

ONTARIO COUNTY MULTI- JURISDICTIONAL ALL HAZARD MITIGATION PLAN



ADOPTED – SEPTEMBER 2009



ONTARIO COUNTY, NY
MULTI-JURISDICTIONAL
ALL HAZARD MITIGATION
PLAN

ADOPTED – SEPTEMBER 2009

FINAL REVISION – OCTOBER 2008

REVISION 1 – DECEMBER 2006

ORIGINAL DRAFT - NOVEMBER 2004

This project is partially funded through the NYS Emergency Management Office
Pre-Disaster Mitigation Program



ONTARIO COUNTY, NY MULTI-JURISDICTIONAL ALL HAZARD MITIGATION PLAN

TABLE OF CONTENTS

CHAPTER 1: INTRODUCTION

- 1.1 Purpose
- 1.2 Scope
- 1.3 Authority
- 1.4 Funding

CHAPTER 2: THE PLANNING PROCESS

- 2.1 The Disaster Mitigation Act of 2000
- 2.2 The Plan Process
 - 2.2.1 Step 1: Organization: A Multi-Jurisdictional Effort
 - 2.2.2 Step 2: Develop the Planning Process
 - 2.2.3 Step 3: Create Local Planning Committees
 - 2.2.4 Step 4: Create Regional Planning Areas
 - 2.2.5 Step 5: Project Initiation Workshop & Distribution of Community Workbooks (Part 1)
 - 2.2.6 Step 6: Plan Development: Community Profiles
 - 2.2.7 Step 7: Plan Development: Hazards Analysis
 - 2.2.8 Step 8: Plan Development: Risk Assessment
 - 2.2.9 Step 9: Plan Development: Mitigation Strategy & Distribution of Community Workbooks (Part 2)
 - 2.2.10 Step 10: Plan Development: Plan Adoption & Update
- 2.3 Public Participation Plan

CHAPTER APPENDIX

- A2-1. Fact Sheet: Forming A Local Hazard Mitigation Committee
- A2-2. Sample Resolution forming a Local Committee
- A2-3. Project Initiation Workshop: SEMO PowerPoint Presentation & County Presentation on Proposed Multi-Jurisdictional Approach
- A2-4. Public Participation Plan
 - a. Project Fact Sheet
 - b. Regional Committee Meetings
 - i. Public Meeting Announcements
 - ii. Sample Invite Letter
 - iii. Copy of Public Presentation

- c. Public Informational Meeting
 - i. Press Release
 - ii. Copy of Public Presentation
 - iii. Public Written Comment Form

CHAPTER 3: COMMUNITY PROFILES

- 3.1 Ontario County
- 3.2 Central Planning Region
 - City of Canandaigua
 - Town of Canandaigua
 - Town of Gorham
 - Village of Rushville
 - Town of Hopewell
- 3.3 East Planning Region
 - City of Geneva
 - Town of Geneva
 - Town of Manchester
 - Village of Clifton Springs
 - Village of Manchester
 - Village of Shortsville
 - Town of Phelps
 - Village of Phelps
 - Town of Seneca
- 3.4 North West Planning Region
 - Town of East Bloomfield
 - Village of Bloomfield
 - Town of Farmington
 - Town of Victor
 - Village of Victor
 - Town of West Bloomfield
- 3.5 South Planning Region
 - Town of Bristol
 - Town of Canadice
 - Town of Naples
 - Village of Naples
 - Town of Richmond
 - Town of South Bristol

CHAPTER APPENDIX

- A3-1. Community Workbook: Sample Instructions for the Community Profiles

CHAPTER 4: HAZARDS ANALYSIS

- 4.1 Introduction
- 4.2 Step 1: Ontario County & Regional Hazards New York (HAZNY) Events
 - 4.2.1 Ontario County HAZNY Event
 - 4.2.2 Regional HAZNY Event
 - 4.2.3 Summary of Results
- 4.3 Step 2: Countywide Inventory of Historic Hazard Events
- 4.4 Step 3: Develop a Countywide Hazards Profile Using HAZNY Event Results and Hazards Inventory
 - 4.4.1 Ice Storms
 - 4.4.2 Severe Storms
 - 4.4.3 Hurricane
 - 4.4.4 Flooding
 - 4.4.5 Dam Failure
 - 4.4.6 Extreme Temperatures
 - 4.4.7 Epidemic
 - 4.4.8 Winter Storm (Severe)
 - 4.4.9 Terrorism (Agri-terrorism)
 - 4.4.10 Hazardous Material (Fixed Site)
 - 4.4.11 Hazardous Material (In Transit)
 - 4.4.12 Transportation Accident
 - 4.4.13 Tornado
 - 4.4.14 Fire
 - 4.4.15 Water Supply Contamination
 - 4.4.16 Utility Failure
 - 4.4.17 Wildfire
 - 4.4.18 Earthquake
 - 4.4.19 Landslide

CHAPTER APPENDIX

- A4-1. Hazards New York (HAZNY) Program:
 - a. Ground Rules
 - b. Hazard Analysis Presentation
 - c. List of Hazards
- A4-2. Regional HAZNY Event:
 - a. Program Description (includes list of invitees)
 - b. Invite letter, Agenda and Purpose Statement
 - c. List of Participants
 - d. Hazard Analysis Reports prepared by SEMO for the 4 Planning Regions (Central, East, North-West, South)
- A4-3. Ontario County Agency HAZNY Event
 - a. Hazard Analysis Report prepared by SEMO
- A4-4. Inventory of Past Hazards Events
- A4-5. Listing of Existing Local Plans and Ordinances
- A4-6. Community Workbook: Sample Report

CHAPTER 5: RISK ASSESSMENT

- 5.1 Methodology
 - 5.1.1 Step 1: Create an Inventory of Community Assets
 - 5.1.1.1 Critical Facilities
 - 5.1.1.2 Vulnerable Populations
 - 5.1.1.3 Economic Elements
 - 5.1.1.4 Historic & Cultural Resource Areas
 - 5.1.1.5 Natural Resource & Recreation Areas
 - 5.1.1.6 Agricultural Areas
 - 5.1.2 Step 2: Assessing Vulnerability of Community Assets
 - 5.1.3 Step 3: Estimate Potential Losses
- 5.2 Community Assets
 - 5.2.1 Critical Facilities
 - 5.2.2 Other Assets (Vulnerable Populations, Natural Resource & Recreation Areas, Historic & Cultural Resource Areas, Economic Elements)
- 5.3 Vulnerability Assessment
 - 5.3.1 Floods
 - 5.3.2 Terrorism
 - 5.3.3 Hazmat (In-Transit)
 - 5.3.4 Explosions
 - 5.3.5 Hazmat (Fixed Sites)
 - 5.3.6 Oil Spill
 - 5.3.7 Transportation Accident
 - 5.3.8 Wildfire
 - 5.3.9 Dam Failure
 - 5.3.10 Landslide
 - 5.3.11 Structural Collapse
- 5.4 Estimated Potential Losses

CHAPTER APPENDIX

- A5-1. Community Workbook: Sample Instructions for the Community Assets Inventory (Individual Municipal Workbook Maps are Not Included)

CHAPTER 6: MITIGATION STRATEGY

- 6.1 Methodology
- 6.2 Goals & Objectives Statement
- 6.3 Mitigation Strategy
 - 6.3.1 Mitigation Measures for All Hazard Types
 - 6.3.2 Mitigation Measures for Specific Hazard Types
 - 6.3.2.1 Flooding
 - 6.3.2.2 Winter Storm, Ice Storm, Severe Storm
 - 6.3.2.3 Terrorism
 - 6.3.2.4 Hazmat (In Transit)
 - 6.3.2.5 Hazmat (Fixed Site)
 - 6.3.2.6 Transportation Accident
 - 6.3.2.7 Tornado
 - 6.3.2.8 Fire
 - 6.3.2.9 Water Supply Contamination
 - 6.3.2.10 Utility Failure
 - 6.3.2.11 Wildfire
 - 6.3.2.12 Epidemic
 - 6.3.2.13 Earthquake
 - 6.3.2.14 Landslide/Mudslide
 - 6.3.2.15 Structural Collapse
 - 6.3.2.16 Dam Failure
 - 6.3.3 Mitigation Action Plans

CHAPTER APPENDIX

- A6-1. Community Workbook: Example Mitigation Strategy Worksheets (Individual Municipal Workbook Maps are Not Included)

CHAPTER 7: PLAN ADOPTION AND UPDATE

- 7.1 Plan Adoption
- 7.2 Evaluation and Update
- 7.3 On-going Public Participation