

APPENDIX 3: INACTIVE PROJECTS

This appendix lists projects that have appeared in previous versions of the mitigation plan. It serves as a record of what has been completed in Columbiana County.

COLUMBIANA COUNTY INACTIVE MITIGATION PROJECTS		
<i>Project Number</i>	<i>Mitigation Project</i>	<i>Status</i>
HAZARD 1: FLOODING		
4.3.2	Participate in the Community Rating System (CRS) on a countywide basis to reduce flood insurance rates.	6 & 10, CRS Status update came from Soil & Water; Summitville does not participate in CRS.
4.1.3	Educate local officials on sources of information that can be used to monitor flooding, storm, and other weather information (i.e., IFLOWS, USGS gage data, etc.).	w/ EMA EMA currently has access to a river gauge in Mahoning County that affects Knox Twp. Can make it available to local officials.
4.4.1	Continue to offer funds and technical assistance to homeowners who need sump pumps or check valves installed near flood hazard areas and other areas experiencing flash flooding.	Chip – Yes/Health
4.3.3	Confirm status of repetitive loss structures and develop community-specific plan to flood-proof, relocate, or buyout to eliminate future risks.	On-going Every three years, the EMA evaluates bought-out properties to make sure they are still green space.
HAZARD 2: SEVERE WIND / TORNADO		
7.2.4	Perform an annual update of shelters and re-location facilities for at-risk residents.	EMA works with appropriate organizations to review and update MOUs for shelters annually.
7.1.2	Add additional tornado siren warning system capacity (need for 20 sirens). Update siren system to be used for warnings for all hazards.	Electronic notification system WENS Electronic notification installed The EMA also integrated IPAWS capabilities into the overall warning system.

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7.2.1	Coordinate with the State Building Inspector to annually assess county building codes to determine possible enhancements for reducing tornado risks that supplement Ohio Building Code requirements for commercial and apartments with four (4) or more dwellings.	<p>Yes There is no Building Inspector! No building code The state building inspector does all commercial buildings and those with four or more units. Update "County" to "State." Add an inspector question to the capability survey because some municipalities do have inspection capabilities.</p>
HAZARD 3: SEVERE WINTER STORM		
8.1.1	Coordinate with local private contractors and volunteers to develop mutual aid agreements for emergency snow removal.	<p>✓ The county has MOUs for salt and de-icer with municipalities and townships.</p>
8.2.2	Seek funding to purchase a generator for Columbiana County Career and Technical Center to support primary sheltering operations and health medical operations.	<p>Good choice Completed Done</p>
HAZARD 4: DAM FAILURE		
1.1.3	Coordinate with the ODNR, Dam Safety Engineering Program, to conduct regular safety inspections of existing dams in Columbiana County.	ODNR Inspectors
1.1.1	Coordinate with the Ohio Department of Natural Resources, Division of Soil & Water – Dam Safety Section, in accordance with ORC Section 1512.062, to periodically reclassify any dam within Columbiana County as a result of a change in circumstances not in existence at the time of the dam's initial classification to ensure adequate safety according to the potential for downstream damage.	ODNR does this as part of its regular duties. When ODNR conducts inspections in Columbiana County, it notifies the EMA.
1.1.2	During all new dam construction, encourage the completion of a critical flood engineering analysis by a professional engineer licensed in the State of Ohio.	<p>Required If the dam is a Class 1 structure, the owner also does an inundation study.</p>
1.1.5	Work with Class I dam owners to develop Emergency Action Plans, to include a detailed assessment of the vulnerability of structures and critical facilities near the hydrological shadow of the dams.	<p>ODNR This has been more of a focus for ODNR in the past few years, and ODNR has a review and approval process. ODNR shares EAPs with the EMA.</p>
1.1.4	Develop a notification system that can be utilized to notify residents and businesses downstream of large dams of actions to take before a dam failure, if lead time exists. (i.e., similar to reverse 911 system).	<p>EMA? Completed – WENS.</p>

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HAZARD 5: HAZARDOUS MATERIALS INCIDENT		
5.3.3	Provide awareness of, training on, and implementation of radiological emergency procedures to include both primary and secondary Emergency Planning Zones as appropriate in case of an incident at the Beaver Valley Nuclear Power Plant.	Annually occurs – one-year hospital drills & opposite year EMA response drills – FEMA graded Yearly project
5.3.1	Develop and exercise site emergency plans and community response plans as required under SARA Title III for fixed and transportation-related hazmat incidents.	The LEPC conducts a transportation-based exercise annually.
5.3.2	Train, equip, and prepare covered facilities and local hazardous material emergency response teams.	CERT team verified in Columbiana County On-going; & updated training equipment There are hazmat teams that serve Columbiana County that address this item (i.e., <u>not</u> CERT teams). Significantly, there is cross-state collaboration with northern Hancock County (WV) responders.
5.2.1	Consider installing Dynamic Message Boards on major roadways that displays information concerning transportation-related hazmat incidents to motorists.	ODOT has installed boards.
HAZARD 6: DROUGHT		
2.1.1	Develop an informational brochure to distribute to local farmers and residents (i.e., provide information at county fairs or on a web site). Update and continue use of educational displays that illustrate natural hazards that the county is susceptible to at special events.	The EMA has general information that is made available to the public. Additionally, the health department pushes this type of information via its social media platforms.
2.2.1	Seek funding to purchase backup generators to ensure adequate water supply capacities.	Yes
2.2.2	Encourage various water distribution systems to install system interconnects so as to assist each other with water supply during times of drought.	The health department has a plumbing inspector that does much of this work.
HAZARD 7: SEVERE THUNDERSTORM / HAIL / LIGHTNING		
6.1.1	Coordinate with the National Weather Service (NWS) to warn residents of impending severe thunderstorm conditions. Educate county and local governmental officials on the need to update information regarding non-site-specific natural hazards.	NECO Region 5 (13 county area) sends NWS emails to health departments – post on Facebook page
6.1.3	Encourage the use of the Emergency Alert System (EAS) on commercial radio, television, and cable systems to send out emergency information targeted to specific areas.	EMA does this already
6.2.3	Ensure that surge protection, such as surge protectors and grounding (GFCI outlets), has been installed on all critical electronic equipment owned by county government.	The committee opted to delete this project since it is a standard practice in construction/upgrades.

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6.2.2	Encourage residents and businesses to install window shutters, laminated glass in window panes, and hail-resistant roof shingles to minimize damage to public and private structures.	Include in outreach materials.
6.2.1	Consider burying utility lines during new construction or trimming and maintaining trees to prevent limb breakage to safeguard nearby utility lines.	Refer to the building inspector conversation from above.
HAZARD 10: MISCELLANEOUS HAZARDS		
10.3.1	Develop additional training and update resource materials for completing damage estimates pursuant to Federal Disaster Declarations.	CERT team trained in damage assessment
10.4.1	Coordinate with those communities in the county that lack zoning to determine if zoning or other approaches may be useful to reducing natural hazards risks unique to them.	The committee elected to delete this project because zoning is a difficult conversation at the county level. Further, several municipalities have zoning that can support mitigation. The committee also left the building inspection/codes strategies in the plan.

CITY OF COLUMBIANA INACTIVE MITIGATION PROJECTS		
<i>Project Number</i>	<i>Mitigation Project</i>	<i>Status</i>
1A.1.1	Participate in the Community Rating System (CRS).	DEFERRED The city opted to defer this project until a later date. Its current priority focus is addressing flooding via storm sewer improvements.
N/A	Construct a new fire station in the southern portion of the city to support operations in all areas of town if a train stalls on the tracks splitting the city.	COMPLETED The city used levy funds to construct a new station in 2017.

CITY OF EAST LIVERPOOL INACTIVE MITIGATION PROJECTS		
<i>Project Number</i>	<i>Mitigation Project</i>	<i>Status</i>
1B.1.2	Consider conducting acquisition and relocation projects in East Liverpool.	DEFERRED The city prefers to educate residents on the benefits of flood insurance, and it currently has no plans to undertake acquisition or relocation projects. The project is

		valid, so the city listed it as "deferred" to take advantage of future opportunities to make it active should funding be available.
N/A	Upgrade flood and other hazard notification capabilities via Nixle.	COMPLETED Per the city's fire chief, East Liverpool recently launched the Nixle system in the city.

CITY OF SALEM INACTIVE MITIGATION PROJECTS		
<i>Project Number</i>	<i>Mitigation Project</i>	<i>Status</i>
1.C.1.1	Coordinate with property owners to decrease the amount of impermeable ground coverage in upland drainage areas to allow more water to be absorbed into the ground.	DEFERRED City officials deferred this project because the city did not suffer significant impacts in the recent Presidentially-declared flooding disasters. Deferring this project enables the city to focus on a more acute risk (i.e., hazardous material incidents via rail).

VILLAGE OF HANOVERTON INACTIVE MITIGATION PROJECTS		
<i>Project Number</i>	<i>Mitigation Project</i>	<i>Status</i>
1E.1.1	Consider constructing snow fences or planting rows of trees to serve as living snow fences to limit blowing and drifting snow over critical roadways.	DELETED The village deleted this project as part of the 2019 update. Village officials elected to replace it with a project that would have more applicable to a wider range of hazards.

VILLAGE OF LEETONIA INACTIVE MITIGATION PROJECTS		
<i>Project Number</i>	<i>Mitigation Project</i>	<i>Status</i>
1F.1.1	Improve the design, routing, and traffic control at problem roadway areas.	DELETED The village deleted this project as part of the 2019 update. Village officials replaced it with a project that addresses more acute risk concerns (i.e., flooding).

VILLAGE OF LISBON INACTIVE MITIGATION PROJECTS		
<i>Project Number</i>	<i>Mitigation Project</i>	<i>Status</i>
1G.1.2	Monitor water levels with stream gauges and/or trained monitors.	DELETED The village deleted this project during the 2019 update. The project has proven unfeasible due to cost constraints.

VILLAGE OF NEW WATERFORD INACTIVE MITIGATION PROJECTS		
<i>Project Number</i>	<i>Mitigation Project</i>	<i>Status</i>
1H.1.1	Consider elevating critical flood-prone structures above the 100-year flood level, and/or conducting acquisition/relocation projects where and as needed.	DEFERRED The village deferred this project due to lack of regular available funding. Deferring the project allows village officials to focus on projects that address more acute risk concerns.

VILLAGE OF SALINEVILLE INACTIVE MITIGATION PROJECTS		
<i>Project Number</i>	<i>Mitigation Project</i>	<i>Status</i>
1J.1.1	Coordinate with the railroad company to periodically inspect and improve designs at problem railway/roadway intersections.	DELETED The village deleted this project to focus on higher-priority hazards.

VILLAGE OF WASHINGTONVILLE INACTIVE MITIGATION PROJECTS		
<i>Project Number</i>	<i>Mitigation Project</i>	<i>Status</i>
1L.1.1	Encourage businesses and residents to utilize safe interior designs and furniture arrangements (i.e., anchoring tall bookcases and file cabinets, installing latches on drawers and cabinet doors, using flexible connections on gas and water appliances, mounting framed pictures and mirrors securely, and anchoring and bracing propane tanks and gas cylinders).	DELETED The village deleted this project to focus on hazards more commonly thought to impact the village's residents.