

SECTION 3: PLANNING PROCESS

INTRODUCTION

This section includes a description of the planning process used to develop the Town of Blooming Grove Multi-Jurisdictional All-Hazard Mitigation Plan (HMP), including how it was prepared, who was involved in the process, how the public and stakeholders were involved, and how existing plans and programs were integrated into, and coordinated with, this planning process.

To ensure that the Plan met the requirements of the DMA 2000, an approach to the planning process and plan documentation was developed to achieve the following two goals:

1. The Plan is multi-jurisdictional and considers natural hazards facing the Town of Blooming Grove Planning Area, thereby satisfying the natural hazards mitigation planning requirements specified in DMA 2000. The Town of Blooming Grove invited all jurisdictions within its planning area to join with them in the preparation of the Town of Blooming Grove Planning Area HMP. The Town of Blooming Grove, the incorporated Villages of Washingtonville and South Blooming Grove, and the Washingtonville Central School District are participating in the Plan as indicated in Table 3-1 below.

Table 3-1. Participating Jurisdictions in the Town of Blooming Grove HMP Planning Area

| Municipalities/Jurisdictions |
|---|
| Town of Blooming Grove |
| Village of South Blooming Grove |
| Village of Washingtonville |
| Washingtonville Central School District |

The Town of Blooming Grove Planning Area Multi-Jurisdictional All-Hazard Mitigation Plan was written using the best available information obtained from a wide variety of sources. Throughout Plan development, a concerted effort was made to gather information from municipal and regional agencies and staff as well as stakeholders, federal and state agencies, and the residents of The Town of Blooming Grove and participating jurisdictions. The HMP Committee solicited information from local agencies and individuals with specific knowledge of certain natural hazards and past historical events. The Committee also considered planning and zoning codes, ordinances, and other recent planning decisions affecting the Planning Area. The natural hazard mitigation strategies identified in this Plan have been developed through an extensive planning process involving local, county and regional agencies, and Town of Blooming Grove Planning Area residents and stakeholders.

2. The Plan was developed following the process outlined by DMA 2000, FEMA regulations, and FEMA and NYSOEM guidance. Following this process will ensure all the requirements are met and support Plan review.

This section of the Plan describes the mitigation planning process, including (1) Preparing to Plan; (2) Planning Partnership – Organization and Activity; (3) Stakeholder and Public Outreach and Involvement;

(4) Coordination with Existing Mitigation Efforts and Programs; (5) Integration of Existing Data, Plans, and Information; and (5) Continued Public and Stakeholder Involvement.

PREPARING TO PLAN

Many parties supported preparation of this plan, including the Planning Committee and other stakeholders. While this planning effort represents the first time The Town of Blooming Grove has worked to develop a DMA-compliant local plan, it does not represent the start of hazard risk management in the Planning Area; rather it is part of an ongoing process that various State, County and local agencies and individuals have continued to embrace. A summary of the past and ongoing mitigation efforts is provided below to give an historical perspective of the local activities implemented to reduce vulnerability to natural hazards in the planning area.

- The participating municipalities have been involved in natural hazard risk assessment, mitigation planning and project activities, prior to and/or unrelated to the current planning effort. These activities provide a strong foundation for subsequent efforts, and an awareness and understanding of the need for and benefits of mitigation planning across a broad range of regional, county and local governments and stakeholders. Several examples of such activities are presented here.
- The Town of Blooming Grove, the Village of South Blooming Grove, and the Village of Washingtonville all participate in the National Flood Insurance Program, and manage their floodplains according to the requirements of participation in that program.
- Participating jurisdictions conducted studies of specific vulnerabilities in the Planning Area in an effort to develop appropriate and cost-effective solutions, and completed mitigation actions to reduce vulnerability to hazard threats as follows:
 - Participated in the Moodna Creek Watershed Intermunicipal Council - Science and Data Committee to review flood vulnerable areas and actively seek solutions to ongoing flood issues plaguing the Blooming Grove planning area and repeatedly threatening the well-being of residents and impacting the economy of the area.
 - Officials from the Town of Blooming Grove noted the following completed and on-going mitigation actions:
 - Review of potential residential property acquisitions in vulnerable areas;
 - Procurement of a back-up generator for Water District #2. The town is bonding for funds for back-up generator for Water District #3.
 - Completed sewer district raising of four valves, and currently awaiting replacement of surge suppressor and four actuators.
 - The Town and Villages are participating in an oversight committee to address Stormwater storage in the Moodna and widening of the Satterly Creek. At present there are ongoing discussion with the science and data subcommittee with the Moodna Creek Watershed Intermunicipal Council regarding potential locations for storage;
 - Contracts have been signed to replace the lake and Glen Road Bridges;
 - Completed review along Mayfield;
 - Elevation of Tappan water facility has been completed;
 - School is looking into the relocation of Town maintenance garage
 - The Village of South Blooming Grove has addressed the following projects:
 - Installation of protective barrier at sewer pump station (Completed)
 - Old Town Road Culvert (Completed)

- Merriewold Lane south Culvert Crossing (Completed 2010)
- Satterly Creek reclamation (Completed 2010 and 2011)
- Officials from the Village of Washingtonville submitted and were awarded an HMGP grant from FEMA in December, 2012, on behalf of 18 homeowners to have their homes acquired and demolished. All homes are located in a special flood hazard area and have been certified substantially damaged as a result of Hurricane Irene and/or Tropical Storm Lee.

These past efforts and actions have contributed to the Town and jurisdictions' understanding of their hazard vulnerability, preparedness and future mitigation action needs, costs, and benefits. These efforts provide a strong foundation for the Planning Committee to use in developing this Plan.

PLANNING PARTNERSHIP – ORGANIZATION AND ACTIVITY

This section of the Plan identifies how the planning process was organized with the many planning partners involved, and outlines the major activities that were conducted in the development of this Plan.

Organization of Planning Partnership

Recognizing the need to manage natural risk within the Planning Area, and to meet the requirements of the DMA 2000, the Town of Blooming Grove Engineering Office was responsible for project management and grant administration for this natural hazards Mitigation Plan project.

On November 10, 2011, the Town of Blooming Grove was notified by NYSOEM that their application for a planning grant to engage in the process of mitigation planning and to produce a multi-jurisdictional mitigation plan under FEMA’s Hazard Mitigation Grant Program (HMGP 1899) was approved. On April 16, 2012, NYSOEM provided the Town a fully executed grant agreement. Subsequently, the Town selected a contract Planning Consultant (Tetra Tech, Inc. –Morris Plains, NJ). A contract between Tetra Tech, Inc. (Tetra Tech) and the Town of Blooming Grove was executed on January 17, 2013. Specifically Tetra Tech, the contract consultant, was tasked with:

- Assisting with the organization of a Planning Committee;
- Assisting with the development and implementation of a public and stakeholder outreach program;
- Data collection;
- Facilitation and attendance at meetings (Planning Committee, stakeholder, public and other);
- Identification of the hazards of concern, and hazard profiling and risk assessment;
- Assistance with the development of mitigation planning goals and objectives;
- Assistance with the screening of mitigation actions and the identification of appropriate actions;
- Assistance with the prioritization of mitigation actions;
- Authoring of the Draft and Final Plan documents.

At the commencement of the project, the contract consultant worked with the Town to identify a Hazard Mitigation Planning Committee (“Planning Committee”) comprised of municipal personnel, local emergency first responders, contract consultants, and other stakeholders. Table 3-2 shows the current members of the Planning Committee, at the time of this Plan’s publication.

Table 3-2. Town of Blooming Grove Planning Committee

| Name | Organization | Title |
|-------------------------------------|---|----------------------------------|
| Frank Fornario | Town of Blooming Grove | Supervisor |
| Brandon Nielsen | Town of Blooming Grove | Deputy Supervisor |
| Dave Heintz (formerly Kevin Hudson) | Village of Washingtonville | Mayor and Planning Board |
| Rob Jeroloman | Village of South Blooming Grove | Mayor |
| Jim Farr* | Town of Blooming Grove | Town/Village Engineer |
| Jeanne Ovensen | Town of Blooming Grove; Village of South Blooming Grove | Building Inspector |
| Doug Mitchell | Town of Blooming Grove | Emergency Management Coordinator |
| Sal Amante | Town of Blooming Grove | Highway Superintendent |

| Name | Organization | Title |
|-----------------|----------------------------|-------------------------------|
| Rick Lewis | Town of Blooming Grove | Chamber of Commerce |
| Kelly Dobbins | Orange County | Senior Planner |
| Dominick Greene | Orange County | Hazard Mitigation Coordinator |
| Paul Nienstadt | Washingtonville SD | Director of Operations |
| Chris DeMartino | Village of Washingtonville | DPW |

*Chair

The Planning Committee supported the following planning activities, under the guidance and direction of the contract consultant:

- Establish plan development goals;
- Establish a timeline for completion of the plan;
- Ensure that the plan meets the requirements of DMA 2000, and FEMA and NYSOEM guidance;
- Solicit and encourage the participation of regional agencies, a range of stakeholders, and citizens in the plan development process;
- Assist in gathering information for inclusion in the plan, including the use of previously developed reports and data;
- Identify, develop, and prioritize appropriate mitigation initiatives;
- Review, amend, and approve all sections of the plan; and
- Support the adoption, implementation, and maintenance of the plan.

On February 5, 2013, the Planning Committee met for the first time and continued to meet throughout the year. Members of the Committee (individually and as a whole), as well as key stakeholders, convened and/or communicated on an as-needed basis to share information and participate in workshops to identify hazards; assess risks; identify critical facilities; assist in developing mitigation goals, objectives and actions; and provide continuity through the Plan development process to ensure that natural hazards vulnerability information and appropriate mitigation strategies were incorporated into the Plan. Each member of the Planning Committee reviewed the Plan, supported interaction with other stakeholders, and assisted with public involvement efforts.

After completion of the Plan, implementation and ongoing maintenance will become a function of the Planning Committee. The Planning Committee will review the Plan and accept public comment as part of an annual review and as part of the five year Mitigation Plan Update.

Planning Partnership Activities

A summary of Planning Committee meetings held during the development of this Plan is included in Table 3-3. It must be recognized that this summary table identifies only the formal meetings held during plan development, and does not reflect all of the activities conducted by individuals and groups throughout the planning process. In addition to these meetings there was a great deal of communication between Planning Committee members through electronic mail (email), and by phone.

The participating jurisdictions agreed to abide by the Planning Partner Expectations and Planning Committee Guidelines. Participation is defined as having input to the hazard analysis (providing critical facility, hazard event, vulnerability data), and as having participated in the annex workshop or alternate

annex meetings as described above for the purpose of creating a mitigation strategy to be included in each municipalities annex in Section 9 of the plan.

Table 3-3 presents a summary of Planning Committee activities and general project planning efforts conducted during the Plan development process, as well as key milestones in the Plan’s development. It also identifies which DMA 2000 requirements each activity satisfies. This table is intended to give a broad overview of who attended meetings and when input was provided to the plan. All participants were encouraged to attend the Kick-off Meeting and Jurisdictional Annex Workshop. During the planning process the consultant contacted each participant to offer support, explain the process, and to facilitate the submittal and review of critical documents.

Table 3-3. Summary of Mitigation Planning Activities / Efforts

| Date | Activity/DMA 2000 Requirement | Key Outcomes/Purpose | Attendees |
|---|--------------------------------------|---|--|
| November 10, 2011 | 1a | Advised that HMGP-1899-0018 was accepted by FEMA | Town of Blooming Grove |
| April 16, 2012 | 1a | Fully executed NYSOEM grant contract agreement executed by Town of Blooming Grove | Town of Blooming Grove |
| January 10, 2013 | Pre-project Meeting 2 | Pre-Kick-Off Meeting | Town of Blooming Grove: Frank Fornario, Mayor Jim Farr, Town Engineer Tetra Tech: Cynthia Bianco, Project Manager Paul Miller, Senior Disaster Recovery/Mitigation Planner |
| February 5, 2013 | Steering Committee Meeting 2, 3a, 3b | Planning Committee #1/Kick-Off Meeting | Town of Blooming Grove: Jim Farr, Town Engineer Rick Lewis, President Chamber of Commerce Richard Bachman, Resident Jeanne Ovensen, Building Inspector Luther Rahman, Subway Owner Doug Mitchell, Emergency Management Orange County: Dominick Greene, Hazard Mitigation Coordinator Kelly Dobbins, Senior Planner Village of South Blooming Grove: Rob Jeroloman, Mayor Village of Washingtonville: Kevin M. Hudson, Mayor Terry Hughes, PE/Resident Valerie Prunty, Resident Washingtonville Central School District: Robbie Greene, Superintendent Greg Kern, Asst. Superintendent Paul Niendstadt, Director of Operations FEMA: Scott Wise, Community Planner Howard Coppari, Community Planner Sandra Simonson, Planning/Grants Steve Greene, Community Planner Tetra Tech: Cynthia Bianco, Project Manager Paul Miller, Senior Disaster Recovery/Mitigation Planner |
| Various dates throughout planning process | Public Meeting 1b, 2 | Moodna Creek Watershed Intermunicipal Council - Science and Data Committee to provide information to the committee on the hazard Mitigation Plan process and to obtain input from the flood committee regarding vulnerable areas in the county and ongoing or proposed mitigation projects. | Various |
| February 19, 2013 | Steering Committee Meeting | Planning Committee Meeting #2 – Conference Call: Discuss HMP | Town of Blooming Grove: Jim Farr, Town Engineer |

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| Date | Activity/DMA 2000 Requirement | Key Outcomes/Purpose | Attendees |
|----------------|---|---|---|
| | 2, 3a, 3b, 3c, 3d Public Meeting 1b, 2 | overview, homework sheets, data wish list, committee ground rules, mission statement, data collection, NFIP data request, and public and stakeholder outreach. | <p>Jeanne Ovensen, Building Inspector</p> <p>Orange County: Dominick Greene, Hazard Mitigation Coordinator Kelly Dobbins, Senior Planner</p> <p>Village of South Blooming Grove: Rob Jeroloman, Mayor Brandon Neilson</p> <p>Village of Washingtonville: Kevin M. Hudson, Mayor Terry Hughes, PE/Resident</p> <p>Washingtonville Central School District: Paul Niendstadt, Director of Operations</p> <p>FEMA: Sandra Simonson, Planning/Grants Doug Winkler Arnold Dejour</p> <p>Tetra Tech: Cynthia Bianco, Project Manager Paul Miller, Senior Disaster Recovery/Mitigation Planner</p> |
| March 12, 2013 | Steering Committee Meeting 2, 3a, 3b, 3c, 3d, 4a | Planning Committee Meeting #3: Discuss the plan status, goals and objective, project schedule, data collection, survey outreach, hazards of concern. | <p>Town of Blooming Grove: Frank Fornario, Supervisor Brandon Nielsen, Deputy Supervisor Jim Farr, Town Engineer Rick Lewis, President Chamber of Commerce Jeane Ovensen, Building Inspector Doug Mitchell, Emergency Management Sal Amante, Highway Superintendent</p> <p>Orange County: Dominick Greene, Hazard Mitigation Coordinator Kelly Dobbins, Senior Planner</p> <p>Village of South Blooming Grove: Rob Jeroloman, Mayor</p> <p>Village of Washingtonville: Kevin M. Hudson, Mayor and Planning Board</p> <p>Washingtonville Central School District: Chris DiMartino, DPW Jeff Dolan, Building Inspector Paul Niendstadt, Director of Operations</p> <p>FEMA: Scott Wise, Community Planner Howard Coppari, Community Planner Sandra Simonson, Planning/Grants Steve Greene, Community Planner</p> <p>Tetra Tech: Cynthia Bianco, Project Manager Paul Miller, Senior Disaster Recovery/Mitigation Planner</p> |
| April 4, 2013 | Public Meeting 1b, 2 | Public Information Meeting: What is Hazard Mitigation; What is a Hazard Mitigation Plan; Why do we need a Hazard Mitigation Plan; Plan Development; Risk Assessment; Mitigation Action Plan; Next Steps | <p>Town of Blooming Grove: Jim Farr, Town Engineer Kathy Wells Calhoun, Councilwoman Brandon Nielson, Deputy Supervisor</p> <p>Village of South Blooming Grove: Rob Jeroloman, Mayor Brandon Neilson Dorine Sas-Trustee Jim Mullany-Trustee</p> <p>Village of Washingtonville: Joe Galante, Deputy Mayor</p> <p>Washingtonville Central School District: Paul Niendstadt, Director of Operations</p> <p>Public: Margaret Lockwood Jeff Topps Barbara Topps Kate Matthews Diane Millett Walley Millet Steve Matthews</p> |



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| Date | Activity/DMA 2000 Requirement | Key Outcomes/Purpose | Attendees |
|---------------|---|--|---|
| | | | Valerie Prunty Kate Ahnad P. Erickson Vincent Ferri Tetra Tech: Cynthia Bianco, Project Manager Paul Miller, Senior Disaster Recovery/Mitigation Planner |
| May 28, 2013 | Steering Committee Meeting 2, 3a, 4a | Steering Committee #4- Discuss HMP status, set meeting dates, tax assessor data collection, review of hazard profiles, review plan maintenance procedure, and public and stakeholder outreach. | Town of Blooming Grove: Frank Fornario-Town Supervisor Jim Farr, Town Engineer Jeanne Ovensen, Building Inspector Village of Washingtonville: Terry Hughes, PE/Resident Washingtonville Central School District: Paul Niendstadt, Director of Operations Orange County: Dominick Greene, Hazard Mitigation Coordinator Kelly Dobbins, Senior Planner Blooming Grove/Washingtonville Chamber of Commerce: Rick Lewis-President Tetra Tech: Cynthia Bianco, Project Manager, Mitigation Planner |
| June 17, 2013 | Stakeholder Outreach-Radio Broadcast | Public Information Broadcast noting opportunities for stakeholder input and benefits of mitigation planning on WTBR-Radio | Town of Blooming Grove: Frank Fornario, Supervisor Public Radio Audience Tetra Tech: Cynthia Bianco-Tetra Tech |
| June 23, 2013 | Public Meeting 1b, 2 | Public Meeting to present draft plan and obtain public and stakeholder input | Charles Quick-resident Ed Brancatei-District Director-US Representative Sean Patrick Maloney's Office Joe Galante-Village of Washingtonville Trustee Kathy Wells –Calhoun-Blooming Grove Councilwoman Michele Murphy-Councilwoman-Blooming Grove Kevin M. Hudson-Former Mayor, Washingtonville Terry Hughes, PE-Resident, Washingtonville Vince Ferri-Environmental Investigator Walter Millett-Resident, Washingtonville Jean Bauer-Resident, Homeowner Gene Bauer-Resident, Homeowner Richard McGooley-Town/Villages Engineer Ralph Bisquert- Dorine Sas-Village of South Blooming Grove Trustee John Hickey-Deputy Mayor-Village of South Blooming Grove Robert Fromagit- Kevin O'Leary- Valerie Prunty-Resident David Heintz-Mayour-Village of Washingtonville Rick Lewis-President Blooming Grove/Washingtonville Chamber of Commerce Dominick Green-Orange County Hazard Mitigation Coordinator Johanna Kiernon Russell Hallock |
| June 27, 2013 | Steering Committee Meeting - SWOO 2, 4a, 4b | Strengths, Weaknesses, Obstacles, and Opportunities Workshop | Town of Blooming Grove: Jim Farr, Town Engineer Cathy Weiss Calhoun-Council Jeanne Ovensen, Building Inspector Douglas Mitchell-Director Emergency Management Orange County: Dominick Greene, Hazard Mitigation Coordinator Kelly Dobbins, Senior Planner Village of South Blooming Grove: Rob Jeroloman, Mayor John Salka-Captain SBG Fire Department |

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| Date | Activity/DMA 2000 Requirement | Key Outcomes/Purpose | Attendees |
|--------------------|---|---|---|
| | | | Village of Washingtonville: Joe Galante-Trustee Washingtonville Central School District: Paul Niendstadt, Director of Operations Public: Valerie Prunty Richard Backin Nicholas Sherman-Past Assistant Captain BG VAC Orange County: Dominick Greene, Hazard Mitigation Coordinator Blooming Grove/Washingtonville Chamber of Commerce: Rick Lewis-President Tetra Tech: Cynthia Bianco, Project Manager |
| August 2, 2013 | | Moodna Creek Watershed Intermunicipal Council - Science and Data Committee; Conference Call | Orange County: Kelly Dobbins, Senior Planner Moodna Creek Watershed Intermunicipal Council: Jay Beaumont Simon Gruber Matt Ryan, planner with my Dept. Jim Mullany Emily Vail Terry Hughes Dick Manley |
| June, July, August | Jurisdictional Annex Meetings 2, 3e, 4a, 4b | Mitigation Strategy Meetings | Town of Blooming Grove: Jim Farr, Town Engineer Richard MeGooley-Town Engineer Brandon Nielsen, Deputy Supervisor Village of South Blooming Grove: Rob Jeroloman, Mayor Village of Washingtonville: Dave Heintz-Mayor Joe Galante, Deputy Mayor Washingtonville Central School District: Paul Niendstadt, Director of Operations Orange County: Dominick Greene, Hazard Mitigation Coordinator Kelly Dobbins, Senior Planner Tetra Tech: Cynthia Bianco, Project Manager |
| August 13, 2012 | Steering Committee meeting- 2, 4c, 5a, 5b, 5c | Steering Committee meeting- Hazard Mitigation Planning Overview; Finalization of Annexes; Maintenance Procedure; Incorporation of Public Comments | Town of Blooming Grove: Frank Fornario-Town Supervisor Jim Farr, Town Engineer Jeanne Ovansen, Building Inspector Village of Washingtonville: Terry Hughes, PE/Resident Washingtonville Central School District: Paul Niendstadt, Director of Operations Orange County: Dominick Greene, Hazard Mitigation Coordinator Kelly Dobbins, Senior Planner Blooming Grove/Washingtonville Chamber of Commerce: Rick Lewis-President Tetra Tech: Cynthia Bianco, Project Manager, Mitigation Planner |

Note: TBD = to be determined. Each number in column 2 identifies specific DMA 2000 requirements, as follows:

- 1a Prerequisite – Adoption by the Local Governing Body
- 1b Public Participation
- 2 Planning Process – Documentation of the Planning Process
- 3a Risk Assessment – Identifying Hazards
- 3b Risk Assessment – Profiling Hazard Events
- 3c Risk Assessment – Assessing Vulnerability: Identifying Assets



- 3d Risk Assessment – Assessing Vulnerability: Estimating Potential Losses
- 3e Risk Assessment – Assessing Vulnerability: Analyzing Development Trends
- 4a Mitigation Strategy – Local Hazard Mitigation Goals
- 4b Mitigation Strategy – Identification and Analysis of Mitigation Measures
- 4c Mitigation Strategy – Implementation of Mitigation Measures
- 5a Plan Maintenance Procedures – Monitoring, Evaluating, and Updating the Plan
- 5b Plan Maintenance Procedures – Implementation through Existing Programs
- 5c Plan Maintenance Procedures – Continued Public Involvement

STAKEHOLDERS INVOLVED IN MITIGATION PLANNING

This section presents (1) municipal involvement, (2) state and regional agency involvement, (3) public participation – citizen involvement, and outreach to business, utility, educational, non-profits, and other stakeholders.

Diligent efforts were made to assure broad regional, county and local representation in this planning process. To that end, a comprehensive list of stakeholders was developed with the support of the Steering and Planning Committee. Stakeholder outreach was performed early on, and continually throughout, the planning process. In addition to “mass media” notification efforts, identified stakeholders were invited to attend the Kick-Off meeting, while key stakeholders were requested to participate on the Steering and/or Planning Committees.

The following is list of the various stakeholders that were invited to participate in the development of this Plan, along with a summary of how these stakeholders participated and contributed to the Plan. It should be noted that this summary listing does not represent the sum total of stakeholders that were aware of and/or contributed to this Plan, as outreach efforts were being made, both formally and informally, throughout the process by the many planning partners involved in the effort, and documentation of all such efforts is impossible. Rather, this summary is intended to demonstrate the scope and breadth of the stakeholder outreach efforts made during the development of this Plan.

Information and input provided by these stakeholders has been included throughout this Plan where appropriate, as identified in the references.

In January, 2013 stakeholders were invited to join the planning process calls and participate in the development of the Plan via email or phone. These stakeholders included

Table 3-4. Town of Blooming Grove Stakeholders

| Stakeholder Category | Company/Organization Name |
|---------------------------------|--|
| Schools | Washingtonville Central School District |
| Regional Watershed Associations | Moodna Creek Watershed Intermunicipal Council - Science and Data Committee |
| Utilities | Orange and Rockland |
| | |

In addition, stakeholders were invited to the review and comment on the draft plan via various multi-media methods including articles in the local papers, online news services, Facebook, public radio, as town meeting agenda items, and during the interim and final public outreach meetings.

Municipal and Local Involvement

The HMP Committee and/or its members and contract consultant met and communicated with relevant representatives of the participating jurisdictions to obtain data and information, review existing Plans and capabilities, and facilitate the identification of appropriate mitigation initiatives. Further, these departments have reviewed the Draft Plan and provided direct input during its development.

Throughout the course of updating the Hazard Mitigation Plan, the Committee Chair sent correspondence to participating municipalities to update them on the process, make them aware of important meeting dates and other plan review activities. This correspondence included emails, letter and phone conversations with many of the municipal stakeholders. For each of the stakeholders the distribution list included:

- Town Supervisor or Village Mayor
- Town Clerk
- Town Engineer
- Highway Superintendent
- Code Enforcement
- Primary Point of Contact
- Secondary Point of Contact

The Planning Committee and its members met and communicated regularly to obtain mitigation planning information for HMP preparation. Meeting sign-in sheets which indicate the municipal and stakeholder participants are provided in Appendix I.

Federal, State, County, and Regional Agency Involvement

Throughout this Planning process, the Planning Committee actively sought the involvement of a wide range of county, state and regional stakeholders, including:

New York State Office of Emergency Management (NYSOEM)
New York State Department of Environmental Conservation
Federal Emergency Management Agency (FEMA) – Region II
USDA National Resources Conservation Service (NRCS):
Town of Blooming Grove
Village of South Blooming Grove
Village of Washingtonville
Washingtonville Central School District
Orange County Office of Emergency Management
Orange County Planning Department

At a minimum, these stakeholders were advised of the planning process and provided the opportunity to review and provide direct input to the Plan during its development. Further, the HMP Committee and/or its members and contract consultant, met and/or directly communicated with many of these stakeholders to obtain data and information, review existing plans, and facilitate the identification of appropriate mitigation initiatives. Specific information obtained from these stakeholders is cited and/or referenced throughout this Plan.

Input from stakeholders specifically included:

NYSOEM

Provided program support for Planning Committee; provided data, information and guidance on mitigation planning and grant programs; and provided recent planning grant guidance.

New York State Department of Environmental Conservation

Provided data and information to Plan, specifically in the area of NFIP compliance.

Federal Emergency Management Agency (FEMA) – Region II

Provided planning grant funding, provided programmatic guidance and support, provided National Flood Insurance Program data for the Municipalities. FEMA local reservists attended meetings to provide technical assistance to the participants.

USDA National Resources Conservation Service (NRCS) - Contributed data and information to the Plan.

Government Agencies

The Town of Blooming Grove

Town of Blooming Grove Department of Public Works

Committee member, attended Steering and Planning Committee meetings, provided input to inventory and risk assessment, reviewed plan sections, identified potential county and regional mitigation initiatives.

Town of Blooming Grove Engineer

Committee chair, Committee member; Supported public and stakeholder outreach efforts, identified completed and ongoing mitigation activities; provided updates to the county mitigation strategy.

Town of Blooming Grove Supervisor

Committee member; Supported public and stakeholder outreach efforts, identified completed and ongoing mitigation activities; provided updates to the county mitigation strategy.

Town of Blooming Grove Emergency Management

Provided data and information on assets and vulnerabilities throughout the County; supported public and stakeholder outreach, identified completed and ongoing mitigation activities and updates to the county and local mitigation strategies; reviewed and provided comment on draft plan sections; facilitated regional mitigation planning coordination.

Town of Blooming Grove Board

Attended public meetings and SWOO; provided authorization for grant, contracting, and the planning organizational structure; promoted and facilitated municipal participation, up to and including adoption of the Plan.

Village of South Blooming Grove

Village of Blooming Grove Mayor

Committee member; Supported public and stakeholder outreach efforts, identified completed and ongoing mitigation activities; provided updates to the county mitigation strategy.

Village of Washingtonville

Village of Washingtonville Mayor

Committee member; Supported public and stakeholder outreach efforts, identified completed and ongoing mitigation activities; provided updates to the county mitigation strategy.

Washingtonville Central School District

Committee member; Supported public and stakeholder outreach efforts, identified completed and ongoing mitigation activities; provided updates to the county mitigation strategy.

Orange County

Orange County Mitigation Coordinator

Committee member; Supported public and stakeholder outreach efforts, identified completed and ongoing mitigation activities; provided updates to the county mitigation strategy.

Orange County Planning

Committee member; supported public and stakeholder outreach efforts, identified completed and ongoing mitigation activities; provided updates to the county mitigation strategy.

FEMA

Attended meetings; provided technical support as needed.

Surrounding Municipalities or Agencies

The surrounding towns have been informed of plan activity, progress and opportunities for input at regular meetings of the Moodna Creek Watershed Intermunicipal Council - Science and Data Committee.

Commercial and Industrial Interests

The Town of Blooming Grove Chamber of Commerce

Steering Committee Member: provided data, reviewed draft plan sections, participated in Strengths, Weaknesses, Obstacles, and Opportunities (SWOO) workshop, identified potential initiatives.

Government Agencies

Information regarding hazard identification, risk assessment, and mitigation actions for this plan was also requested and received from the following agencies and organizations:

- National Climatic Data Center (NCDC)
- National Hurricane Center (NHC)
- National Oceanic and Atmospheric Administration (NOAA)
- National Resources Conservation Service (NRCS)
- National Weather Service (NWS)
- New York State Department of Environmental Conservation (NYSDEC)
- New York State Department of Health (NYSDOH)
- New York State Department of Transportation (NYSDOT)
- New York State Disaster Preparedness Commission (NYSDPC)
- NYSOEM
- Storm Prediction Center (SPC)
- U.S. Army Corps of Engineers (USACE)
- U.S. Census Bureau
- U.S. Department of Agriculture (USDA)
- U.S. Department of Health and Human Services
- U.S. Environmental Protection Agency (USEPA)
- U.S. Geological Survey (USGS)
- U.S. Fish and Wildlife Service

Public Participation - Citizen Involvement

In order to facilitate better coordination and communication between the Planning Committee and citizens and to involve the public in the planning process, it was determined that draft documents will be made available to the public through a variety of venues. The participating partners feel that providing a Plan that is in a printed form (in addition to an on-line format) is valuable because it is familiar, even reassuring, to citizens who have been part of a comprehensive planning process and have suffered losses due to a hazard. Some citizens also may not be comfortable with on-line tools or may not have internet access. The participating partners also feel that community input on the HMP will increase the likelihood of hazard mitigation becoming one of the standard considerations in the evolution and growth of The Town of Blooming Grove and participating jurisdictions.

The Planning Committee has made the following efforts toward public participation in the development and review of the Plan:

- The public was informed of the hazard mitigation planning effort commencement at the kick-off meeting, and through press releases, new articles, and public service announcements. To inform the public of the ongoing Plan effort, updates regarding the mitigation planning process have been made at Town of Blooming Grove, Village of Blooming Grove, and Village of Washingtonville Board Meetings.

- Multi-media outreach was provided to inform the public of the process. This included radio spots on the local radio station WTbQ which provided progress and meeting dates. In addition, the final public meeting was posted on the message board outside of Washingtonville Central School District.
- A public website is being maintained as another way to facilitate communication between the Planning Committee and Planning Area residents (<http://www.townofbloominggroveny.com/Media/2013HazardMitigationPlan.aspx>). The public website contains a project overview, Town of Blooming Grove contact information, and sections of the HMP for public review and comment. See Figures 3-1 and 3-2 and Appendix C for screenshots of this public website. The website went live in February 2013.
- Links to the public website will be established by the Villages of South Blooming Grove and the Washingtonville. These links will be on the home web pages of each jurisdiction.
- The public has been informed of the mitigation planning process through media coverage and articles. Copies of these articles may be found in Appendix C.
- In order to facilitate coordination and communication between the Planning Committee and citizens and involve the public in the planning process, the Plan will be available to the public through a variety of venues. A printed version of the Plan will be maintained at the Town of Blooming Grove, Village of Blooming Grove, and Village of Washingtonville Clerk's Offices as well as the Town library.
- On January 26, 2013, a press release was sent to local media outlets including the Orange County Post. Sample news clippings are provided in Appendix C to illustrate media coverage.
- An on-line natural hazards preparedness citizen survey was developed to gauge household preparedness that may impact the County and to assess the level of knowledge of tools and techniques to assist in reducing risk and loss of those hazards (<http://www.townofbloominggroveny.com/Media/2013HazardMitigationPlan.aspx>). The questionnaire asked quantifiable questions about citizen perception of risk, knowledge of mitigation, and support of community programs. The questionnaire also asked several demographic questions to help analyze trends. Responses were collected and incorporated into Strengths, Weaknesses, Obstacles, and Opportunities (SWOO) discussions and the catalog of mitigation actions. A summary of survey results is provided in Appendix H of this plan.
- The questionnaire has been available on the public website since March, 2013, and further advertised on their website devoted to Hazard Mitigation Planning. Response rates to date are considered good. Appendix H summarizes public input received through the website, the online survey, and other sources.
- A hazard mitigation planning tri-fold brochure (see Appendix C) was developed to inform the public of the planning process, provide local contact information, and encourage the public to review the plan and provide input.
- Media representatives were present at the June 23, 2013 Public Meeting to present the Draft Plan and published an article regarding the meeting and planning process.
- On July 27, 2013, portions of the Draft Plan was posted to the public website (<http://www.townofbloominggroveny.com/Media/2013HazardMitigationPlan.aspx>) as they became available. This was an opportunity for public comment on the Draft Plan before it was submitted for review by NYSOEM. All public comments were directed to the Town of Blooming Grove

Supervisor for collection and review by the Planning Committee. Any public comments received before submittal to FEMA will be incorporated into the plan.

Examples of public outreach efforts are presented in Appendix C. Public comments that have been received to date are documented in Appendix C.

Figure 3-1. Screenshot of the Hazard Mitigation Plan Link on the Town of Blooming Grove Government Website

The screenshot shows a web browser window with the address bar displaying www.townofbloominggroveny.com/HazardMitInfo.aspx. The browser's toolbar includes various icons for services like Accutest, FedEx, Google, IAL, My Tetra Tech, NJDEP, Tetra Linx, TtEMI Intranet, NJDEP EDSA, and Gmail. The website header features the Town of Blooming Grove logo, which includes the text "WELCOME TO THE", "1799", "1999", "TOWN OF BLOOMING GROVE", and "A Bicentennial Community". To the right of the logo, the text reads "Town of Blooming Grove" and "Orange County, New York". A search bar with the text "Search..." is located in the top right corner. Below the header is a navigation menu with the following items: Home, Hazard Mit. Info (which is highlighted), Officials, Departments, Recreation, Media, Contact, and Refuse Districts. The main content area is titled "Project Details" and contains the following text:

July 23rd Presentation

Draft Plan

You are encouraged to learn more about the Town of Blooming Grove and Villages of South Blooming Grove and Washingtonville All-Hazards Mitigation Plan by visiting our website at www.townofbloominggroveny.com. The draft plan document will be posted on this site for public review and comment.

Further, we welcome your interest and input by mail, telephone or email to:
Frank Fornario, Town Supervisor at (845) 496-5223, ext. 1.

At the bottom of the page, there is a section titled "Upcoming Events" with a calendar entry for "AUG Zoning Board of Appeals".

Source: <http://www.townofbloominggroveny.com/Media/2013HazardMitigationPlan.aspx>

Figure 3-2. Screenshot of the Town of Blooming Grove Hazard Mitigation Plan Public Website

www.townofbloominggroveny.com/HazardMitProject/DraftPlan.aspx

dvantage Welcome to Access ... Accutest FTP FedEx® Google IAL My Tetra Tech NJDEP Tetra Linx TtEMI Intranet NJDEP EDSA Gmail

WELCOME TO THE **Town of Blooming Grove**
Orange County, New York
"A Bicentennial Community"

Login
Search...

Home Hazard Mit. Info Officials Departments Recreation Media Contact Refuse Districts

Upcoming Events

| | |
|------------------|---|
| AUG 14 | Zoning Board of Appeals General Meeting 7:30 PM |
| AUG 26 | Town Board Meeting 7:30 PM |
| SEP 2 | Town Board Work Session 6:30 PM |

Table of Contents Hazard Mitigation Plan (Draft)

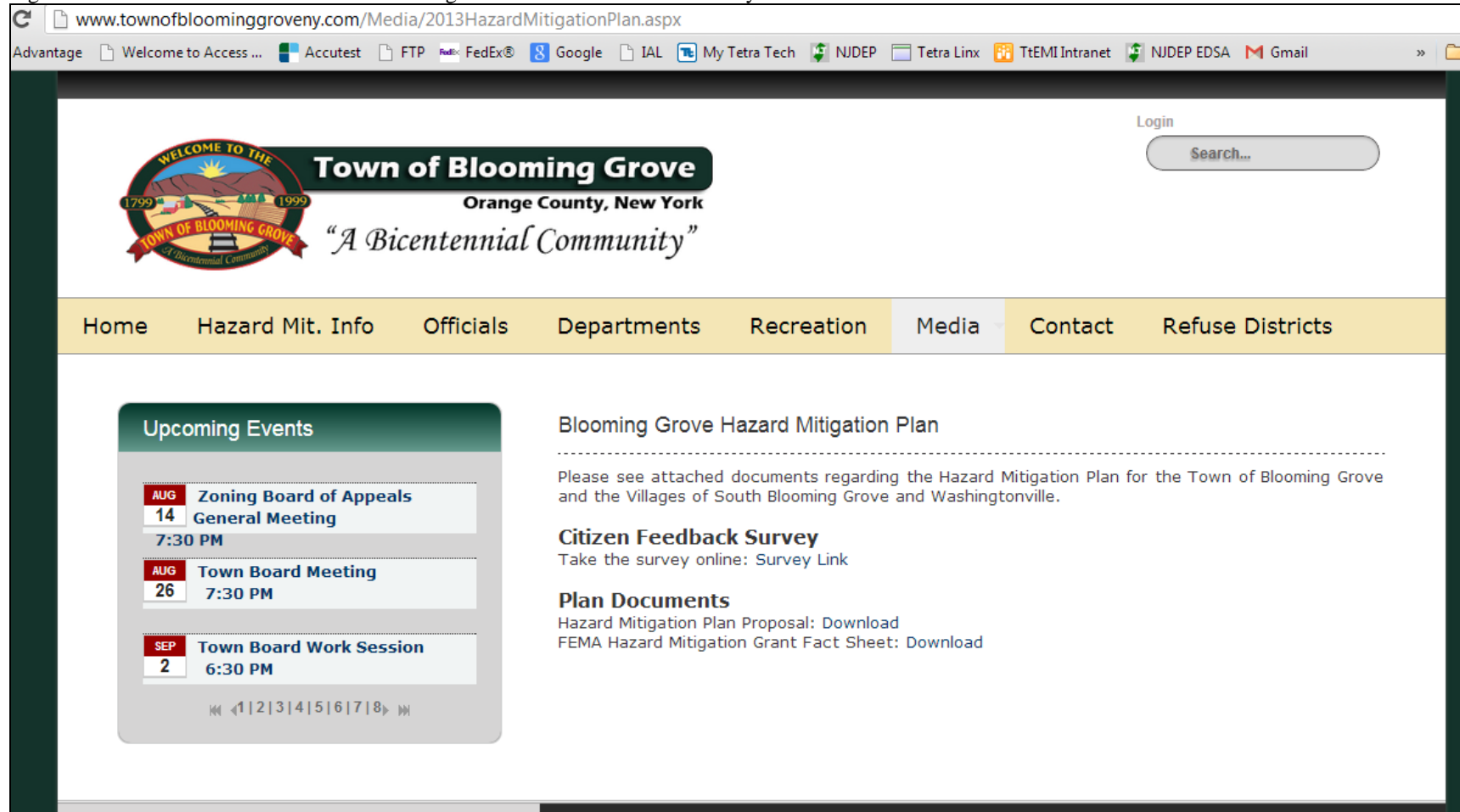
Indented Items are Under Construction

Cover

- SECTION 1 INTRODUCTION (Section under construction) 1-1
 - Background 1-1
 - DMA 2000 Origins -The Robert T Stafford Disaster Relief and Emergency Assistance Act 1-1
 - Organizations Involved in the Mitigation Planning Effort 1-1
 - Multiple Agency Support for Hazard Mitigation 1-1
 - Implementation of the Planning Process 1-5
 - Benefits of Mitigation Planning 1-5
 - Organization of this Mitigation Plan 1-5
- SECTION 2 PLAN ADOPTION (Section under construction) 2-1
 - Overview 2-1
 - Plan Adoption by Local Governing Bodies 2-1
- SECTION 3 PLANNING PROCESS (Section under construction) 3-1

Source: <http://www.townofbloominggroveny.com/Media/2013HazardMitigationPlan.aspx>

Figure 3-3. Screenshot of the Town of Blooming Grove Link to the Public Survey



Source: <http://www.townofbloominggroveny.com/Media/2013HazardMitigationPlan.aspx>

Specific comments and input received from the public and stakeholders are presented in Appendix C.

The community had an opportunity to comment on the draft HMP before submittal to NYSOEM/FEMA.

The HMP was posted on the public website in July 27, 2013 for review. Comments were directed to the Town of Blooming Grove Supervisor for review, response, and incorporation as appropriate into the Plan.

COORDINATION WITH EXISTING PLANNING EFFORTS AND PROGRAMS

Local municipalities are charged with the development of local HMPs required under Section 322 of the Stafford Act by New York. In New York, Article 2B Section 23 of State Executive Law authorizes local communities to prepare local disaster plans based on the contention that local municipalities are best equipped to assess their strengths and weaknesses, opportunities, and constraints. Local governments have intimate knowledge of the local geography, and in a disaster, local government personnel are on the front lines providing personnel and equipment to support the community. The Town of Blooming Grove and the participating jurisdictions are involved in this above program, hence the development of this Plan.

Examples of other hazard mitigation programs in which The Town of Blooming Grove is involved include the National Flood Insurance Program (NFIP) and the Hazard Mitigation Grant Program (HMGP). These programs assist The Town of Blooming Grove in receiving funding for flood mitigation projects and flood insurance (the HMGP also can provide funds to mitigate other natural hazards). Data from the Town, based on participation in these programs, was incorporated in the risk assessment in Section 5 and used to identify mitigation options in Section 9. Continued involvement in these flood-related programs will help to administer funds and resources to support this HMP.

Federal Hazard Mitigation Funding Opportunities

Federal mitigation grant funding (Stafford Act 404 and 406) is available to all communities with a current hazard mitigation plan (this plan); however most of these grants require a “local share” in the range of 10-25% of the total grant amount. Participation in FEMA 404 HMGP may cover mitigation activities including raising, removing, relocating or replacing structures within flood hazard areas. The FEMA mitigation grant programs are described below.

Hazard Mitigation Grant Program (HMGP)

The HMGP is a post-disaster mitigation program. It is made available to states by FEMA after each Federal disaster declaration. The HMGP can provide up to 75% funding for hazard mitigation measures. The HMGP can be used to fund cost-effective projects that will protect public or private property in an area covered by a federal disaster declaration or that will reduce the likely damage from future disasters. Examples of projects include acquisition and demolition of structures in hazard prone areas, flood-proofing or elevation to reduce future damage, minor structural improvements and development of state or local standards. Projects must fit into an overall mitigation strategy for the area identified as part of a local planning effort. All applicants must have a FEMA-approved Hazard Mitigation Plan (this plan).

Applicants who are eligible for the HMGP are state and local governments, certain nonprofit organizations or institutions that perform essential government services, and Indian tribes and authorized tribal organizations. Individuals or homeowners cannot apply directly for the HMGP; a local government must apply on their behalf. Applications are submitted to NYSOEM and placed in rank order for available funding and submitted to FEMA for final approval. Eligible projects not selected for funding are placed in an inactive status and may be considered as additional HMGP funding becomes available.

Flood Mitigation Assistance (FMA) Program

FMA provides funding to assist states and communities in implementing measures to reduce or eliminate the long-term risk of flood damage to buildings, manufactured homes, and other structures insurable under the NFIP. The FMA is funded annually; no federal disaster declaration is required. Only NFIP insured homes and businesses are eligible for mitigation in this program. Funding for FMA is very limited and, as with the HMGP, individuals cannot apply directly for the program. Applications must come from local governments or other eligible organizations. The federal cost share for an FMA project is 75%. At least 25% of the total eligible costs must be provided by a non-federal source. Of this 25%, no more than half can be provided as in-kind contributions from third parties. At minimum, a FEMA-approved local flood mitigation plan is required before a project can be approved. FMA funds are distributed from FEMA to the state. NYSOEM serves as the grantee and program administrator for FMA.

Pre-Disaster Mitigation (PDM) Program

The PDM program is an annually funded, nationwide, competitive grant program. No disaster declaration is required. Federal funds will cover 75% of a project's cost up to \$3 million. As with the HMGP and FMA, a FEMA-approved local Hazard Mitigation Plan is required to be approved for funding under the PDM program.

Repetitive Flood Claims (RFC) Program

The RFC program is an annually funded, nationwide mitigation grant program with the goal of reducing flood damages to individual properties for which one or more claim payments for losses have been made under flood insurance coverage, and will result in the greatest amount of savings to the National Flood Insurance Fund (NFIF) in the shortest period of time. RFC funding is available for property acquisition and structure demolition or relocation, structural elevations, and minor localized flood reduction projects. Federal funding covers 100% of the project costs.

Severe Repetitive Loss (SRL) Program

The SRL program is an annually funded, nationwide mitigation grant program with the goal of reducing flood damages to residential properties that have experienced severe repetitive losses under flood insurance coverage, and as such, will result in the greatest amount of savings to the NFIF in the shortest period of time. SRL funding is available for property acquisition and structure demolition or relocation, structural elevations, and minor localized flood reduction projects. Federal funding covers 75% of the project costs (90% if the community has a repetitive loss strategy).

Federal Disaster and Recovery Assistance Programs

Following a disaster, various types of assistance may be made available by local, state and federal governments. The types and levels of disaster assistance depend on the severity of the damage and the declarations that result from the disaster event. Among the general types of assistance that may be provided should the President of the United States declare the event a major disaster are the following:

Individual Assistance (IA)

IA provides help for homeowners, renters, businesses and some non-profit entities after disasters occur. This program is largely funded by the U.S. Small Business Administration. For homeowners and renters, those who suffered uninsured or underinsured losses may be eligible for a Home Disaster Loan to repair or replace damaged real estate or personal property. Renters are eligible for loans to cover personal

property losses. Individuals may borrow up to \$200,000 to repair or replace real estate, \$40,000 to cover losses to personal property and an additional 20% for mitigation. For businesses, loans may be made to repair or replace disaster damages to property owned by the business, including real estate, machinery and equipment, inventory and supplies. Businesses of any size are eligible. Non-profit organizations such as charities, churches, private universities, etc. are also eligible. An Economic Injury Disaster Loan provides necessary working capital until normal operations resume after a physical disaster. These loans are restricted, by law, to small businesses only.

Public Assistance (PA)

PA provides cost reimbursement aid to local governments (state, county, local, municipal authorities and school districts) and certain non-profit agencies that were involved in disaster response and recovery programs or that suffered loss or damage to facilities or property used to deliver government-like services. This program is largely funded by FEMA with both local and state matching contributions required.

Community Development Block Grants (CDBG)

CDBG are federal funds intended to provide low and moderate-income households with viable communities, including decent housing, as suitable living environment, and expanded economic opportunities. Eligible activities include community facilities and improvements, roads and infrastructure, housing rehabilitation and preservation, development activities, public services, economic development, planning, and administration. Public improvements may include flood and drainage improvements. In limited instances, and during the times of “urgent need” (e.g. post disaster) as defined by the CDBG National Objectives, CDBG funding may be used to acquire a property located in a floodplain that was severely damaged by a recent flood, demolish a structure severely damaged by an earthquake, or repair a public facility severely damaged by a hazard event.

National Flood Insurance Program

Established in 1968, the NFIP provides federally-backed flood insurance to residents of communities that enact and enforce regulations that more carefully regulate development within floodplain areas. For individual property owners to be eligible to buy the federally-backed flood insurance, their property must be located within a community that participates in NFIP.

There are three components to the NFIP: flood insurance, floodplain management and flood hazard mapping. Communities participate in the NFIP by adopting and enforcing floodplain management ordinances to reduce future flood damage. In exchange, the NFIP makes federally backed flood insurance available to homeowners, renters, and business owners in these communities. Community participation in the NFIP is voluntary. Flood insurance is designed to provide an alternative to disaster assistance to reduce the escalating costs of repairing damage to buildings and their contents caused by floods. Flood damage in the U.S. is reduced by nearly \$1 billion each year through communities implementing sound floodplain management requirements and property owners purchasing flood insurance. Additionally, buildings constructed in compliance with NFIP building standards suffer approximately 80% less damage annually than those not built in compliance (FEMA, 2008).

For a community to be eligible in NFIP, it must adopt and enforce a floodplain management ordinance to regulate proposed development in floodplains and officially designate a local floodplain coordinator/administrator. The intent of the program is to ensure that new construction does not exacerbate existing flood hazards and is designed to better withstand flooding. All jurisdictions in Cayuga County participate in the NFIP. The communities also have Flood Insurance Rate Maps (FIRM) that at a minimum show floodways, 100-year flood zones, and 500-year flood zones. Mitigation activities related

to this program are included in Section 9 and data from FEMA Region II regarding NFIP Insurance Reports was used in the risk assessment for the flood hazard included in Section 5.

Each municipality in Cayuga County has a local floodplain manager. All floodplain managers have been informed of the planning process, reviewed the plan documents, and provided direct input to the Plan. Table 3-5 summarizes the designated Floodplain Administrators for each jurisdiction.

Table 3-5. Town of Blooming Grove Floodplain Administrators

| Organization | Name | Title |
|---------------------------------|--------------|---------------|
| Town of Blooming Grove | Jim Farr, PE | Town Engineer |
| Village of South Blooming Grove | Jim Farr, PE | Town Engineer |
| Village of Washingtonville | Jim Farr PE | Town Engineer |

Source: updated by local contacts.

Community Rating System (CRS)

The NFIP has been successful in protecting property owners who acquire flood insurance through the program from catastrophic financial losses due to flooding, and in requiring that new buildings constructed within 100-year flood plains are better protected from flood damage.

In the 1990s, the Flood Insurance Administration (FIA) established the CRS to encourage local governments to increase their standards for floodplain development. The goal of this program is to encourage communities, through flood insurance rate adjustments, to implement standards above and beyond the minimum required in order to:

- Reduce losses from floods
- Facilitate accurate insurance ratings
- Promote public awareness of the availability of flood insurance

CRS is a voluntary program designed to reward participating jurisdictions for their efforts to create more disaster-resistant communities using the principles of sustainable development and management. The Village of Moravia is the one community within Cayuga County that is currently participating in the program. By enrolling in CRS, county municipalities can leverage greater flood protection while receiving flood insurance discounts. The Village of Moravia has attained a CRS class 8 which represents a 10% discount in flood insurance premiums. Active involvement in this program is included as a mitigation activity for interested jurisdictions in Section 9.

Other Planning Efforts and Programs

New York State Department of Environmental Conservation (NYSDEC) – Division of Water - Bureau of Flood Protection and Dam Safety

Within the NYSDEC – Division of Water, the Bureau of Flood Protection and Dam Safety cooperates with federal, state, regional, and local partners to protect lives and property from floods, coastal erosion and dam failures through floodplain management and both structural and non-structural means; and, provides support for information technology needs in the Division. The Bureau consists of the following Sections:

- Coastal Management: Works to reduce coastal erosion and storm damage to protect lives, natural resources, and properties through structural and non-structural means.
- Dam Safety: Is responsible for reviewing repairs and modifications to dams, and assuring that dam owners operate and maintain dams in a safe condition through inspections, technical reviews, enforcement, and emergency planning.
- Flood Control Projects: Is responsible for reducing flood risk to life and property through construction, operation and maintenance of flood control facilities. Specifically, NYDEC personnel inspect four 1946-1962 era federal flood control projects annually within the Village and downstream to the Lake.
- Floodplain Management: Is responsible for reducing flood risk to life and property through proper management of activities including, development in flood hazard areas and review and development of revised flood maps.

INTEGRATION OF EXISTING DATA AND PLANS INTO MITIGATION PLAN

The mitigation plan integrates local and federal data as discussed below.

Local Data

The Planning Committee reviewed and incorporated existing data and plans to support the mitigation plan including

- Town of Blooming Grove Geographic Information System (GIS) data
- Documentation of past mitigation actions and grant applications
- Historic maps and local inventory data

A number of electronic and hard copy documents were made available to support the planning process. A complete listing is included in Table 3-8.

Cross-referencing this Plan with existing planning documents has been included in Section 9 as mitigation activities.

The following local regulations, codes, ordinances and plans were reviewed during this planning process in an effort to develop mitigation planning goals, objectives and mitigation strategies that are consistent across local and regional planning and regulatory mechanisms; and thus develop complementary and mutually supportive plans.

- Building Codes
- Zoning Ordinances
- Subdivision Ordinances
- NFIP Flood Damage Prevention Ordinances
- Site Plan Requirements
- Stormwater Management
- Emergency Response Plans
- New York State Standard Multi-Hazards Mitigation Plan, 2011

The “Legal and Regulatory” capability assessment of each participating jurisdiction is included in Section 9, Jurisdictional Annexes and provides a listing of the local codes, ordinances, regulations and planning mechanisms available in the jurisdictions and reviewed during this planning process.

Federal and State Data

Federal and State data was collected and used throughout the mitigation process including:

- US Census data
- HAZUS-MH provided data
- FEMA “How To” Series (386-1 to 386-4, and 386-7)
- Public laws and other programs such as the NFIP were examined to complete this Plan.

A complete list of the existing data and plans used to support this HMP is included in the references section of this document. By incorporating data from existing programs into this mitigation plan, the County also was able to identify the relevance of mitigation planning to these existing programs. Implementation of this Plan through these existing plans is identified as a specific mitigation action in several areas in Section 9 of this Plan.

REVIEW OF EXISTING REPORTS AND PLANS

A summary of the reports and plans provided by The Town of Blooming Grove and reviewed in the preparation of this plan is included in the following Record of Review Matrix.

Table 3-6. Record Review (Municipalities) - Record of the review of existing programs, policies, and technical documents for participating jurisdictions

| Existing Program/Policy/Technical Documents | Town-wide | Town of Blooming Grove | Village of South Blooming Grove | Village of Washingtonville |
|--|-----------|------------------------|---------------------------------|----------------------------|
| Emergency Action Plan Dam Failure for Willow Brook Dam | | ✓ | ✓ | |
| Town of Blooming Grove and Village of Washingtonville Emergency Management Plan | | ✓ | | ✓ |
| Willow Brook Dam EAP | | ✓ | ✓ | |
| Emergency Response (Management) Plan Town of Blooming Grove and Village of Washingtonville | | ✓ | | ✓ |
| Washingtonville Central School District Safety Plan | ✓ | | | |
| Orange County Single Jurisdiction Hazard Mitigation February 2011 | ✓ | | | |
| Orange County Comprehensive Plan Strategies for Communities | ✓ | | | |
| Town of Blooming Grove Comprehensive Plan, December 2005 | | ✓ | | |
| Orange County Transportation Council Long Range Transportation Plan, December 2011 | ✓ | | | |
| Orange County Open Space Plan | ✓ | | | |
| Orange County Water Master Plan | ✓ | | | |
| Moodna Creek Watershed Plan, October 2012 | ✓ | | | |
| Merriewold Dam Emergency Action Plan, February 2012 | | | ✓ | |
| Washingtonville Central School District Safety Plan | ✓ | | | |
| Army Corp of Engineers Comprehensive Response Document: Moodna Watershed | ✓ | | | |
| Village of South Blooming Grove Emergency Management Plan | | | ✓ | |
| New York Counties 2010 Census of Population and Demographics | ✓ | | | |
| Orange County 2007 Agricultural Census | ✓ | | | |
| Orange County Agricultural Economic Development Plan | ✓ | | | |
| Orange County CDBG DR Needs Assessment | ✓ | | | |
| Orange County Fact Book | ✓ | | | |

Notes:

- ✓ = the Hazard Mitigation Plan consultant reviewed the program/policy/technical document
- * = this document may or may not include all jurisdictions

The plan development has incorporated a goals and objectives hierarchy as a basis for the planning process and to address all hazards of concern rather than providing separate goals and objectives for each hazard as in the original plan. A cross-walk indicating the relationship of the goals and objectives is

provided in Section 6 of the plan. Goals and objectives relevant to other plans (noted above) reviewed in the HMP planning process have been incorporated into the plan goals and objectives.

CONTINUED PUBLIC INVOLVEMENT

The Town of Blooming Grove is committed to the continued involvement of the public. Therefore, copies of the Plan will be made available for review during normal business hours at the Clerk's office in each of the Town and Village Municipal Buildings and the Town Library. In addition, the plan will be posted on the Town website hazard mitigation page. Links to this site will be provided on each of the village websites.

A notice regarding annual updates of the Plan and the location of Plan copies will be publicized annually after the Planning Committee's annual evaluation and posted on the public website (<http://www.townofbloominggroveny.com/Media/2013HazardMitigationPlan.aspx>).

Each jurisdiction's Supervisor/Mayor or Clerk shall be responsible for receiving, tracking, and filing public comments regarding this Plan.

The public will have an opportunity to comment on the Plan as a part of the annual mitigation planning evaluation process and the 5-year Mitigation Plan.

The HMP Coordinator (currently Mr. Jim Farr, Town of Blooming Grove Engineer) is responsible for coordinating the plan evaluation portion of the meeting, soliciting feedback, collecting and reviewing the comments, and ensuring their incorporation in the 5-year plan update as appropriate; however, members of the Planning Committee will assist the HMP Coordinator.

Additional meetings may also be held as deemed necessary by the Planning Committee. The purpose of these meetings would be to provide the public an opportunity to express concerns, opinions, and ideas about the Plan. The HMP Committee will review the Plan and accept public comment as part of an annual review and as part of five-year Mitigation Plans.

Contact information:

Name: Mr. Jim Farr, PE
Town of Blooming Grove Engineer
Town of Blooming Grove
Town Hall
Horton Road and Route 94
Blooming Grove, NY 10914
Telephone: 845 496 4177 ext. 725
Email: jmf@mhepc.com

Further details regarding continued public involvement are provided in Section 7.