compliance. The Town has been maintaining NFIP participation by performing the duties and actions that were listed in the local laws that their municipal boards adopted. (Local Law #4 of 2009) The Town Floodplain Administrator has been provided an NFIP best practices guidance package and will be using it to improve local participation in NFIP standards going forward. This package of documents was provided by NYSDHSES and can be found in Appendix F - NFIP Floodplain Administrator Guidance Package.

*Hazard Mitigation: Existing and Planning Mechanisms*

Emergency Communications, Routes, and Shelters:

The Town of Montgomery utilizes the CodeRED Emergency Communications System. The Town follows emergency route rules set by Orange County. The Town has two (2) designated emergency shelter locations: Valley Central High School (1175 St. Rt. 17K, Montgomery, NY 12549) and Valley Central Middle School (1189 St. Rt. 17K, Montgomery, NY 12549). More information on these sites can be found in Attachment III.

Comprehensive Plan:

The Town’s Comprehensive Plan was adopted in 1988. This document does not address natural hazard event concerns.

Planning Mechanisms:

While this annex has provided a summary and description of existing plans, policies, and regulatory mechanisms that support hazard mitigation, the 2018 Orange County Hazard Mitigation Plan Update is intended to allow for the integration of its recommendations and data into local plans. Listed below are several planning and policy mechanisms that lend themselves to the integration of materials and objectives from this hazard mitigation plan. Columns to the right indicate whether the municipality has utilized hazard mitigation planning elements in the past (as in the aftermath of a previous local hazard mitigation plan) and whether they intend to be utilized in the future (which most, if not all, do).

<b>Table 10.2.23k: Incorporation of Hazard Mitigation Planning into Existing and Future Planning Mechanisms</b>		
<b>Planning Mechanism</b>	<b>Has been Utilized</b>	<b>May be Utilized</b>
<b>Capital Improvement Budget:</b> Hazard Mitigation Actions to be considered during the development of annual capital improvement plans. Compliance with Hazard Mitigation goals and objectives as well as the hazard vulnerability of site will be a consideration during the evaluation of infrastructure and facilities projects.		X
<b>Operating Budget:</b> Hazard Mitigation Actions to be considered within day-to-day operating budgets as funding permits.		X
<b>Building &amp; Zoning Ordinances:</b> Review of the hazard mitigation plan and hazard analyses are part of the evaluation of land use, zoning, and development review ordinances and permitted processes.		X
<b>Comprehensive Land Use Plan:</b> Elements such as hazard vulnerability and hazard area extents will be considered during the development of future land use maps and other elements of comprehensive planning.		X
<b>Human Resource Manual:</b> Employee job descriptions may contain elements related to hazard mitigation planning and associated recommendations.		X
<b>Grant Applications:</b> Support for funding requests in the form of data, maps, and priority recommendations will be drawn from the hazard mitigation plan.		X
<b>Fire Plan:</b> Fire Plans for the municipality and local fire departments can utilize data and mapping in the hazard mitigation plan.		X

<b>Planning Mechanism</b>	<b>Has been Utilized</b>	<b>May be Utilized</b>
<b>Local School Service Projects:</b> Municipal officials and staff can explore the possibility of collaboration with local school districts to provide avenues for student community service projects as well as educational opportunities.		X
<b>Economic Development:</b> Local chambers of commerce and other economic development agencies can utilize the hazard mitigation plan to better inform new/expanding businesses in finding a location.		X

### Summary

This Plan will be used to inform the Town's Comprehensive Plan, Town Codes, and provide guidance on actions moving forward.

### 10.2.23.5 Mitigation Strategy and Prioritization

#### *Past, Completed, and Ongoing Initiatives*

The Town has not identified any past, completed, and ongoing initiatives.

#### *Proposed Initiatives*

<b>Action</b>	<b>Description</b>	<b>Involved Agency(ies)</b>	<b>Funding Source(s)</b>	<b>Cost</b>
TM-1 HIGH	Installation of a larger culvert to allow more flow from a wetland located north and south of Browns Road.	Town Board, Highway Superintendent (Primary), Town Consultant Engineer	FEMA: HMGP, Municipal Bond, Legislative Members' Initiatives, NYSDEC funding	\$100,000
TM-2 LOW	Elevation of Canning Road to reduce flooding caused by heavy rains. The road connects NYS Routes 416 and 211; raising the road will prevent flooding and extended shut downs of the corridor.	Town Board, Highway Superintendent, Town Consultant Engineer (Primary)	FEMA: HMGP, Municipal Bond, Legislative Members' Initiatives; CHIPS and SHIPS	\$2,200,000
TM-3 HIGH	Installation of a larger culvert to allow more flow at Corbett Road.	Town Board, Highway Superintendent, (Primary) Town Consultant Engineer	FEMA: HMGP, Municipal Bond, Legislative Members' Initiatives, NYSDEC funding	\$500,000
TM-4 LOW	Acquisition of repetitive loss and severe repetitive loss properties within municipal limits	Town Board (primary), Town Consultant Engineer, FEMA, NYS DHSES	FEMA Hazard Mitigation Grant (HMGP) FEMA Pre-Disaster Mitigation Funds (PDM), GOSR, Legislative Members' Initiatives	\$750,000

STAPLEE forms were completed for each of these actions. A table with these evaluations can be found in Attachment II of this jurisdictional annex.

“STAPLEE” refers to the following lenses of evaluation: social, technological, administrative, political, legal, economic, and environmental.

*Future Needs*

The Town has not identified any future needs.

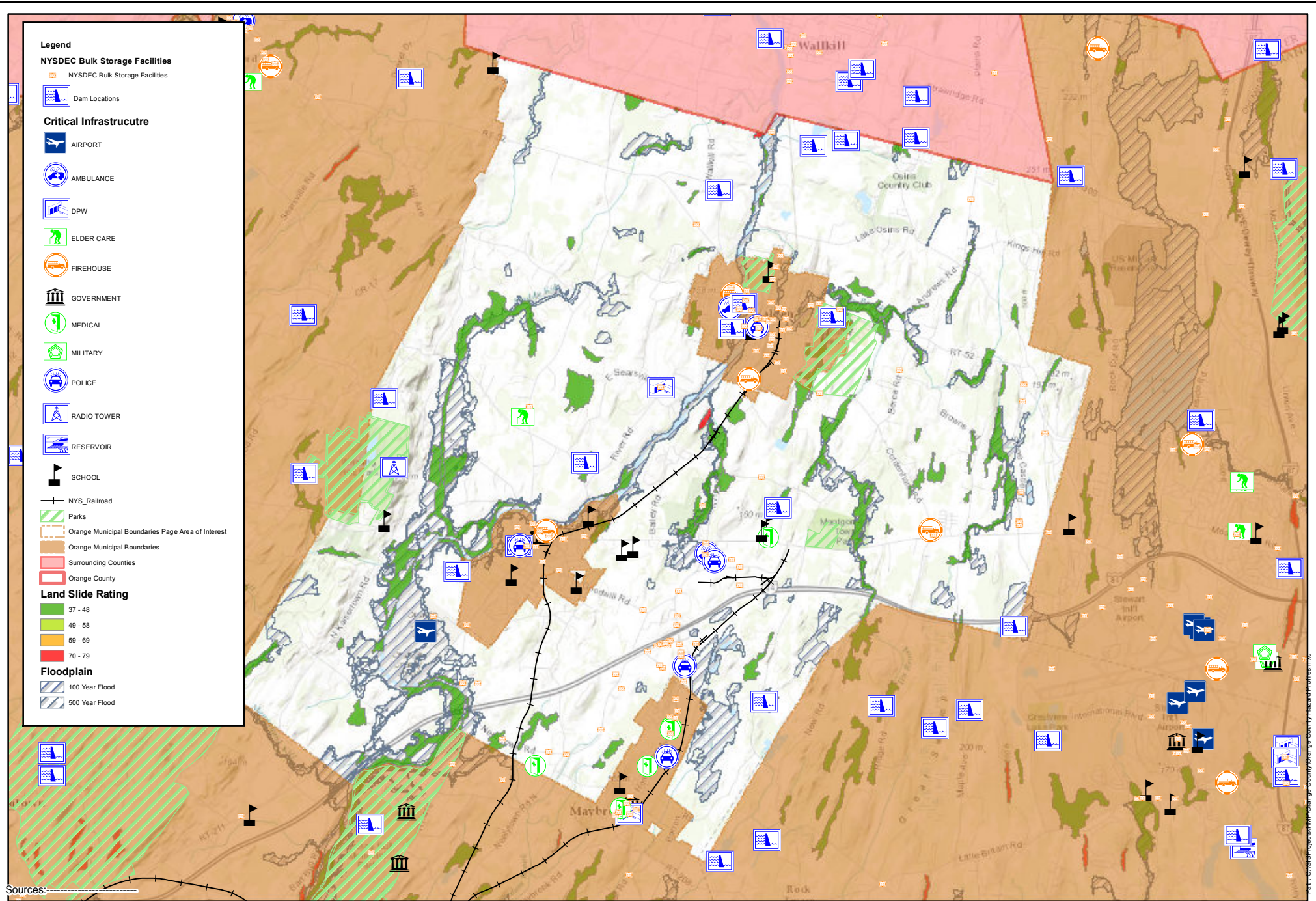
**10.2.23.6 Hazard Area Extent and Location**

A map demonstrating the location of certain hazard areas is attached as Attachment I.

**Attachment I**

**Hazard Area Extent and Location Map -  
Town of Montgomery**





**Legend**

**NYSDEC Bulk Storage Facilities**

- NYSDEC Bulk Storage Facilities

**Dam Locations**

- Dam Locations

**Critical Infrastructure**

- AIRPORT
- AMBULANCE
- DPW
- ELDER CARE
- FIREHOUSE
- GOVERNMENT
- MEDICAL
- MILITARY
- POLICE
- RADIO TOWER
- RESERVOIR
- SCHOOL

**NYS\_Railroad**

- NYS\_Railroad

**Parks**

- Parks

**Orange Municipal Boundaries Page Area of Interest**

- Orange Municipal Boundaries Page Area of Interest

**Orange Municipal Boundaries**

- Orange Municipal Boundaries

**Surrounding Counties**

- Orange County

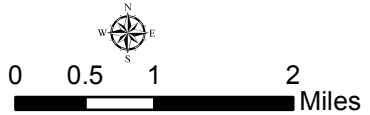
**Land Slide Rating**

- 37 - 48
- 49 - 58
- 59 - 69
- 70 - 79

**Floodplain**

- 100 Year Flood
- 500 Year Flood

Sources:



Orange County Hazard Mitigation Plan  
**Town of Montgomery**  
 3/14/2016  
 New York

Figure  
 Project No. 1724.002

Path: C:\OrangeCounty\Orange County Hazard Mitigation Plan\Map\Map

## **Attachment II**

# **STAPLEE Mitigation Action Cost/Benefit Analysis - Town of Montgomery**

**STAPLEE Criteria Consideration Tables**  
**Mitigation Action Prioritization and Comparison**

Jurisdiction: Town of Montgomery

Action ID	Action	S	T	A	P	L	E	E	Can action be easily implemented?	Does action achieve multiple plan objectives?	Can action be quickly implemented?	Level of action benefits	Level of action overall costs	Priority ranking
		+ = benefit (favorable), - = cost (unfavorable), 0 = neutral or N/A											Levels = high, medium, or low	
TM-1	Installation of a larger culvert to allow more flow from a wetland located north and south of Browns Road	+	+	0	+	+	0	+	0	+	0	Medium	Medium	High
TM-2	Elevation of Canning Road to reduce flooding caused by heavy rains	+	+	-	+	+	-	+	-	0	-	Medium	High	Low
TM-3	Installation of a larger culvert to allow more flow at Corbett Road	+	+	0	+	+	0	+	0	+	0	Medium	Medium	High
TM-4	Acquisition of repetitive loss and severe repetitive loss properties within municipal limits	0	+	0	0	+	0	+	0	+	0	High	Medium	Low

**Attachment III**

**Hazard Mitigation Worksheets -  
Town of Montgomery**

## Mitigation Actions and Strategy Detail Worksheet

<b>Action Worksheet</b>	
Name of Jurisdiction	Town of Montgomery
Name of Hazard Mitigation Plan	Orange County Hazard Mitigation Plan
<b>Potential Actions/Projects (not being implemented at this time)</b>	
Action/Project Number	Browns Road Culvert Replacement
Name of Action/Project	Browns Road Culvert: Replace the culvert on Browns Road to allow more flow under Browns Road.
Summary of Evaluation: Benefits (losses avoided), estimated costs, and other factors considered	A larger culvert will allow more flow from a wetland that is located on the north and south side of Browns Road.
<b>Plan for Implementation</b>	
Responsible Organization	Town of Montgomery Town Board and Highway Department
Action/Project Priority	Low
Potential Funding Sources	
Other assisting organizations, entities, etc.	
Local planning mechanisms to be used in project/action implementation, if any	Engineer for the Town, Highway Department, outside consultants
<b>Progress Report</b>	
Date of status report	
Report of progress	No status report at this time
Evaluation of effectiveness	

## Mitigation Actions and Strategy Detail Worksheet

<b>Action Worksheet</b>	
Name of Jurisdiction	Town of Montgomery
Name of Hazard Mitigation Plan	Orange County Hazard Mitigation Plan
<b>Potential Actions/Projects (not being implemented at this time)</b>	
Action/Project Number	Corbett Road Culvert Replacement
Name of Action/Project	Corbett Road Culvert Replacement: Replace and enlarge the culvert on Corbett Road
Summary of Evaluation: Benefits (losses avoided), estimated costs, and other factors considered	The drainage culvert on Corbett Road to a larger diameter and longer one. This will allow for more capacity and widen the road.
<b>Plan for Implementation</b>	
Responsible Organization	Town of Montgomery Town Board and Town Highway Department
Action/Project Priority	Low
Potential Funding Sources	
Other assisting organizations, entities, etc.	
Local planning mechanisms to be used in project/action implementation, if any	Engineer for the Town, Highway Department, outside consultants
<b>Progress Report</b>	
Date of status report	
Report of progress	No report at this time
Evaluation of effectiveness	

Orange County  
Multi-Jurisdictional All Natural Hazard Mitigation Plan  
Emergency Shelter Questionnaire

Name of Your Municipality:	<u>Town of Montgomery</u>
Common Name of Your Emergency Shelter:	<u>Valley Central High School or Valley Central Middle School</u>
Street Address of Your Emergency Shelter:	<u>1175 State Route 17K or 1189 State Route 17K</u> <u>Montgomery, NY 12549</u>
Name of the Owner of Your Emergency Shelter:	<u>Valley Central School District</u>
Name of the Regular Occupant of Your Emergency Shelter:	<u>Valley Central School District</u>

Name of Jurisdiction: \_\_\_\_\_

**RESOLUTION  
TO AUTHORIZE THE ACCEPTANCE AND ADOPTION OF THE  
MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN UPDATE FOR  
ORANGE COUNTY, NEW YORK**

**WHEREAS**, the Orange County Department of Emergency Services, with the assistance from Barton & Loguidice, D.P.C., has gathered information and prepared the Multi-Jurisdictional Hazard Mitigation Plan Update for Orange County, New York; and

**WHEREAS**, the Multi-Jurisdictional Hazard Mitigation Plan Update for Orange County, New York has been prepared in accordance with the Disaster Mitigation Act of 2000 and Title 44 Code of Federal Regulations (CFR), Part 201; and

**WHEREAS**, Title 44 CFR, Chapter 1, Part 201.6(c)(5) requires each local government participating in the preparation of a Multi-Jurisdictional Mitigation Plan or Plan Update to accept and adopt such plan; and

**WHEREAS**, the Town of Montgomery, has reviewed the 2016 Multi-Jurisdictional Hazard Mitigation Plan Update for Orange County, has found the document to be acceptable, and as a local unit of government, has afforded its citizens an opportunity to comment and provide input regarding the Plan Update and the actions included in the Plan;

**WHEREAS**, the Town of Montgomery, will consider the Multi-Jurisdictional Hazard Mitigation Plan Update for Orange County during the implementation and updating of local planning mechanisms, and will incorporate the hazard assessment data, hazard vulnerabilities, and mitigation actions in these mechanisms, where applicable;

**NOW THEREFORE, BE IT RESOLVED**, that the Town of Montgomery, as a participating jurisdiction, adopts the Multi-Jurisdictional Hazard Mitigation Plan Update for Orange County, New York, dated May 2016.

This resolution was thereupon declared duly adopted on \_\_\_\_\_.

\_\_\_\_\_  
(Supervisor)

\_\_\_\_\_  
(Clerk)