

## APPENDIX 10

## IMPLEMENTATION CHECKLIST

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MITIGATION PRACTICE	HAZARD ADDRESSED	STATUS	PRIORITY	2024 STATUS
<p><b>Public Education &amp; Outreach</b></p> <p>1. Provide multi-lingual hazard preparedness literature (warning sirens, radio stations, go-kits, insurance protection, lightning rods, etc.) during Severe Weather Awareness Week, at public facilities and events and to populations within known hazard areas such as floodplains, downstream of a dam, near hazmat facilities, etc. (2011 Measure)</p>	<input checked="" type="checkbox"/> Drought <input checked="" type="checkbox"/> Earthquake <input checked="" type="checkbox"/> Extreme Temperature <input checked="" type="checkbox"/> Fire <input checked="" type="checkbox"/> Flood <input checked="" type="checkbox"/> Hail/Thunder/Wind <input checked="" type="checkbox"/> Landslide/Subsidence <input checked="" type="checkbox"/> Tornado <input checked="" type="checkbox"/> Winter Storm/Ice <input checked="" type="checkbox"/> Dam Failure <input checked="" type="checkbox"/> HazMat Incident	<p><b>Ongoing –</b></p> <p>1. Literature is provided at several public facilities and office locations as well as large public events throughout the county. Populations within the special flood hazard areas are educated through required flood insurance purchases and various website and literature pieces.</p> <p><b>Proposed Enhancement –</b></p> <p>1. Encourage enhancement of messages provided to various cultural groups and neighborhoods; Educate landowners within dam inundation areas and near hazardous materials facilities of potential dangers and what to do in an emergency situation. Include information such as encourage voluntary purchase of flood insurance; formalize neighborhood campaign where representatives familiar with culture and language provide residents with emergency information and protocols.</p>	High	
<p><b>Management of Dams</b></p> <p>1. Encourage other Significant Hazard dam owners to develop an IEAP.</p>	<input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Extreme Temperature <input type="checkbox"/> Fire <input type="checkbox"/> Flood <input type="checkbox"/> Hail/Thunder/Wind <input type="checkbox"/> Landslide/Subsidence <input type="checkbox"/> Tornado <input type="checkbox"/> Winter Storm/Ice <input checked="" type="checkbox"/> Dam Failure <input type="checkbox"/> HazMat Incident	<p><b>Ongoing –</b></p> <p>1. Lake Manitou dam has an IEAP of which the EMA is familiar</p> <p><b>Proposed Enhancements –</b></p> <p>1. Encourage and assist owners of other significant hazard dams in completing an IEAP</p>	High	
<p><b>Water Conservation</b></p> <p>1. Investigate and propose local water conservation ordinance and contingency plans to implement during water shortages</p> <p>2. Develop standard procedures for issuing a countywide open burning ban during dry periods</p>	<input checked="" type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Extreme Temperature <input checked="" type="checkbox"/> Fire <input type="checkbox"/> Flood <input type="checkbox"/> Hail/Thunder/Wind <input type="checkbox"/> Landslide/Subsidence <input type="checkbox"/> Tornado <input type="checkbox"/> Winter Storm/Ice <input type="checkbox"/> Dam Failure <input type="checkbox"/> HazMat Incident	<p><b>Ongoing –</b></p> <p>2. Some areas have banned open burning due to location (next to school)</p> <p><b>Proposed Enhancement –</b></p> <p>1. Propose and adopt ordinance for water conservation methods during times of drought</p> <p>2. Develop standard for issuing countywide ban on recreational open burning no matter location</p>	High	

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<p><b>Emergency Preparedness &amp; Warning</b></p> <ol style="list-style-type: none"> <li>1. Improve disaster preparedness and emergency response within the county through the StormReady Community Program</li> <li>2. Purchase additional mobile electronic messaging boards and develop protocol for local interactions to provide current hazard information.</li> <li>3. Create bilingual notifications and hazard preparedness materials (Spanish)</li> <li>4. Improve disaster preparedness and emergency response at the local level through the VOAD program</li> <li>5. Increase awareness of hazard broadcast system (NIXLE) to distribute mass notifications to subscribers</li> <li>6. Improve outdoor warning siren coverage and update existing sirens to alert population of severe weather conditions <i>(2011 Measure)</i></li> </ol>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Drought</li> <li><input checked="" type="checkbox"/> Earthquake</li> <li><input checked="" type="checkbox"/> Extreme Temperature</li> <li><input checked="" type="checkbox"/> Fire</li> <li><input checked="" type="checkbox"/> Flood</li> <li><input checked="" type="checkbox"/> Hail/Thunder/Wind</li> <li><input checked="" type="checkbox"/> Landslide/Subsidence</li> <li><input checked="" type="checkbox"/> Tornado</li> <li><input checked="" type="checkbox"/> Winter Storm/Ice</li> <li><input checked="" type="checkbox"/> Dam Failure</li> <li><input checked="" type="checkbox"/> HazMat Incident</li> </ul>	<p><b>Ongoing –</b></p> <ol style="list-style-type: none"> <li>2. Few message boards exist in county</li> <li>3. County and communities have various notifications and materials</li> <li>4. A VOAD program has been started within the county</li> <li>5. The county utilizes NIXLE for notifications</li> <li>6. The County has 14 outdoor warning sirens</li> </ol> <p><b>Proposed Enhancements –</b></p> <ol style="list-style-type: none"> <li>1. Achieve certification for Fulton County to be recognized as StormReady</li> <li>2. Purchase six additional boards and store one board at each Fire Station</li> <li>3. Increase offerings in Spanish to reach additional populations</li> <li>4. Increase awareness and participation in the VOAD program and offer routine trainings</li> <li>5. Develop outreach campaign to increase awareness and participation</li> <li>6. Investigate potential for additional sirens</li> </ol>	<p>High <i>(StormReady, mobile message boards, bilingual)</i></p> <p>Moderate <i>(VOAD, NIXLE, sirens)</i></p>	
<p><b>Safer Rooms and Community Shelters</b></p> <ol style="list-style-type: none"> <li>1. Maintain and develop shelter agreements within the County. Potential for tiered levels of shelters, domestic animal shelters, etc. especially in small communities <i>(2011 Measure)</i></li> <li>2. Clearly advertise location of safer areas and community shelters for large gatherings of people (sporting events, 4H fair, etc.)</li> <li>3. Develop and a domestic animal friendly evacuation plan and domestic animal friendly shelter</li> </ol>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Drought</li> <li><input checked="" type="checkbox"/> Earthquake</li> <li><input checked="" type="checkbox"/> Extreme Temperature</li> <li><input checked="" type="checkbox"/> Fire</li> <li><input checked="" type="checkbox"/> Flood</li> <li><input checked="" type="checkbox"/> Hail/Thunder/Wind</li> <li><input checked="" type="checkbox"/> Landslide/Subsidence</li> <li><input checked="" type="checkbox"/> Tornado</li> <li><input checked="" type="checkbox"/> Winter Storm/Ice</li> <li><input checked="" type="checkbox"/> Dam Failure</li> <li><input checked="" type="checkbox"/> HazMat Incident</li> </ul>	<p><b>Ongoing –</b></p> <ol style="list-style-type: none"> <li>1. Shelter locations are spaced throughout the county as available and as needed</li> <li>2. Signs are provided at baseball fields</li> </ol> <p><b>Proposed Enhancement –</b></p> <ol style="list-style-type: none"> <li>1. Continue to determine if additional shelter locations or services are needed</li> <li>2. Provide additional signage or announcements during events for out-of-town guests</li> <li>3. Develop plan and shelter for humans and domestic animals</li> </ol>	<p>High <i>(agreements, advertise locations)</i></p> <p>Moderate <i>(animal friendly)</i></p>	

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<p><b>Emergency Response &amp; Recovery</b></p> <ol style="list-style-type: none"> <li>1. Inventory needs for mobile data terminals in response vehicles and purchase and install as prioritized</li> <li>2. Create a database of at-risk populations and establish procedures to evacuate the population in known hazard areas (SFHA, dam failure, Tier II)</li> <li>3. Coordinate communications, documentation, and record keeping between NFIP communities and agencies including a database of accurate and community specific information following each hazard events</li> <li>4. Purchase equipment such as ATVs and portable lighting to use in remote areas such as along rivers and trails</li> <li>5. Purchase additional snow removal equipment and pre-treatment equipment and supplies (2011 Measure)</li> <li>6. Develop additional offerings for a voluntary immunization program for all emergency responders, inspection staff, and families</li> <li>7. Identify alternate routes to use in case of road closures during a disaster (2011 Measure)</li> </ol>	<input checked="" type="checkbox"/> Drought <input checked="" type="checkbox"/> Earthquake <input checked="" type="checkbox"/> Extreme Temperature <input checked="" type="checkbox"/> Fire <input checked="" type="checkbox"/> Flood <input checked="" type="checkbox"/> Hail/Thunder/Wind <input checked="" type="checkbox"/> Landslide/Subsidence <input checked="" type="checkbox"/> Tornado <input checked="" type="checkbox"/> Winter Storm/Ice <input checked="" type="checkbox"/> Dam Failure <input checked="" type="checkbox"/> HazMat Incident	<p><b>Ongoing –</b></p> <ol style="list-style-type: none"> <li>1. Few vehicles in each municipality have terminals</li> <li>3. Some coordination occurs depending on event and municipality</li> <li>4. Some vehicles have AWD</li> <li>5. The county and city have snow removal equipment</li> <li>6. Some immunizations are offered through county health plan</li> </ol> <p><b>Proposed Enhancement –</b></p> <ol style="list-style-type: none"> <li>1. Inventory and prioritize needed hardware and software</li> <li>2. Develop evacuation routes and protocols for various hazard events</li> <li>3. Utilize WebEOC or similar program to fully coordinate communications, documentation, and recordkeeping</li> <li>4. Purchase additional equipment to reach more remote areas</li> <li>5. Inventory and prioritize needed equipment, purchase as funding is obtained</li> <li>6. Determine which immunizations are offered and provide additional immunizations based on risks to employees and family members</li> <li>7. Review areas at risk and develop alternate routes of egress during hazard events</li> </ol>	<p>High <i>(data terminals, at-risk populations, recordkeeping, ATVs, snow equipment)</i></p> <p>Moderate <i>(immunizations, alternate routes)</i></p>	
<p><b>Hazardous Materials</b></p> <ol style="list-style-type: none"> <li>1. Review/revise transportation survey to determine typical chemicals and quantities of chemicals being transported through the county (2011 Measure)</li> <li>2. Maintain hazmat response teams, increase personnel and training as funding allows</li> </ol>	<input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Extreme Temperature <input checked="" type="checkbox"/> Fire <input type="checkbox"/> Flood <input type="checkbox"/> Hail/Thunder/Wind <input type="checkbox"/> Landslide/Subsidence <input type="checkbox"/> Tornado <input type="checkbox"/> Winter Storm/Ice <input type="checkbox"/> Dam Failure <input checked="" type="checkbox"/> HazMat Incident	<p><b>Ongoing –</b></p> <ol style="list-style-type: none"> <li>1. Older survey exists</li> <li>2. No fire personnel are trained to Technician level</li> </ol> <p><b>Proposed Enhancement –</b></p> <ol style="list-style-type: none"> <li>1. Completed updated survey on prioritized thoroughfares and utilize the results for training and planning efforts</li> <li>2. Increase some responders to Technician Level</li> </ol>	<p>High <i>(survey)</i></p> <p>Moderate <i>(response teams)</i></p>	

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<p><b>Power Back-Up Generators</b></p> <ol style="list-style-type: none"> <li>1. Designate a fuel reserve transportation route</li> <li>2. Secure a fuel reserve, or ensure emergency provisions re outlined in contracts, to ensure critical infrastructure may run on power back-up for extended periods of time</li> <li>3. Inventory, prioritize, and retrofit public facilities and/or critical facilities with appropriate wiring and electrical capabilities for utilizing a large generator for power back up <i>(2011 Measure)</i></li> <li>4. Investigate the potential to utilize alternative (solar) generators where appropriate</li> </ol>	<input checked="" type="checkbox"/> Drought <input checked="" type="checkbox"/> Earthquake <input checked="" type="checkbox"/> Extreme Temperature <input checked="" type="checkbox"/> Fire <input checked="" type="checkbox"/> Flood <input checked="" type="checkbox"/> Hail/Thunder/Wind <input checked="" type="checkbox"/> Landslide/Subsidence <input checked="" type="checkbox"/> Tornado <input checked="" type="checkbox"/> Winter Storm/Ice <input checked="" type="checkbox"/> Dam Failure <input checked="" type="checkbox"/> HazMat Incident	<p><b>Ongoing –</b></p> <ol style="list-style-type: none"> <li>2. County vehicles typically are provided fuel as needed</li> <li>3. Some facilities have wiring or generators</li> </ol> <p><b>Proposed Enhancements –</b></p> <ol style="list-style-type: none"> <li>1. Develop route and ensure clear path following hazard events</li> <li>2. Secure fuel reserve via contract service agreements</li> <li>3. Inventory and prioritize critical facilities for retrofitting wiring and generator capabilities</li> <li>4. Determine locations or demonstration sites for alternative generators</li> </ol>	<p>High <i>(fuel route, fuel reserve)</i></p> <p>Moderate <i>(wiring, alternative generators)</i></p>	
<p><b>Building Protection</b></p> <ol style="list-style-type: none"> <li>1. Inventory assets and prioritize needs for additional firefighting equipment of each fire station or first response agency</li> <li>2. Protect existing critical facilities in floodplains</li> <li>3. Develop and complete an inventory for at-risk structures (abandoned buildings, blighted areas, etc.)</li> <li>4. Harden critical or public facilities to withstand severe weather damages <i>(2011 Measure)</i></li> <li>5. Install inertial valves in critical facilities <i>(2011 Measure)</i></li> <li>6. Relocate, buyout, or floodproof existing structures subject to repetitive flooding <i>(2011 Measure)</i></li> </ol> <p><i>(Will assist with NFIP compliance)</i></p>	<input checked="" type="checkbox"/> Drought <input checked="" type="checkbox"/> Earthquake <input type="checkbox"/> Extreme Temperature <input checked="" type="checkbox"/> Fire <input checked="" type="checkbox"/> Flood <input checked="" type="checkbox"/> Hail/Thunder/Wind <input checked="" type="checkbox"/> Landslide/Subsidence <input checked="" type="checkbox"/> Tornado <input checked="" type="checkbox"/> Winter Storm/Ice <input checked="" type="checkbox"/> Dam Failure <input checked="" type="checkbox"/> HazMat Incident	<p><b>Ongoing –</b></p> <ol style="list-style-type: none"> <li>3. Rochester has an abandoned building ordinance</li> </ol> <p><b>Proposed Enhancements –</b></p> <ol style="list-style-type: none"> <li>1. Complete inventory and prioritization and implement as funding is obtained</li> <li>2. Protect the existing facilities identified as within the SFHA</li> <li>3. Develop a method to determine when structures are at-risk and use in conjunction with the abandoned building ordinance</li> <li>4. Inventory needs of each facility, prioritize on a municipal level and implement upgrades as funding is available</li> <li>5. Inventory and prioritize the facilities needing inertial valves</li> <li>6. Continue to work with property owners to relocate, buyout, or floodproof structures in the SFHA or subject to flooding</li> </ol>	<p>High <i>(firefighting needs)</i></p> <p>Moderate <i>(protect critical facilities, at-risk inventory, harden facilities)</i></p> <p>Low <i>(inertial valves, buyout program)</i></p>	
<p><b>Community Rating System</b></p> <ol style="list-style-type: none"> <li>1. Reduce flood insurance premiums through increased participation or advancement in the NFIP's CRS Program.</li> </ol> <p><i>(Will assist with NFIP compliance)</i></p>	<input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Extreme Temperature <input type="checkbox"/> Fire <input checked="" type="checkbox"/> Flood <input type="checkbox"/> Hail/Thunder/Wind <input type="checkbox"/> Landslide/Subsidence <input type="checkbox"/> Tornado <input type="checkbox"/> Winter Storm/Ice <input type="checkbox"/> Dam Failure <input type="checkbox"/> HazMat Incident	<p><b>Ongoing –</b></p> <ol style="list-style-type: none"> <li>1. None participate in the CRS program</li> </ol> <p><b>Proposed Enhancement –</b></p> <ol style="list-style-type: none"> <li>1. Participation from Fulton County and others</li> </ol>	<p>High</p>	

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<p><b>Floodplain Management</b></p> <ol style="list-style-type: none"> <li>1. Complete flood depth mapping (RiskMAP) to better understand flood risk potential</li> <li>2. Conduct detailed flood protection studies for problem areas and/or areas with repetitive flooding problems <i>(2011 Measure)</i></li> <li>3. Conduct stream maintenance in regulated drains to reduce flood risks</li> </ol> <p><i>(Will assist with NFIP compliance)</i></p>	<input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Extreme Temperature <input type="checkbox"/> Fire <input checked="" type="checkbox"/> Flood <input type="checkbox"/> Hail/Thunder/Wind <input type="checkbox"/> Landslide/Subsidence <input type="checkbox"/> Tornado <input type="checkbox"/> Winter Storm/Ice <input type="checkbox"/> Dam Failure <input type="checkbox"/> HazMat Incident	<p><b>Ongoing –</b></p> <ol style="list-style-type: none"> <li>3. Stream maintenance occurs largely based on complaints and available funding</li> </ol> <p><b>Proposed Enhancements –</b></p> <ol style="list-style-type: none"> <li>1. Prioritize areas for RiskMAP studies and complete as feasible</li> <li>2. Complete studies to determine reason for repetitive flooding as well as potential mitigation measures</li> <li>3. Continue to conduct stream maintenance with input from completed studies and response agencies</li> </ol>	<p>Moderate <i>(RiskMAP, detailed flood studies, stream maintenance)</i></p>	
<p><b>Flood Protection</b></p> <ol style="list-style-type: none"> <li>1. Inventory roads that frequently flood and prioritize for elevation or other measures to mitigate flooding <i>(2011 Measure)</i></li> </ol> <p><i>(Will assist with NFIP compliance)</i></p>	<input type="checkbox"/> Drought <input type="checkbox"/> Earthquake <input type="checkbox"/> Extreme Temperature <input type="checkbox"/> Fire <input checked="" type="checkbox"/> Flood <input type="checkbox"/> Hail/Thunder/Wind <input type="checkbox"/> Landslide/Subsidence <input type="checkbox"/> Tornado <input type="checkbox"/> Winter Storm/Ice <input type="checkbox"/> Dam Failure <input type="checkbox"/> HazMat Incident	<p><b>Ongoing –</b></p> <ol style="list-style-type: none"> <li>1. Few roads have been identified</li> </ol> <p><b>Proposed Enhancements –</b></p> <ol style="list-style-type: none"> <li>1. Complete a countywide inventory and prioritization</li> </ol>	<p>Moderate <i>(inventory roads)</i></p>	
<p><b>Geographic Information Systems</b></p> <ol style="list-style-type: none"> <li>1. Train responders in basic GIS to use mobile terminals when preparing for or responding to hazard events</li> </ol>	<input checked="" type="checkbox"/> Drought <input checked="" type="checkbox"/> Earthquake <input checked="" type="checkbox"/> Extreme Temperature <input checked="" type="checkbox"/> Fire <input checked="" type="checkbox"/> Flood <input checked="" type="checkbox"/> Hail/Thunder/Wind <input checked="" type="checkbox"/> Landslide/Subsidence <input checked="" type="checkbox"/> Tornado <input checked="" type="checkbox"/> Winter Storm/Ice <input checked="" type="checkbox"/> Dam Failure <input checked="" type="checkbox"/> HazMat Incident	<p><b>Ongoing –</b></p> <p><b>Proposed Enhancement –</b></p> <ol style="list-style-type: none"> <li>1. GIS training for response staff</li> </ol>	<p>Moderate</p>	

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