

3.0 Planning Process

This planning process section of the plan describes who was involved in the development of this document, what steps were taken to complete all phases of the process, and how public involvement was considered throughout plan development. Throughout the plan development process, information was gathered from participating jurisdictions, as well as state, federal and local agencies and groups, citizens and business owners in the community, and other stakeholders. Project Team representatives were also tasked with collecting data and information from their respective jurisdictions or areas of expertise. The information included in this plan represents the results of an extensive planning process that involved the input of many jurisdictions and community members.

3.1 Resources and Information Collection

The planning process followed for the development of the Orange County Multi-Jurisdiction Multi-Hazard Mitigation Plan Update is consistent with the guidelines provided in the State and Local Mitigation Planning, how-to guides (FEMA Report 386-2) and the Local Multi-Hazard Mitigation Planning Guidance (FEMA, 2008) and Planning Standards (NYS DHSES, 2014).

In addition to these references and Orange County's existing Hazard Mitigation Plan (2011), the following County and Regional documents were reviewed and considered during the development of the HMP Update:

- Orange County Comprehensive Plan (2010);
- Wallkill River Watershed Conservation and Management Plan (2006);
- Moodna Creek Watershed Conservation and Management Plan (2010);
- Quassaick Creek Watershed Plan Report (2014);
- Agricultural and Farmland Protection Plan (2015);
- Orange County Transportation Council Long Range Transportation Plan (2015);
- Orange County Open Space Plan (2004); and
- Multiple existing single jurisdiction plans for municipalities within the County (listed in Section 1.3).

Much of the event-specific information and details came from the members of the Planning Team. The public and other interested parties were provided numerous opportunities throughout the planning process to provide input and comments.

3.1.1 Planning Mechanisms and Capabilities

Another important objective of updating the HMP is to incorporate the document into existing and future planning efforts and initiatives throughout the County. Elements of the plan will be considered during municipal and County development and comprehensive planning efforts. The approved HMP will also serve as an important resource for developing and updating emergency

operations plans and procedures throughout Orange County. This updated HMP will be incorporated into, considered during, and referenced by future updates and efforts at the County and municipal levels concerning the plans, policies, ordinances, programs, studies, reports, and staff included in Table 3.3b.

3.2 Planning Team and Key Stakeholders

Two groups were created to assist in various facets of information collection and document preparation and review: Project Team and Key Stakeholders. The Project Team is represented by at least one municipal representative from each participating jurisdiction, and is responsible for assisting in data collection, document review, and coordination efforts. The Key Stakeholders group includes various members of the community and adjacent governments, such as local elected officials, municipal employees, school officials, fire and emergency response personnel, adjacent County representatives, utility contacts, neighboring counties, and other interested community members.

Meetings with these two groups of selected and interested individuals were held at strategic points throughout the HMP development process. Meeting agendas, materials, PowerPoint presentations, and meeting notes are provided in Appendix A. Participants and representatives that attended every meeting are also listed in Appendix A, along with their affiliation, as it relates to the project. Orange County reached out to everyone on this list via mail in advance of the Stakeholders Workshop.

3.3 Jurisdiction Participation

To be included in the 2018 Orange County Multi-Jurisdictional Multi-Hazard Mitigation Plan, all interested jurisdictions needed to express their willingness to be a part of the process and needed to remain an active participant throughout all stages of plan development. Active participation for each jurisdiction was gauged based on the following factors: meeting attendance, information collection and research, plan review and comment, mitigation action submission, public review assistance, and final resolution to adopt the HMP. A jurisdiction did not have to meet all criteria listed to be considered a participating member (for example, meeting attendance), but each jurisdiction did have to show an effort to participate and provide relevant information (for example, email follow-up after a missed meeting to discuss what was missed). The Orange County Division of Emergency Management and its consultant made a concerted effort to follow-up with jurisdictions that were underrepresented at project meetings.

Overall, it was determined that all but 2 of the 43 jurisdictions within Orange County (including the Orange County Government, itself) met the participation requirements and are, therefore, included and considered in this document. The Town of New Windsor and the Village of Kiryas Joel decided not to participate. Participating jurisdictions and their representatives are listed in Table 3.3a. All participating jurisdictions have agreed to pass a resolution to adopt the HMP after NYSDHSES and FEMA review and approval. These resolutions will be added to Appendix B, as they are adopted. For now, a sample resolution is provided.

Table 3.3a: Participating Jurisdictions in Orange County		
Jurisdiction	Representative	Position
City of Middletown	Joseph Stefano	City Mayor
City of Newburgh	Terry Ahlers	Acting Fire Chief
City of Port Jervis	Thomas Vicchiariello	Local Emergency Manager
Town of Blooming Grove	Robert A. Fromaget	Town Supervisor
Town of Chester	Alexander Jamieson	Town Supervisor
Town of Cornwall	Todd Hazard	Police Chief
Town of Crawford	Daniel McCann	Coordinator of Safety and Security
Town of Deerpark	Gary Spears	Town Supervisor
Town of Goshen	Broderick Knoell	Highway Superintendent
Town of Greenville	George J. Hossann, Jr.	Town Supervisor
Town of Hamptonburgh	Donald Mekulik, Jr.	Building Inspector
Town of Highlands	Mervin "Bob" R. Livsey	Town Supervisor
Town of Minisink	Randal Filipowski	Highway Superintendent
Town of Monroe	Harley E. Doles III	Town Supervisor
Town of Montgomery	Michael Hayes	Town Supervisor
Town of Mount Hope	Dean Hassenmayer	Highway Superintendent
Town of Newburgh	Gilbert J. Piaquadio	Town Supervisor
Town of Tuxedo	Michael Rost	Town Supervisor
Town of Walkkill	Daniel Depew	Town Supervisor
Town of Warwick	Michael Sweeton	Town Supervisor
Town of Woodbury	David Sutz	Town Supervisor
Village of Chester	John Orr	Building Inspector
Village of Cornwall-on-Hudson	Brendan Coyne	Village Mayor
Village of Florida	Jim Pawliczek, Sr.	Village Mayor
Village of Goshen	Kyle Roddey	Village Mayor
Village of Greenwood Lake	Jesse Dwyer	Village Mayor
Village of Harriman	Stephen H. Welle	Village Mayor
Village of Highland Falls	Patrick Flynn	Village Mayor
Village of Maybrook	Matthew Thorp	Public Works Superintendent
Village of Monroe	Brian T. Smith	Public Works Superintendent
Village of Montgomery	Ralph "Buddy" Nelson	Public Works Superintendent
Village of Otisville	Robert Clouse	Councilperson
Village of South Blooming Grove	Robert Jeroloman	Village Mayor
Village of Tuxedo Park	Mary Jo Guinchard	Village Mayor
Village of Unionville	Martin T. Howard	Village Mayor
Village of Walden	John Revella	Village Mayor
Village of Warwick	Michael Newhard	Village Mayor
Village of Washingtonville	James M. Farr, P.E.	Consulting Engineer
Village of Woodbury	Rob Weyant	Public Works Supervisor

Table 3.3b: Jurisdictional Capability Assessment and Resource Availability																					
Plans	Town of Blooming Grove	Town of Chester	Village of Chester	Town of Cornwall	Village of Cornwall-on-Hudson	Town of Crawford	Town of Deerpark	Village of Florida	Town of Goshen	Village of Goshen	Town of Greenville	Village of Greenwood Lake	Town of Hamptonburgh	Village of Harriman	Village of Highland Falls	Town of Highlands	Village of Maybrook	City of Middletown	Town of Minisink	Town of Monroe	Village of Monroe
Comprehensive/Land Use Plan	Yes	'15	No	Yes	Yes	'01	'03	'02	'09	Yes	'04	'75	Yes	No	'06	'09	'07	Yes	'05	'08	'14
Capital Improvement Plan	No	No	No	No	No	No	No	'87	Yearly	No	Yes	No	Yes	Yes	No	Yes	'13	Yes	No	No	No
Economic Development Plan	No	No	No	No	Yes	No	No	Yes	Yes	No	Yes	No	Yes	No	No	Yes	Yes	Yes	No	No	Yes
Local Emergency Operations Plan	Yes	'12	No	Yes	Yes	'09	Yes 911	Yes	Yes	Yes	No	Yes 911	Yes	Yes	'06	Yes	'95	Yes	'00	'93	Yes
Continuity of Operations Plan	No	Yes	No	No	No	No	Yes		No	No	Yes	Yes	Yes		Yes	No			No		No
Transportation Plan	Yes	No	No	No	No	'15	No	No	No	No	No	No	No	No	No	No	Yes	Yes	No	Yes	Yes
Storm water Management Plan	Yes	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes		Yes	Yes	No	Yes	Yes
Community Wildfire Protection Plan	No	No	No	Yes	No		Yes	Yes	No	No	No	No	No	No	No	No	No		No	No	No
Other special plans (e.g., Brownfields redevelopment, disaster recovery, coastal zone management, climate change adaptation)	Yes	No	No	No		Yes, Emergency Plan (disaster recover protocol)		No	No	No			State Code Dec. EPA GCT			No	Yes		No	Yes, Aquifer Protection Plan	Yes
Building Code	Yes	Yes	NYS '10	Int'l Code '10	Yes	'10	NYSBC '10	NYS Uniform Code '10	NYSBC '10	'10 Updated as per NYS	'07	NYSBC '10	10	NYSBC '10	NYSBC '10	NYS Uniform Codes '10	'13 NYS	Yes	Yes	'10 NYS	Yes
Building Code Effectiveness Grading Schedule (BCEGS) Score	Yes	N/A	No	Class 9	Yes	Yes	N/A	No	Yes	No		N/A			N/A		Yes		N/A	No	No
Fire Department ISO Rating		Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes		Yes			Yes	Yes	Yes	Yes	Yes	Yes	Yes
Site Plan review requirements	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Zoning Ordinance	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Subdivision Ordinance	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Floodplain Ordinance	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Natural Hazard specific ordinance (storm water, steep slope, wildfire)	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes
Flood Insurance rate maps	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
Acquisition of land for open space and public recreation uses	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Other								Yes, NYS Building Code					Yes 2015				Erosion control codes, Stormwater MGMT codes				
Planning Commission	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes	No	Yes	Yes	Yes	Yes	Yes
Mitigation Planning Committee	Yes	Yes		Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes		Yes	No	Yes	Yes	Yes	Yes	No
Maintenance programs to reduce risk (e.g., tree trimming, clearing drainage systems)	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Mutual aid agreements	Yes	Yes		Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes		Yes
Chief Building Official	FT	FT	FT	Yes	Yes	FT	FT	FT	FT	FT	PT	FT	FT	FT	FT	FT	PT		Yes	Yes	FT
Floodplain Administrator	FT	FT	FT	Yes	FT	FT	FT	FT	FT	FT	Yes	FT	FT	FT	FT	Yes	N/A		Yes	Yes	FT
Emergency Manager	Yes	FT	FT	Yes	PT	PT	PT	PT	No	No	Yes	FT	Yes	FT	FT	PT	Yes		Yes	Yes	No

Table 3.3b: Jurisdictional Capability Assessment and Resource Availability																					
Plans	Town of Blooming Grove	Town of Chester	Village of Chester	Town of Cornwall	Village of Cornwall-on-Hudson	Town of Crawford	Town of Deepark	Village of Florida	Town of Goshen	Village of Goshen	Town of Greenville	Village of Greenwood Lake	Town of Hamptonburgh	Village of Harriman	Village of Highland Falls	Town of Highlands	Village of Maybrook	City of Middletown	Town of Minisink	Town of Monroe	Village of Monroe
Community Planner	No	PT	No	Yes		PT	PT	No	No	FT	No	PT	PT	No	PT	No	Yes	Yes	PT	No	Yes
Civil Engineer	PT	PT	Yes	Yes	PT	Yes, Contracted	PT	PT	No	FT	Yes	PT	PT	PT	PT	PT	Yes	PT	PT	PT	FT
GIS Coordinator	No	PT	No			PT	PT	No	No	Yes	No	PT	PT	No	PT		Yes		No	No	FT
Warning Systems/services (Reverse 911, Outdoor warning signals)	No	No	No	No	No	No	No	Yes	No	Yes	No	No	Yes	No	No	No	Yes	Yes	No	Yes	Yes
Hazard data and information	Yes	Yes	No	No		Yes	Yes	Yes	No	No	No	Yes		No	Yes		Yes	Yes	N/A	Yes	No
Grant writing	No	Yes	No	No	No	Yes	Yes	Yes	No	Yes	No	Yes	Yes	No	Yes	No	Yes		No	No	Yes
Hazus analysis	No	No	No	No	Yes	No	No		No	No	Yes	No		No	No		Yes	Yes	Yes	Yes	No
Capital improvements project funding	Yes	No			Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes		No		Yes	Yes	Yes		Yes
Authority to levy taxes for specific purposes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes
Fees for water, sewer, gas or electric services	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	N/A	Yes	Yes	Yes	Yes	No	Yes	N/A	N/A	Yes	Yes
Impact fees for new development	Yes	Yes	Yes	Yes	Yes		No	Yes	Yes	Yes	Yes	Yes	Yes		Yes	No	Yes	Yes	Yes	Yes	Yes
Storm water utility fee	No	No	Yes		Yes	No	No		No	No	No	No	No		No	No	No	No	No		No
Incur debt through general obligation bonds and or special tax bonds	Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes
Incur debt through private activities	No	No	Yes			No	No	No	No	No	No	No	No		No	No	No		No		No
Community Development Block Grant	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes		Yes	Yes	Yes
Other federal funding programs	Yes	Yes		Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes		Yes
State funding programs	Yes	Yes				Yes	Yes	Yes	No	Yes	Yes	Yes	Yes		Yes		Yes		Yes		Yes
Local citizen groups or non-profit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.	Yes	No	No	No	Yes	No	No	No	Yes	No		No	No		No	Yes	No	Yes	No	Yes	No
Ongoing public education or information program (e.g., responsible water use, fire safety, household preparedness, environmental education)	No	No	No	No	Yes	Yes	No	Yes	No	Yes	Yes	No	Yes	Yes	No	Yes	Yes	No	No		Yes
Natural disaster or safety related school programs		No	No	No	No	Yes	No		No	Yes	N/A	No	No		No	No	Yes	N/A	N/A	Yes	Yes
StormReady Certification	No	No	No	No		No	No		No	No	Yes	No	Yes		No	No	Yes	No	Yes	Yes	No
Fire wise Communities certification	No	No	No	No	Yes	No	No		No	No	N/A	No	No		No	No	No		No	No	No
Public-private partnership initiatives addressing disaster-related issues	No	No	No	No	No	No	No	No	No	No	No	No	Yes		No	Yes	No		No	No	No
Other								Yes, NYS Building Code					Yes 2015				Erosion control codes, Stormwater MGMT codes				

Table 3.3b: Jurisdictional Capability Assessment and Resource Availability (Continued)																				
Plans	Town of Montgomery	Village of Montgomery	Town of Mount Hope	City of Newburgh	Town of Newburgh	Village of Otisville	County of Orange	City of Port Jervis	Village of South Blooming Grove	Town of Tuxedo	Village of Tuxedo Park	Village of Unionville	Village of Walden	Town of Wailkill	Town of Warwick	Village of Warwick	Village of Washingtonville	Town of Wawayanda	Town of Woodbury	Village of Woodbury
Comprehensive/Land Use Plan	'88	'08	Yes	Yes	'05	'11	Yes	Yes	Yes	Yes	No	No	'10	Yes	Yes	'04	Yes	Yes	'88	'11
Capital Improvement Plan	No	Yes	No	Yes	Yes	'11	Yes	Yes	No	No	Yes	No	'10	In progress	Yes	No	No	No	No	'15
Economic Development Plan	No	Yes	No	Yes	No	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	No	No	No	No	No
Local Emergency Operations Plan	Yes	No	Yes	'09	Yes	Yes	Yes	Yes	Yes	'15	Yes	No	Yes	Yes	Yes	'15	Yes	Yes	Yes 911	Yes
Continuity of Operations Plan	No	No	Yes	No	No	Yes	Yes		No	No	Yes	No	Yes		Yes	Yes	Yes	Yes	Yes 911	Yes
Transportation Plan	No	No	No	No	No	No	Yes		Yes	No	No	No	No	N/A	Yes	No	No	No	No	No
Storm water Management Plan	Yes, '05	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes 911	Yes
Community Wildfire Protection Plan	No	No	No	No		No	No	No	No	No	Yes	No	No		No	No	No	No	No	No
Other special plans (e.g., Brownfields redevelopment, disaster recovery, coastal zone management, climate change adaptation)	No	No	No			No			Yes	Yes	Yes	Yes	No		No	Yes	Yes			
Building Code	Yes, '10	'74	'15	'10 NYS	Int'l Code '10	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NYSBC '10	NYSBC '10	NYSBC '10	NYSBC '10	NYSBC '10
Building Code Effectiveness Grading Schedule (BCEGS) Score			No	No	No		No		Yes	No	Yes	No	No			Yes	No	Yes	N/A	No
Fire Department ISO Rating			Yes	Yes	Yes		N/A	Yes		Yes	N/A		Yes	Yes		Yes	Yes		Yes	Yes
Site Plan review requirements	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Zoning Ordinance	Yes	Yes	Yes	Yes	Yes	Yes	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
Subdivision Ordinance	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
Floodplain Ordinance	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
Natural Hazard specific ordinance (storm water, steep slope, wildfire)		Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Flood Insurance rate maps	Yes, '07	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
Acquisition of land for open space and public recreation uses		Yes	Yes		Yes	Yes	Yes		Yes		Yes	No	No	Yes	Yes	No	Yes	No	Yes	Yes
Planning Commission	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Mitigation Planning Committee	No	No	No	No	Yes	No	Yes	Yes	Yes	No	Yes	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes
Maintenance programs to reduce risk (e.g., tree trimming, clearing drainage systems)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Mutual aid agreements		Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes
Chief Building Official	Yes	Yes	PT	Yes	FT	PT	Yes	FT	FT	Yes	Yes	Yes	FT		PT	FT	PT	PT	FT	FT
Floodplain Administrator	FT	Yes	No	Yes	FT	No	Yes	FT	FT	Yes	Yes	No	FT		PT	PT	PT	PT	FT	FT
Emergency Manager	FT	Yes	PT	Yes	Yes	Yes	Yes	PT	Yes	Yes	Yes	No	FT		PT	Yes	PT	PT	FT	Vol
Community Planner	Consult.	Yes	PT	Yes	Yes	No	Yes		No	Yes	Yes	No	PT	Yes	Yes	PT	No	PT	PT	FT
Civil Engineer	Consult.		PT	Yes	Yes	Yes	Yes	PT	PT	Yes	Yes	FT	FT	PT	Yes	PT	PT	PT	PT	Consult.
GIS Coordinator	No	No	PT	Yes	No	No	Yes	No	No	Yes	Yes	Yes	No		No	No	No		PT	No

Table 3.3b: Jurisdictional Capability Assessment and Resource Availability (Continued)																				
Plans	Town of Montgomery	Village of Montgomery	Town of Mount Hope	City of Newburgh	Town of Newburgh	Village of Otisville	County of Orange	City of Port Jervis	Village of South Blooming Grove	Town of Tuxedo	Village of Tuxedo Park	Village of Unionville	Village of Walden	Town of Wallkill	Town of Warwick	Village of Warwick	Village of Washingtonville	Town of Wawayanda	Town of Woodbury	Village of Woodbury
Warning Systems/Services (Reverse 911, Outdoor warning signals)	Yes	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes
Hazard data and information	No		No		No	No	Yes	Yes	Yes	No	Yes	No	No	Yes	Yes		Yes	Yes	Yes	Yes
Grant writing	As needed	Yes	Yes		No	No	Yes	Yes	No	No	Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes
Hazus analysis		No	No		No	No	Yes		No	No	Yes	No	No	Yes			No	No	No	Yes
Capital improvements project funding	Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
Authority to levy taxes for specific purposes	Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes
Fees for water, sewer, gas or electric services	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	N/A	Yes	Yes	Yes	Yes	No	Yes
Impact fees for new development	Yes	Yes	Yes	No	Yes	No	Yes		Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Storm water utility fee	Yes	No	No	No	Yes	No	Yes	No	No	No	Yes	No	Yes	No	No	No	No	No	No	No
Incur debt through general obligation bonds and or special tax bonds	Yes	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Incur debt through private activities	Yes	No	No	No	N/A	No	No	No	No	No	No	No	No		No	No	No	No	NO	No
Community Development Block Grant	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes		Y/N	Yes	N/A	Yes	Yes	Yes
Other federal funding programs			No		Yes	Yes	Yes		Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
State funding programs			No		Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes
Local citizen groups or non-profit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.	Yes	Yes	No	No		No	Yes		Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes
Ongoing public education or information program (e.g., responsible water use, fire safety, household preparedness, environmental education)	Yes	Yes	Yes	No		Yes	Yes	Yes	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	No	No	Yes
Natural disaster or safety related school programs	No	No	No	No		Yes	Yes	Yes		Yes	Yes		No	N/A	No	No	No	No	No	Yes
StormReady Certification	No	No	No	No		No	Yes		No	Yes	Yes	No	No	No		No	Yes	No	No	No
Fire wise Communities certification	No	No	No	No		No	No		No	No	Yes	No	No		No	No	No	No	No	
Public-private partnership initiatives addressing disaster-related issues	No	No	No	No		No	Yes		No	Yes	Yes	No	No			Yes	No	No	No	Yes
Other											Dams		Code Enforcement Officer		Yes					

3.4 Public Participation

During the 2018 Orange County Multi-Jurisdictional Multi-Hazard Mitigation Plan Update process, public involvement was included at two levels. At the local level, community input was sought during the hazard vulnerability and assessment phase of the project. Each participating jurisdiction was responsible for making sure their hazard history and vulnerabilities were accurately portrayed in the draft HMP. The collection of this information often times involved individuals aside from those on the Project Team. Additionally, the Project Team set up meetings with local hazard mitigation and emergency management official to facilitate discussion on the draft HMP and associated information collection. During these meetings, we asked local municipal representatives in attendance to complete several worksheets that outlined what hazards, critical facilities, etc. were most important to their individual municipality. A list of these efforts and a blank copy of the worksheets completed, can be found in Appendix A. The information retrieved from local municipal representatives through these worksheets has been summarized in their respective annexes in Section 10.

The second level of public involvement for the County HMP was provided through a stakeholders meeting, held at the Orange County Emergency Operations Center in Goshen on Wednesday, March 2, 2016. Key public organizations such as the Wallkill River Task Force, Scenic Hudson, and the Orange County Land Trust among others were invited to attend. Additionally, important private sector companies and firms such as Norfolk-Southern Rail and Orange Regional Medical Center among others were also invited to the meeting. All attendees were updated on the draft status of the plan and directed how to raise concerns and issues or to suggest potential hazard mitigation projects. Stakeholders were invited to provide comments for a 16-day period afterwards. Information and materials including a list of invitees is located in Appendix A.

Shortly after the stakeholders meeting, the general public was also invited to review the draft document and to provide comments and input on hazards, hazard response, and hazard mitigation as the draft 2016 County Multi-Jurisdictional HMP was also available for review electronically on the website of the Orange County Department of Emergency Services at <http://www.orangecountygov.com/content/1162/975/2095/1008/>. All comments received as part of the public review were considered and incorporated into the HMP, as appropriate.

Figure 3.4a:



Lastly, the complete draft HMP was also posted to the website of the Orange County Department of Emergency Services in May 2016 to allow for another round of public review and comment concurrent to review and comment by the NYSDHSES. Such comments were requested to be submitted by early June 2016. Local municipal representatives and those on the stakeholder invitation list were contacted via email from Orange County Emergency Planner Dominick Greene to make them aware of the posted full draft. Each municipal representative was directly emailed a link to their respective annex between May 17 and June 1, 2016.

When the second draft HMP was completed in April 2017 following comment from NYSDHSES, the public was notified of the plan's availability for comment and posting on the Orange County website. The public was notified via official press release from the Orange County Executive's Office in newspapers, web postings, direct email notification, and flyers posted at public gathering places throughout the county. The intake system for public comment was a survey link on the Orange County website hosted by SurveyMonkey. Documentation of this public participation phase can be found at the back of Appendix A.

A third and final draft of the HMP was completed in April 2018 following second round of comment from NYSDHSES. A final review was completed by NYSDHSES before it was forwarded to FEMA for final approval.

3.5 Coordination with Agencies

County, regional, state, and federal agencies were consulted for relevant information and recommendations with regard to the Hazard Mitigation Plan Update effort. The contributions from agencies and organizations that supported the update planning process include participation in the CEPA risk assessment, review and comment on portions of the draft HMP, and the collection and/or dissemination of information or data to be used in the planning process. These

agencies that provided the most assistance throughout this process include: FEMA, Orange County Department of Emergency Services, Orange County Division of Emergency Management, NOAA, Orange County Planning Department, Orange County G.I.S. Division, National Weather Service, New York State Office of Emergency Management, Orange County Office of Real Property, and the U.S. Geological Survey.