

# **DELAWARE COUNTY COMPREHENSIVE EMERGENCY MANAGEMENT PLAN**

## Section II

### **RISK REDUCTION**

#### A. Designation of County Hazard Mitigation Coordinator

1. The Delaware County Planning Director has been designated by the County Board of Supervisors as the County Hazard Mitigation Coordinator.
2. The County Hazard Mitigation Coordinator is responsible for coordinating County efforts in reducing hazards in Delaware County.
3. All County agencies will participate in risk reduction activities with the County Hazard Mitigation Coordinator.
4. The Hazard Mitigation Coordinator will participate as a member of the County Emergency Planning Committee.
5. The County Emergency Planning Committee consists of representatives of the following departments and any other as deemed necessary by the County Board of Supervisors:

Director of Emergency Services  
Director of Public Health  
Commissioner of Public Works  
Delaware County Sheriff  
Planning Director  
Delaware County Board of Supervisors

#### B. Identification and Analysis of Potential Hazards

1. The County Emergency Planning Committee, in conjunction with the Director of the Department of Emergency Services will:
  - a) identify potential hazards in the County
  - b) Determine the probable impact each of those hazards could have on people and property

- c) Delineate the geographic areas affected by potential hazards, plot them on maps, and designate them as hazard areas
2. Significant potential hazards to be identified and analyzed include natural, technological, and human-caused hazards.
3. To comply with (1) and (2) above, hazards that pose a potential threat have been identified and analyzed by the Emergency Planning Committee using the program **HAZNY**, provided by the State Emergency Management Office.
4. This hazard analysis:
  - a) Provides a basic method for analyzing and ranking the identified hazards, including identification of geographic areas and populations at risk to specific hazards
  - b) Establishes priorities for planning for those hazards receiving a high ranking of significance
  - c) Was conducted in accordance with guidance from the New York State Emergency Management Office
  - d) After completion is filed with the Region II office of SEMO and is on file in draft form.
  - e) Is to be reviewed and updated every three years
5. The rating and ranking results of the hazard analysis are found in Attachment 1.
6. The complete Hazard Analysis results, including computerized maps identifying the location of hazard areas, are located in the Delaware County Department of Emergency Services.

C. Risk Reduction Policies, Programs and Reports

1. County agencies are authorized to:
  - a) Promote policies, programs and activities to reduce hazard risks in their area of responsibility
  - b) Examples of the above are:
    - Encourage municipalities to adopt comprehensive community development plans, zoning ordinances, subdivision regulations, and

building codes that are cognizant of and take into account significant hazards in the county

- Promote compliance with and enforcement of existing laws, regulations, and codes that are related to hazard risks, e, g., building and fire codes, flood plain regulations
  - Encourage and assist water and wastewater treatment plants to replace chlorine use with a safer disinfectant
  - Encourage and participate in municipal stream channel maintenance programs
  - Encourage state and local DOT's to address dangerous conditions on roads used by hazardous materials carriers.
2. The Delaware County Planning Board is responsible for land use management of county owned land and the review of land use management actions throughout the county, including:
    - Authorizing County land use management programs
    - Advising and assisting local governments in the county in developing and adopting comprehensive master plans for community development, zoning ordinances, subdivision regulations and building codes
    - Assisting and advising the Local Planning Boards in the review process of local zoning and subdivision actions
    - Participation in SEQRA review of proposed projects in the County
  3. In all of the above activities, the County Planning Board will take into account the significant hazards in Delaware County.
  4. The Director of the Department of Emergency Service and the County Hazard Mitigation Coordinator will identify specific hazard reduction actions that could be taken for those hazards determined by the hazard analysis to be most significant.
  5. For each hazard reduction action identified, the following information is to be included:
    - a) A description of the action
    - b) A statement on the technical feasibility of the action
    - c) The estimated cost of the action
    - d) The expected benefits of the action and the estimated monetary value of each benefit
    - e) An estimate of the level of community support for the action
  6. This information will be consolidated into a Risk Reduction Report.

7. The Risk Reduction Report will prioritize and make recommendations concerning the identified actions.

D. Emergency Response Capability Assessment

1. Periodic assessment of the county's capability to manage the emergencies that could be caused by the hazards identified in the County is a critical part of Risk Reduction.
2. The Director of the Department of Emergency Services, on a periodic basis will assess the county's current capability for dealing with those significant hazards that have been identified and analyzed, including but not limited to:
  - The likely time of onset of the hazard
  - The impacted communities' preparedness levels
  - The existence of effective warning systems
  - The communities' means to respond to anticipated casualties and damage
3. To assist the Planning Committee in its assessment, the Director of the Department of Emergency Services will conduct annual tabletop and periodic full-scale exercises based upon specific hazards and hazard areas.

E. Training of Emergency Personnel

1. The Delaware County Director of the Department of Emergency Services has the responsibility to:
  - a) Arrange and provide, with the assistance of the New York State Emergency Management Office, the conduct of training programs for County emergency response personnel
  - b) Encourage and support training for county, town and village emergency response personnel, including volunteers
  - c) Such training programs will:
    - Include information on the characteristics of hazards and their consequences and the implementation of emergency response actions including protective measures, notification procedures, and available resources
    - Include Incident Command System (ICS) training, focusing on individual roles

- Provide personnel with the training on a variety of skills necessary to help reduce or eliminate hazards and increase their effectiveness to respond to and recover from emergencies of all types
  - Be provided for crisis situations, that requires additional specialized training and refresher training
  - Administer State and county sponsored fire and EMS training programs.
2. All county departments and agencies assigned emergency functions are responsible to participate in county drills and training courses.
  3. Volunteers participating in emergency services such as fire and rescue operations, ambulance services, first aid and other emergency medical services, Red Cross, Radio Amateur Civil Emergency Services (RACES), should be trained by these services in accordance with established procedures and standards

#### F. Public Education and Awareness

1. The Director of the Department of Emergency Services is responsible for:
  - a) Providing education on hazards to the young adult and adult public in the county
  - b) Making the public aware of existing hazards in their communities
  - c) Familiarizing the public with the kind of protective measures the county has Developed to respond to any emergency arising from the hazard
2. This education will:
  - a) Cover identified significant hazards
  - b) Be available free of charge
  - c) Be provided by the existing school systems in the county through arrangements with the superintendent of schools
3. Federal Emergency Management Agency (FEMA) pamphlets, books and kits dealing with all aspects of emergency management and materials developed by New York State Emergency Management Office and other State departments, as appropriate, will be made available for use in the program.

#### G. Monitoring of Identified Hazard Areas

1. Local officials will develop, with the necessary assistance of other county departments, the capability to monitor identified hazard areas, in order to detect hazardous situations in their earliest stages.

2. As a hazard's emergence is detected, this information is to be immediately provided to the Department of Emergency Services or the Delaware County Warning Point (Delaware County Sheriff's Office), as appropriate.
3. When appropriate, monitoring stations may be established regarding specific hazard areas where individuals responsible to perform the monitoring tasks can be stationed.
4. Monitoring tasks include detecting the hazard potential and taking measurements or observations of the hazard. Examples of such are rising water levels, toxic exposure levels, slope and ground movement, mass gatherings, the formation and breakup of ice jams, shore erosion, dam conditions, and by New York State Public Information Network (NYSPIN).
5. All County hazard monitoring activity will be coordinated with, and make use of where available, local governments, private industry, school districts, utility companies, and volunteer agencies and individuals, as appropriate.

**HAZARD ANALYSIS RESULTS FOR DELAWARE COUNTY** using *HAZNY* as provided by the State Emergency Management Office

<u>HAZARD</u>	<u>RATING</u>
Flood	328.8
Tornado	307.8
Severe Storm	297.8
Fire	287.2
Explosion	276.8
Ice Jam	266.2
Winter Storm (severe	261.2
Hazardous Materials in Transit	260.2
Terrorism	254.5
Extreme Temperature	245.5
Water Supply Contamination	241.5
Oil Spill	236.2
Transportation Accident	236.2
Ice Storm	231.8
Infestation	231.8
Wildfire	217.5
Dam Failure	215.8
Utility Failure	215.8
Hazardous Materials at Fixed Site	203.2

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Radiological in Transit	183.8
Epidemic	173.8
Drought	164.8
Earthquake	149.2
Fuel Shortage	113.8

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These results of the Hazard Analysis were determined by the Delaware County Emergency Planning Committee in August 2003.