

## APPENDIX 10

## IMPLEMENTATION CHECKLIST

*This page intentionally blank*

MITIGATION PRACTICE	HAZARD ADDRESSED	PRIORITY	STATUS	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, 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"/> Flood <input checked="" type="checkbox"/> Hail/Thunder/Wind <input checked="" type="checkbox"/> Landslide/Subsidence <input checked="" type="checkbox"/> Tornado <input checked="" type="checkbox"/> Wildfire <input checked="" type="checkbox"/> Winter Storm/Ice <input checked="" type="checkbox"/> Dam Failure <input checked="" type="checkbox"/> HazMat Incident	High	<p><b>Ongoing –</b></p> <p>1. Literature provided at several public facilities, office locations, and large public events throughout the County. Populations within 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 groups and neighborhoods; Educate landowners within dam inundation areas of potential dangers and what to do in emergency situation; encourage voluntary purchase of federally-subsidized flood insurance; formalize a neighborhood or local campaign where community representatives provide residents with emergency information and protocols.</p>	
<p><b>Hazardous Materials</b></p> <p>1. Review and revise transportation survey to determine typical chemicals and quantities of chemicals being transported through the county (2011 Measure)</p>	<input type="checkbox"/> Drought <input checked="" type="checkbox"/> Earthquake <input type="checkbox"/> Extreme Temperature <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"/> Wildfire <input checked="" type="checkbox"/> Winter Storm/Ice <input checked="" type="checkbox"/> Dam Failure <input checked="" type="checkbox"/> HazMat Incident	High	<p><b>Ongoing –</b></p> <p>1. Initial survey completed</p> <p><b>Proposed Enhancement –</b></p> <p>1. Review and revise survey to update routes, chemicals, and quantities as well as response efforts and capabilities within the County</p>	
<p><b>Emergency Preparedness &amp; Warning</b></p> <p>1. Enhance disaster preparedness and emergency response at local level through CERT, or similar, program</p> <p>2. Improve outdoor warning siren coverage to alert population of severe weather conditions (2011 Measure)</p> <p>3. Create a Wabash County Community Organizations Active in Disasters (COAD) group to assist in emergency preparedness and response efforts.</p> <p>4. Purchase mobile electronic messaging boards and develop protocol for local interactions to provide current hazard information</p> <p>5. Encourage weather radios in critical infrastructure and encourage use by residents and businesses.</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/Levee Failure <input checked="" type="checkbox"/> HazMat Incident	<p>High (CERT, warning sirens)</p> <p>Moderate (COAD, mobile message boards, weather radios)</p>	<p><b>Ongoing –</b></p> <p>1. Approximately 60 current CERT members</p> <p>2. City of Wabash and Town of North Manchester covered by outdoor warning sirens</p> <p>5. Numerous facilities have and utilize weather radios</p> <p><b>Proposed Enhancements –</b></p> <p>1. Develop a list of refresher training courses or seminars for registrants to attend every 3-6 months</p> <p>2. Install additional sirens in LaFontaine, Lagro, and Roann</p> <p>3. Work with Wabash County Cooperative Extension and other partnering agencies to create and maintain a COAD</p> <p>4. Investigate need and prioritize purchase of additional mobile message boards</p> <p>5. Continue to encourage weather radios during presentations and events; provide to residents as funding allows</p>	

MITIGATION PRACTICE	HAZARD ADDRESSED	PRIORITY	STATUS	2024 STATUS
<p><b>Geographic Information Systems</b></p> <ol style="list-style-type: none"> <li>1. Develop county-wide GIS with address verification within Code Red to improve emergency response times</li> <li>2. Include dry hydrants as a GIS layer for responders and planners <i>(2011 Measure)</i></li> <li>3. Train GIS staff in HAZUS-MH to quantitatively estimate losses in “what if scenarios” and continue to use the most recent GIS data in land use planning efforts.</li> </ol>	<input checked="" type="checkbox"/> Drought <input checked="" type="checkbox"/> Earthquake <input checked="" type="checkbox"/> Extreme Temperature <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"/> Wildfire <input checked="" type="checkbox"/> Winter Storm/Ice <input checked="" type="checkbox"/> Dam Failure <input checked="" type="checkbox"/> HazMat Incident	<p>High <i>(address verification)</i></p> <p>Moderate <i>(dry hydrant layer, training)</i></p>	<p><b>Ongoing –</b></p> <ol style="list-style-type: none"> <li>1. GIS is used by Wabash County (and provided to all communities) through a contract service provider</li> </ol> <p><b>Proposed Enhancement –</b></p> <ol style="list-style-type: none"> <li>1. Develop address verification coordinated with CodeRed and provide to all first response agencies and vehicles</li> <li>2. Develop a layer of dry hydrant locations throughout the county</li> <li>3. Additional training for GIS staff</li> </ol>	
<p><b>Safer Rooms and Community Shelters</b></p> <ol style="list-style-type: none"> <li>1. Inventory and prioritize listing of public facilities which may serve as effective shelters if hardened</li> <li>2. Provide possible incentives for (private) buildings with approved safe rooms</li> <li>3. Clearly advertise location of safe rooms and/or community shelters for large gatherings of people (football games, 4H fair, etc.)</li> <li>4. Establish shelters in recreational and mobile home parks <i>(2011 Measure)</i></li> </ol>	<input type="checkbox"/> Drought <input checked="" type="checkbox"/> Earthquake <input checked="" type="checkbox"/> Extreme Temperature <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"/> Wildfire <input checked="" type="checkbox"/> Winter Storm/Ice <input checked="" type="checkbox"/> Dam Failure <input checked="" type="checkbox"/> HazMat Incident	<p>High <i>(burden public facilities)</i></p> <p>Low <i>(incentives, advertisement, recreational and mobile home parks)</i></p>	<p><b>Ongoing –</b></p> <ol style="list-style-type: none"> <li>3. Shelter agreements are in place for facilities throughout the county</li> </ol> <p><b>Proposed Enhancement –</b></p> <ol style="list-style-type: none"> <li>1. Inventory potential facilities that may be suitable as shelters and identify needs</li> <li>2. Provide incentives for approved safe rooms</li> <li>3. Prominently advertise or announce locations during activities where many visitors may be present</li> <li>4. Establish additional shelters in vulnerable locations such as RV or mobile home parks</li> </ol>	
<p><b>Power Back-Up Generators</b></p> <ol style="list-style-type: none"> <li>1. 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>2. Secure a fuel reserve for critical infrastructure may run on power back-up for extended periods of time</li> <li>3. Develop and designate a fuel reserve transportation route</li> <li>4. Investigate the potential to utilize solar generators where appropriate</li> </ol>	<input type="checkbox"/> Drought <input checked="" type="checkbox"/> Earthquake <input type="checkbox"/> Extreme Temperature <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"/> Wildfire <input checked="" type="checkbox"/> Winter Storm/Ice <input checked="" type="checkbox"/> Dam Failure <input checked="" type="checkbox"/> HazMat Incident	<p>High <i>(generators)</i></p> <p>Low <i>(fuel reserve, fuel route, wind or solar generators)</i></p>	<p><b>Ongoing –</b></p> <ol style="list-style-type: none"> <li>1. Many critical facilities have generators</li> </ol> <p><b>Proposed Enhancements –</b></p> <ol style="list-style-type: none"> <li>1. Inventory and prioritize critical facilities for retrofitting, wiring, and generator capabilities and needs; especially Wabash City Hall, Volunteer Fire Departments, Lagro Fire</li> <li>2. Secure a fuel reserve via contract service agreements</li> <li>3. Designate a fuel route from the distribution to utilization locations</li> <li>4. Install solar generators as a demonstration</li> </ol>	

MITIGATION PRACTICE	HAZARD ADDRESSED	PRIORITY	STATUS	2024 STATUS
<p><b>Building Protection</b></p> <ol style="list-style-type: none"> <li>1. Protect existing critical facilities in floodplains (2011 Measure)</li> <li>2. Install additional dry hydrants throughout the county (2011 Measure)</li> <li>3. Purchase additional fire equipment for first responders such as digital radios, personal protective equipment, and/or mapping capabilities</li> <li>4. Relocate, buyout, or floodproof (non-residential) existing, non-critical facilities subject to repetitive flooding</li> <li>5. Install inertial valves in critical facilities</li> <li>6. Develop and complete an inventory for at-risk structures (abandoned buildings in concentration, blighted areas, or hazard areas)</li> </ol> <p>(Will assist with NFIP compliance)</p>	<input type="checkbox"/> Drought <input checked="" type="checkbox"/> Earthquake <input type="checkbox"/> Extreme Temperature <input checked="" type="checkbox"/> Flood <input type="checkbox"/> Hail/Thunder/Wind <input type="checkbox"/> Landslide/Subsidence <input type="checkbox"/> Tornado <input checked="" type="checkbox"/> Wildfire <input checked="" type="checkbox"/> Winter Storm/Ice <input checked="" type="checkbox"/> Dam Failure <input checked="" type="checkbox"/> HazMat Incident	<p>High (protect existing critical facilities, dry hydrants, fire equipment)</p> <p>Moderate (existing, non-residential, non-critical)</p> <p>Low (inertial valves, at-risk structures)</p>	<p><b>Ongoing –</b></p> <ol style="list-style-type: none"> <li>2. Dry hydrants have been installed in northern Wabash County and in Lagro</li> <li>4. City of Wabash participated in residential property buyouts</li> </ol> <p><b>Proposed Enhancements –</b></p> <ol style="list-style-type: none"> <li>1. Protect the existing facilities identified as within the SFHA in Table 3-10</li> <li>2. Prioritize additional areas and install additional hydrants</li> <li>3. Inventory, prioritize, and purchase additional equipment</li> <li>4. Investigate and prioritize existing, non-residential, non-critical facilities subject to repetitive flooding</li> <li>5. Prioritize facilities for inertial valve installation</li> <li>6. Develop inventory for at-risk structures</li> </ol>	

MITIGATION PRACTICE	HAZARD ADDRESSED	PRIORITY	STATUS	2024 STATUS
<p><b>Emergency Response &amp; Recovery</b></p> <ol style="list-style-type: none"> <li>Inventory needs for mobile data terminals or equipment in response vehicles and purchase and install as feasible</li> <li>Review and update procedures to alert and evacuate populations (especially special needs populations) in known hazard areas SFHAs, dam failure areas, Tier II areas) <i>(2011 Measure)</i></li> <li>Develop a water rescue and dive team</li> <li>Develop and implement a voluntary immunization program for all emergency responders, inspection staff, and families</li> <li>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>Investigate options for mobile sand bagging equipment and associated generator</li> <li>Develop snow removal routes and post signage to educate residents and visitor</li> <li>Purchase additional snow removal and pre-treatment equipment and supplies</li> <li>Investigate reciprocal agreements between neighboring communities/counties for structural inspections following hazardous events</li> <li>Construct a new EOC <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"/> 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"/> Wildfire</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>High <i>(data terminals, evacuations, water rescue team)</i></p> <p>Moderate <i>(immunizations, record-keeping, sand bagging equipment, snow routes, snow equipment)</i></p> <p>Low <i>(reciprocal agreements, new EOC)</i></p>	<p><b>Ongoing –</b></p> <ol style="list-style-type: none"> <li>Some vehicles have data terminals installed</li> <li>Flood Response Plan has been developed for City of Wabash; IEAPs exist for ACoE dams</li> <li>DNR has water recovery team</li> <li>Some immunizations are offered through insurance plans</li> <li>Some post-event communication occurs</li> <li>Currently borrow sand bagging equipment</li> <li>Reciprocal agreements exist for Fire/EMS</li> </ol> <p><b>Proposed Enhancement –</b></p> <ol style="list-style-type: none"> <li>Inventory needs (hardware, software) and prioritize updates or installations</li> <li>Continue to review and update as needed; involve additional public entities, special needs providers</li> <li>Develop water rescue team for county</li> <li>Increase type of immunizations offered and extend to family members as a part of employment agreement</li> <li>Develop detailed database for all communities to track and input data during and following events</li> <li>Investigate and purchase most appropriate equipment</li> <li>Develop primary and secondary snow removal routes and post signage in appropriate areas</li> <li>Inventory existing and needed snow fight equipment, purchase as able</li> <li>Develop agreements for structural inspections or other post-event services</li> <li>Construct new EOC</li> </ol>	
<p><b>Community Rating System</b></p> <ol style="list-style-type: none"> <li>Reduce flood insurance premiums through participation in the NFIP's CRS Program.</li> </ol> <p><i>(Will assist with NFIP compliance)</i></p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Drought</li> <li><input type="checkbox"/> Earthquake</li> <li><input type="checkbox"/> Extreme Temperature</li> <li><input checked="" type="checkbox"/> Flood</li> <li><input type="checkbox"/> Hail/Thunder/Wind</li> <li><input type="checkbox"/> Landslide/Subsidence</li> <li><input type="checkbox"/> Tornado</li> <li><input type="checkbox"/> Wildfire</li> <li><input type="checkbox"/> Winter Storm/Ice</li> <li><input type="checkbox"/> Dam Failure</li> <li><input type="checkbox"/> HazMat Incident</li> </ul>	<p>Moderate</p>	<p><b>Ongoing –</b></p> <ol style="list-style-type: none"> <li>No communities participate</li> </ol> <p><b>Proposed Enhancement –</b></p> <ol style="list-style-type: none"> <li>Participation from County and others as one NFIP</li> </ol>	

MITIGATION PRACTICE	HAZARD ADDRESSED	PRIORITY	STATUS	2024 STATUS
<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</li> <li>3. Complete a Watershed Plan or Stormwater Master Plan</li> <li>4. Elevate intersections to alleviate damages associated with flood impacts</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 checked="" type="checkbox"/> Flood <input type="checkbox"/> Hail/Thunder/Wind <input type="checkbox"/> Landslide/Subsidence <input type="checkbox"/> Tornado <input type="checkbox"/> Wildfire <input type="checkbox"/> Winter Storm/Ice <input type="checkbox"/> Dam Failure <input type="checkbox"/> HazMat Incident	Moderate	<p><b>Ongoing –</b></p> <ol style="list-style-type: none"> <li>1. City of Wabash has flood depth mapping associated with the Flood Response Plan</li> </ol> <p><b>Proposed Enhancements –</b></p> <ol style="list-style-type: none"> <li>1. Complete flood depth grid mapping to include all flood prone areas within the County, especially in municipalities</li> <li>2. Complete studies for streams with smaller drainage areas or those locations with poor drainage</li> <li>3. Prioritize areas for watershed plan or stormwater master plan development</li> <li>4. Identify and prioritize intersections to elevate to alleviate flood impacts</li> </ol>	
<p><b>Management of High Hazard Dams</b></p> <ol style="list-style-type: none"> <li>1. Review regular inspection reports and maintenance records, and participate in reviews and exercises of the IEAPs of high hazard dams (Salamonic, Mississinewa, and Roush)</li> </ol>	<input type="checkbox"/> Drought <input checked="" type="checkbox"/> Earthquake <input type="checkbox"/> Extreme Temperature <input checked="" type="checkbox"/> Flood <input type="checkbox"/> Hail/Thunder/Wind <input checked="" type="checkbox"/> Landslide/Subsidence <input type="checkbox"/> Tornado <input type="checkbox"/> Wildfire <input type="checkbox"/> Winter Storm/Ice <input checked="" type="checkbox"/> Dam Failure <input type="checkbox"/> HazMat Incident	Low	<p><b>Ongoing –</b></p> <ol style="list-style-type: none"> <li>1. Inspections and IEAP exercises routinely completed</li> </ol> <p><b>Proposed Enhancements –</b></p> <ol style="list-style-type: none"> <li>1. Ensure EMA continues to participate in IEAP exercises</li> </ol>	

*This page intentionally blank*