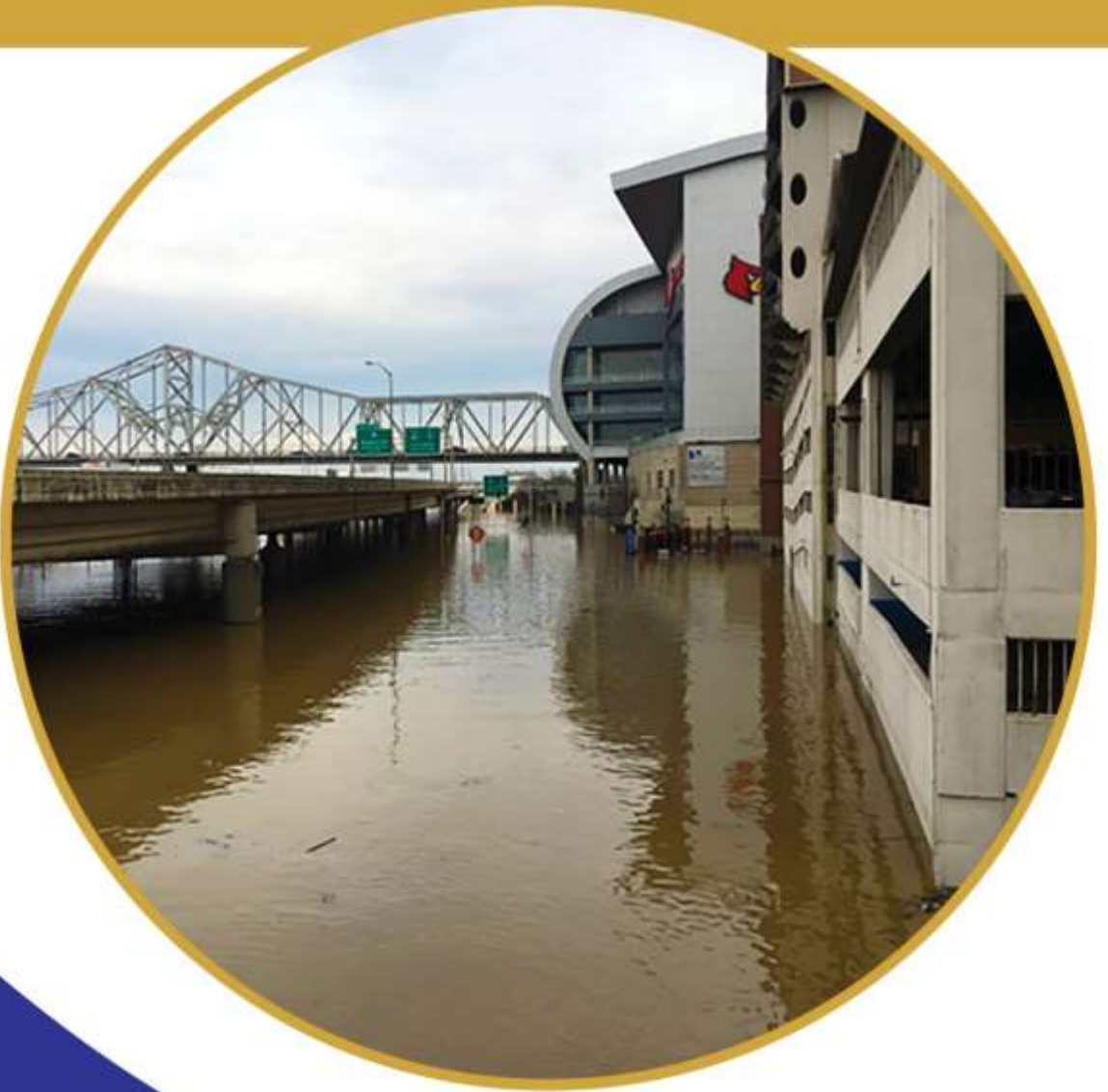


2022 Louisville Metro Hazard Mitigation Plan



**2022 Plan Mitigation
Strategies**



AECOM

ALL HAZARDS									
Action No.	Type of Activity or Project	New Building and Infrastructure	Proposed Schedule	Lead Agency	Alignment with Plan Goals	Funding	Cost (L-M-H)	Benefit (L-M-H)	Priority (L-M-H)
1.1	Prepare for special needs at-risk groups during disaster. Continue to develop special needs preparedness program: 1. Continue to develop “Special needs registry” 2. Promote campaign to self-identify if special needs are in a household 3. Build a Special needs database to help plan for response activities and shelters and evacuation.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	Metro EMA Sustainability	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input checked="" type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input checked="" type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H
1.2	Develop Health Impact Assessment “Tool” to assist in developing mitigation projects: 4. Continue to develop a Health Impact Assessment Tool through Center for Health Equity that will evaluate proposed development projects in connection with the potential ramifications to the health and wellness of stakeholders.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Ongoing	Public Health and Wellness	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input checked="" type="checkbox"/> Goal 7 <input checked="" type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H
1.3	Community Health Education clearinghouse: Center for Health Equity to continue public education efforts: 5. Promotion and potentially partnering with others to serve as a “clearinghouse” for local health information 6. Assist people find proper resources for such things as health screenings, existing education or outreach programs, etc.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	Public Health and Wellness	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input checked="" type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input checked="" type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H

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	7. Public Health currently working to develop a list of resources. Developing strategy to better promote a coordinated service.								
1.4	Increase training for WebEOC. Continue to promote and utilize state WebEOC platform for managing local incidents: 8. Increase training for more people to use Web EOC. 9. Set schedules 10. Develop list of potential candidates.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	Metro EMA	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input checked="" type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input checked="" type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H
1.5	Continue to install emergency generators in public schools: 11. Acquire emergency generators to supply electrical power for shelters both for the school system and the community. 12. Continue to prioritizing facilities to receive generators based on HVAC renovations.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Ongoing	JCPS	<input checked="" type="checkbox"/> Goal 1 <input checked="" type="checkbox"/> Goal 2 <input checked="" type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input checked="" type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input checked="" type="checkbox"/> Grants <input type="checkbox"/> Others	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H
1.6	Continue to procure emergency supply kits for public schools: 13. Continue to procure basic emergency supply kits for schools based on real-time threats, using new and improved technologies where possible.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	JCPS	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input checked="" type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H

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1.7	Community Hazard Assessment and Mitigation Planning System (CHAMPS) implementation and training for Louisville Metro emergency management staff: 14. Although staff have been trained on CHAMPS use, Metro ES staff have not taken active engagement in platform. As program matures, make efforts to increase participation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	Metro EMS KyEM	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input checked="" type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H
1.8	Continue public education & standard public statements for all hazards: 15. Continue to promote use of early warning systems in multiple languages for standard outreach materials 16. Continue to use records by MetroCall 311 to disseminate brief information on hazards. 17. Continue to use Greater Louisville TV (GLTV) for awareness messages. 18. Utilize News media for public education and event notification 19. Continue to promote better personal planning/public education for disaster preparedness 20. Develop and utilize "Fact Sheets" for educational and public outreach to ensure consistent message for ARC, Health Dept., EMA, LG&E, Dept. of Education,	<input type="checkbox"/> Yes <input type="checkbox"/> No	Ongoing	Metro EMA NWS ARC Public Health and Wellness JCPS LG&E	<input checked="" type="checkbox"/> Goal 1 <input checked="" type="checkbox"/> Goal 2 <input checked="" type="checkbox"/> Goal 3 <input checked="" type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input checked="" type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H

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	21. Continue to partner with known disability advocacy organizations to target preparedness messages and threat alerts to vulnerable populations (hearing impaired, visually impaired, homeless, linguistically isolated, etc..)								
1.9	Increase registration for Mobile Alert technology: 22. Continue efforts to increase resident and business participation in receiving mobile alerts related to potential hazards.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	Metro EMA NWS MSD	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input checked="" type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input checked="" type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H
1.10	Utilize JCPS weather stations: 23. Stations were installed on 15-20 schools as part of UofL study on urban heat island to get real-time data, including temp, dew point, precipitation, winds, and barometric pressure. Continue this program to obtain additional data.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	NWS JCPS	<input type="checkbox"/> Goal 1 <input checked="" type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H
1.11	Re-establish bi-annual hazard mitigation meetings. 24. Bring together stakeholders and implementers to update mitigation strategies (funding and progress)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	Metro EMA MSD KyEM	<input checked="" type="checkbox"/> Goal 1 <input checked="" type="checkbox"/> Goal 2 <input checked="" type="checkbox"/> Goal 3 <input checked="" type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input checked="" type="checkbox"/> Goal 6 <input checked="" type="checkbox"/> Goal 7 <input checked="" type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H

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1.12	Update and develop new research publications related to climate change and its impact on hazards. 25. Over the past five years, Advanced Planning produced numerous research reports associated with climate change. Through the next five years, continue these efforts to further address how a changing climate changes LLL threat and risk profile.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1-5 Years	Advanced Planning	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input checked="" type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H
1.13	Establish JCPS MetroSafe access 26. Develop a strategy to link JCPS radio systems to MetroSafe network so that during emergency events a secure communications channel can be established.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1-3 Years	JCPS	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input checked="" type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input checked="" type="checkbox"/> Goal 6 <input checked="" type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H
1.14	Continue exercise program and expand to include discussions on mitigation strategies 27. The Pandemic put exercises on hold. Major exercise should focus on active shooter or natural disaster such as Tornado and discuss all elements of emergency management to include mitigation efforts.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1-3 Years	JCPS	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input checked="" type="checkbox"/> Goal 3 <input checked="" type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input checked="" type="checkbox"/> Grants <input type="checkbox"/> Others	<input type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H

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1.15	Conduct early-warning siren tests at schools 28. Conduct test at each JCPS to determine if early-warning siren systems are audible. Incorporate EARS (Emergency Alert Radio System) radio functionality into tests.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1-3 Years	JCPS	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input checked="" type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input checked="" type="checkbox"/> Goal 6 <input checked="" type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H
1.16	Explore partnerships to increase weather monitoring 29. Explore partnerships with LLL facilities to install weather monitoring data on existing government buildings. This should include JCPS facilities. Use data collected as part of school educational curriculum.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1-3 Years	JCPS	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input checked="" type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input checked="" type="checkbox"/> Goal 6 <input checked="" type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input checked="" type="checkbox"/> Grants <input type="checkbox"/> Others	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H
1.17	Institute a formal emergency generator management/maintenance program 30. Institute a central generator management program to include a dashboard that can provide immediate visibility to JCPS leadership on issues related to operational capabilities.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1-3 Years	JCPS	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input checked="" type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H

FLOOD HAZARDS									
Action No.	Type of Activity or Project	New Building and Infrastructure	Proposed Schedule	Lead Agency	Alignment with Plan Goals	Funding	Cost (L-M-H)	Benefit (L-M-H)	Priority (L-M-H)
2.1	Review/Update Floodplain Ordinance: 1. Utilize existing Floodplain Ordinance Workgroup to review existing Floodplain Ordinance and propose changes to improve safety and resiliency, as well as improve ordinance administration as needed/required.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	MSD	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input checked="" type="checkbox"/> Goal 3 <input checked="" type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input checked="" type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
2.2	Flood studies for mitigation: 2. Continue to update flood models in areas with known flooding issues and problematic modeling, including the 10-year flood intervals.	<input type="checkbox"/> Yes <input type="checkbox"/> No	Ongoing	MSD	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input checked="" type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input checked="" type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
2.3	Continue floodplain buyouts throughout the county: 3. Identify repetitive loss, severe repetitive loss candidates, and other floodprone properties. 4. Prepare grant applications as funds become available.	<input type="checkbox"/> Yes <input type="checkbox"/> No	Ongoing	MSD	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input checked="" type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input checked="" type="checkbox"/> Goal 8	<input type="checkbox"/> Normal Operating Budget <input checked="" type="checkbox"/> Grants <input type="checkbox"/> Others	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
2.4	Review feasibility of regional stormwater/flood control basins: 5. Continue process to review basins for repair and replacement.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Ongoing	MSD	<input checked="" type="checkbox"/> Goal 1 <input checked="" type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6	<input type="checkbox"/> Normal Operating Budget <input checked="" type="checkbox"/> Grants <input type="checkbox"/> Others	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H

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					<input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8				
2.5	Place flood elevation markers or other signage along floodprone roads and parking areas: 6. Continue program to focus on roads that are frequently overtopped to demonstrate to drivers/pedestrians how deep the water can be. 7. Complete an inventory of current sign locations, develop a strategy for posting warning signs and post as funding allows.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	MSD Metro Parks	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H
2.6	Review and update flood related emergency preparedness and response plans: 8. Continue to review and update plans including evacuation of at-risk populations to include seniors and disabled.	<input type="checkbox"/> Yes <input type="checkbox"/> No	Ongoing	EMA MSD	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input checked="" type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
2.7	Repair and replace flood pump stations as required: 9. Continue to rehab, replace and update flood pump stations as needed.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Ongoing	MSD	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input checked="" type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input checked="" type="checkbox"/> Goal 6	<input checked="" type="checkbox"/> Normal Operating Budget <input checked="" type="checkbox"/> Grants <input checked="" type="checkbox"/> Others	<input type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H

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	10. Inventory and verify emergency generators and backup. Apply for grants where needed.				<input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8				
2.8	Establish and coordinate tree programs and partnerships to increase tree canopy, parkway areas: 11. Continue program with Metro Parks to expand the tree canopy in the metropolitan area. Part of the plant 10,000 trees campaign. 12. Metro Parks will continue over the next five years to replace trees along parkways and in landscaped park areas as needed to retain tree canopy cover in the metropolitan area. MSD will contribute 1,000 trees per year.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	Metro Parks MSD Louisville Metro Community Forestry	<input type="checkbox"/> Goal 1 <input checked="" type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input checked="" type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
2.9	Continue public outreach regarding basement flooding: 13. Continue to send annual letters to everyone in floodplain and repetitive loss properties. 14. Educate the public on keeping critical items out of basements – computers, books, important files etc. 15. Target audience should include those on regulatory floodplains or MSD customer service requests rather than just the FEMA floodplains.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	MSD Media	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input checked="" type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H

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Action No.	Type of Activity or Project	New Building and Infrastructure	Proposed Schedule	Lead Agency	Alignment with Plan Goals	Funding	Cost (L-M-H)	Benefit (L-M-H)	Priority (L-M-H)
2.10	Continue Public Outreach related to NFIP and Plumbing Modification Programs: 16. Continue to deliver annual letters to everyone in floodplain and repetitive loss properties discussing the merits of both programs.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	MSD	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input checked="" type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
2.11	Increase Coordination of Flood Warning using NWS Chat Rooms: 17. NWS Chat Rooms are set up to coordinate with staff in an official capacity. Several chat rooms exist, and NWS can set up additional ones if needed. Chat Rooms already include USGS, Corp, media, & EMS and can be made available to other agencies.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	NWS	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input checked="" type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input checked="" type="checkbox"/> Goal 6 <input checked="" type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
2.12	Elevation of floodprone properties: 18. Determine if elevation is feasible and cost effective for existing floodprone homes. 19. If feasible, elevate homes to at least one foot above the local regulatory floodplain elevation.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	MSD	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input checked="" type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input checked="" type="checkbox"/> Goal 8	<input type="checkbox"/> Normal Operating Budget <input checked="" type="checkbox"/> Grants <input type="checkbox"/> Others	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H

FLOOD HAZARDS									
Action No.	Type of Activity or Project	New Building and Infrastructure	Proposed Schedule	Lead Agency	Alignment with Plan Goals	Funding	Cost (L-M-H)	Benefit (L-M-H)	Priority (L-M-H)
2.13	Continue drainage improvement projects: 20. Conduct new studies on smaller subbasin basis to determine future drainage improvement projects.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	MSD	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input checked="" type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input type="checkbox"/> Normal Operating Budget <input checked="" type="checkbox"/> Grants <input type="checkbox"/> Others	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
2.14	Increase the use of information technology: 21. Continue to explore new technologies to replace aging infrastructure. Research and secure improvements related to level sensors on streams, flood prone areas and viaducts to provide flood information.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Ongoing	MSD	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input checked="" type="checkbox"/> Goal 6 <input checked="" type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input type="checkbox"/> Normal Operating Budget <input checked="" type="checkbox"/> Grants <input type="checkbox"/> Others	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
2.15	Increase notification capabilities: 22. Incorporate best-practice information technology related to flooding and dams/levee failures.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	MSD Metro EMA	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input checked="" type="checkbox"/> Goal 6 <input checked="" type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input checked="" type="checkbox"/> Grants <input type="checkbox"/> Others	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
2.16	Protect existing buildings and infrastructure: 23. Target at-risk public and private buildings from flood for mitigation/retrofit	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	MSD LOJIC Jeffersontown	<input type="checkbox"/> Goal 1 <input checked="" type="checkbox"/> Goal 2 <input checked="" type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6	<input checked="" type="checkbox"/> Normal Operating Budget <input checked="" type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H

FLOOD HAZARDS									
Action No.	Type of Activity or Project	New Building and Infrastructure	Proposed Schedule	Lead Agency	Alignment with Plan Goals	Funding	Cost (L-M-H)	Benefit (L-M-H)	Priority (L-M-H)
					<input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8				
2.17	Install a rain garden and creek access at the MSD Floyds Fork Water Quality Treatment Center: 24. Follow concept design to include educational outreach signage.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1-3 Years	MSD	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input checked="" type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
2.18	Conduct a Big Run Flood Mitigation Study: 25. A grant application has been submitted to FEMA for review for conducting a flood mitigation study to determine potential projects needed to reduce flooding impacts from Big Run.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1-5 Years	MSD	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input checked="" type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input type="checkbox"/> Normal Operating Budget <input checked="" type="checkbox"/> Grants <input type="checkbox"/> Others	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
2.19	Conduct an Oak Valley Floodplain Study: 26. A study is underway to determine the limits of the local regulatory floodplain in the area of Oak Valley Drive. This study will identify potential projects to alleviate localized flooding.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	MSD	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input checked="" type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H

FLOOD HAZARDS									
Action No.	Type of Activity or Project	New Building and Infrastructure	Proposed Schedule	Lead Agency	Alignment with Plan Goals	Funding	Cost (L-M-H)	Benefit (L-M-H)	Priority (L-M-H)
2.20	Continue Drive In Branch Flood Basin Project: 27. Drive In Branch, a tributary of Big Run, is currently being studied to investigate potential benefits of improvements to existing storage basins and channels in mitigating localized flooding. Alternatives being evaluated in the study are expansion of storage basin volumes, incorporation of green management practices and channel restoration.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	MSD	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input checked="" type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
2.212	Paddy's Run Flood Pumping Station Project: 28. The Paddy's Run Flood Pumping Station will be replaced with a new facility to increase the pumping capacity of this location. Built in 1953, it is beyond its useful life and in need of full replacement to prevent catastrophic risks to disadvantaged communities within the inundation area.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3-5 Years	MSD	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input checked="" type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input checked="" type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
2.22	River Road Reconstruction Project: 29. This project will elevate River Road above the 10 year floodplain to increase access to properties along River Road during smaller, more frequent floods.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1-3 Years	MSD	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input checked="" type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H

FLOOD HAZARDS									
Action No.	Type of Activity or Project	New Building and Infrastructure	Proposed Schedule	Lead Agency	Alignment with Plan Goals	Funding	Cost (L-M-H)	Benefit (L-M-H)	Priority (L-M-H)
					<input type="checkbox"/> Goal 7 <input checked="" type="checkbox"/> Goal 8				
2.23	Western Flood Pump Station Project: 30. The Western Flood Pump Station project proposes to increase capacity of the pump station and increase the volume of the surge basin to reduce roadway and structure flooding in this area.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1-3 Years	MSD	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input checked="" type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
2.24	Northern Ditch Watershed Mitigation Project: 31. Preliminary approval has been given for a grant to evaluate the Northern Ditch watershed for mitigation opportunities. A location near West Indian Trail has been identified for a potential regional detention basin and would be included in this study. This basin would create additional storage volume for the Pond Creek Watershed during major flooding events.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1-3 Years	MSD	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input checked="" type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
2.25	Roberson Run Flood Control Basin Retrofit: 32. The existing Roberson Run flood control basin is currently being evaluated to determine retrofit opportunities for water quality mitigation measures as well as potential reductions to downstream flooding.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1-2 Years	MSD	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input checked="" type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H

FLOOD HAZARDS									
Action No.	Type of Activity or Project	New Building and Infrastructure	Proposed Schedule	Lead Agency	Alignment with Plan Goals	Funding	Cost (L-M-H)	Benefit (L-M-H)	Priority (L-M-H)
2.26	Evaluate new platforms to better facilitate communications related to flooding concerns: 33. National Weather Service personnel are currently assessing various notification platforms to increase capabilities to inform people of potential flooding events.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1-2 Years	NWS	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input checked="" type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
2.27	Construct additional rain gages and stream gages: 34. Construct additional gages on un-gaged streams to be used for flood forecast and warning.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1-3 Years	MSD	<input checked="" type="checkbox"/> Goal 1 <input checked="" type="checkbox"/> Goal 2 <input checked="" type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input checked="" type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input type="checkbox"/> Normal Operating Budget <input checked="" type="checkbox"/> Grants <input type="checkbox"/> Others <input type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H

DAM AND LEVEE FAILURE HAZARDS									
Action No.	Type of Activity or Project	New Building and Infrastructure	Proposed Schedule	Lead Agency	Alignment with Plan Goals	Potential Funding Sources	Cost (L-M-H)	Benefit (L-M-H)	Priority (L-M-H)
3.1	Risk assessment: develop a Dam and Levee Risk Assessment with best available data. Phase 1: Verify locations for existing dams. Develop data inventory of all dams within Louisville Metro area. Steps include: 1. Collect data from KDOW for locations and assessment of the State-Owned dams. 2. Perform research in the State Dam Safety Program records, which requires an "Open Records" request to the KDOW. 3. Research records and locations of dams within metro boundaries. 4. From research, collect other important data, e.g. current EOPs, dam materials, past inspections, violations, etc... 5. Collect inventory of dam locations and geo-code. 6. Verify which Class C dams have an EOP. * FEMA grant submitted in 2016 by Metro	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Ongoing	MSD LOJIC KDOW	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input checked="" type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
3.2	Risk assessment: develop a Dam and Levee Risk Assessment with best available data. Phase 2: Perform Risk Assessments on Class B and C Dams, High-Hazard Dams	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	MSD	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H

DAM AND LEVEE FAILURE HAZARDS									
Action No.	Type of Activity or Project	New Building and Infrastructure	Proposed Schedule	Lead Agency	Alignment with Plan Goals	Potential Funding Sources	Cost (L-M-H)	Benefit (L-M-H)	Priority (L-M-H)
	7. Verify all Class C dams have and maintain an EOP (using a newly developed template and tied to above action item results). 8. Verify downstream warning system, public notice, etc. are included in EOP. Class B, Moderate/Significant Risk Dams 9. Assess Class B dams for any downstream construction that might raise dam classification				<input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8				
3.3	Inspect dams for failure and removal or replace unsafe dams: 10. After inspections, unsafe dams will be addressed to determine next steps for repair and/or removal of dams. An unsafe dam would move to a Priority A project for immediate action. * Project dependent upon dam inventory and assessment (Phases 1 & 2)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Ongoing	KDOW	<input checked="" type="checkbox"/> Goal 1 <input checked="" type="checkbox"/> Goal 2 <input checked="" type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input checked="" type="checkbox"/> Others	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
3.4	Continue evaluation of damage to levee and flood protection systems: 11. Continue to evaluate Ohio River Flood Protection Systems and large pump stations (i.e. Beargrass Creek). Partner with USACE on both regulatory driven annual and five-year inspections	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	MSD USACE	<input checked="" type="checkbox"/> Goal 1 <input checked="" type="checkbox"/> Goal 2 <input checked="" type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H

DAM AND LEVEE FAILURE HAZARDS									
Action No.	Type of Activity or Project	New Building and Infrastructure	Proposed Schedule	Lead Agency	Alignment with Plan Goals	Potential Funding Sources	Cost (L-M-H)	Benefit (L-M-H)	Priority (L-M-H)
3.5	Continue Metro Parks remedial work on agency operated dams: 12. Continue remedial work as needed based on inspections 13. Continue to coordinate with MSD on maintenance and inspection issues	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	Metro Parks MSD	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input checked="" type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
3.6	Continue public awareness efforts: 14. Installation of signage related to flood protection system history and assets to indicate allowed/prohibited activities on the levee system is complete. Dam signage is not yet complete.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	MSD	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H
3.7	Initiate 24-hour high hazard dam monitoring and warning system for those in inundation areas: 15. Moving forward with design and construction of level sensors/monitoring equipment on High Hazard dams maintained by MSD. Funded by Silver Jackets	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	MSD	<input checked="" type="checkbox"/> Goal 1 <input checked="" type="checkbox"/> Goal 2 <input checked="" type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input checked="" type="checkbox"/> Others	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
3.8	Catastrophic Flood/Levee Failure Planning Study 16. Support FEMA evacuation consultant in the development of a concept of operations plan (Phase II). Once this plan has been reviewed and approved the actual	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	MSD	<input checked="" type="checkbox"/> Goal 1 <input checked="" type="checkbox"/> Goal 2 <input checked="" type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6	<input type="checkbox"/> Normal Operating Budget <input checked="" type="checkbox"/> Grants <input checked="" type="checkbox"/> Others	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H

DAM AND LEVEE FAILURE HAZARDS									
Action No.	Type of Activity or Project	New Building and Infrastructure	Proposed Schedule	Lead Agency	Alignment with Plan Goals	Potential Funding Sources	Cost (L-M-H)	Benefit (L-M-H)	Priority (L-M-H)
	evacuation plan will be developed. Funded through grants and Silver Jackets.				<input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8				
3.9	Monitor and comment on state dam construction and inspection criteria. 17. Continue to work on applicable design manuals to include guidelines for new high hazard dam construction.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Ongoing	MSD Metro Parks	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H
3.11	Develop EOPs for Class C Dams 18. Continue with existing strategy to include: 1) Develop EOPs for dams without plans; 2) Update existing EOPs, and 3) add NWS notification for alerts via weather radios. EOPs have been completed for all Class C dams. Remaining items are on hold.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	MSD Metro Parks KDOW	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
3.12	Post Signs/Landmark on dams with classification type (A, B, or C): 19. Procure and place signage on non-privately owned dams to assist the public in identifying dam types.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	MSD Metro Parks KDOW	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H

DAM AND LEVEE FAILURE HAZARDS									
Action No.	Type of Activity or Project	New Building and Infrastructure	Proposed Schedule	Lead Agency	Alignment with Plan Goals	Potential Funding Sources	Cost (L-M-H)	Benefit (L-M-H)	Priority (L-M-H)
3.13	Reduce Whippys Mill flooding potential: 20. Place flood level sensors and remote monitoring equipment on the high hazard dam located at Whippys Mill.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1-3 Years	MSD	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H
3.14	Roberson Run Flood Monitoring 21. In an effort to reduce risks associated with flooding, flood level sensors and remote monitoring equipment will be placed on the high hazard dam located at Roberson Run.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1-2 Years	MSD	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input checked="" type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H

METEOROLOGIC HAZARDS									
Action No.	Type of Activity or Project	New Building and Infrastructure	Proposed Schedule	Lead Agency	Alignment with Plan Goals	Funding	Cost (L-M-H)	Benefit (L-M-H)	Priority (L-M-H)
4.1	Find location and build tornado shelters/safe rooms for Minors Lane neighborhood: <ol style="list-style-type: none"> 1. Evaluate the possibility for a tornado shelter/safe room for Minors Lane Neighborhood property. Minors Lane school is being opened for the community during severe storm warnings for two manufactured home parks. 2. Research alternative locations at manufactured home parks, JCPS, and/or UPS property 	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Ongoing	Metro EMA JCPS	<input checked="" type="checkbox"/> Goal 1 <input checked="" type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input checked="" type="checkbox"/> Grants <input type="checkbox"/> Others	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
4.2	Promote safe rooms/tornado shelter for new construction: <ol style="list-style-type: none"> 3. Encourage new construction to include a safe room. Tax incentive for property tax for constructing tornado safety room in house 4. Require all new manufactured home parks to build a safe room. Tornado Shelters for manufactured homes. 5. ARC work with the BIA to build safe rooms. 	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Ongoing	NWS	<input checked="" type="checkbox"/> Goal 1 <input checked="" type="checkbox"/> Goal 2 <input checked="" type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input checked="" type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
4.3	Promote & Distribute Weather Radios: <ol style="list-style-type: none"> 6. Continue to distribute NOAA Weather Radios at events and as needed to LLL partners. NOAA Weather Radio (NWR) is a nationwide network of radio stations broadcasting continuous 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	NWS	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H

METEOROLOGIC HAZARDS									
Action No.	Type of Activity or Project	New Building and Infrastructure	Proposed Schedule	Lead Agency	Alignment with Plan Goals	Funding	Cost (L-M-H)	Benefit (L-M-H)	Priority (L-M-H)
	weather information directly from the nearest National Weather Service office. NWR broadcasts official Weather Service warnings, watches, forecasts and other hazard information 24 hours a day, 7 days a week.				<input checked="" type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8				
4.4	Continue public outreach on related to retrofitting, mitigation, education and wind-driven building techniques: 7. Work to develop standardized message and program for how to increase a structure's wind resistance. 8. Partner with outside agencies such as the KY Weather Preparedness Committee (KWPC), to determine of grant funding is available to purchase FLASH (Federal Alliance for Safe Homes) cards.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	NWS Metro ES KWPS	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input checked="" type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input type="checkbox"/> Normal Operating Budget <input checked="" type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H
4.5	Expand existing snow route mapping outreach: 9. LOJIC maps showing snow routes (live routes) should be more accessible/better advertised e.g., radio and media links, Metro TV. 10. Outreach to public/ advertise, maybe use Mayor's Media office. 11. Show GPS, real-time and expand operation snow and transportation planning.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	Public Works LOJIC	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H

METEOROLOGIC HAZARDS									
Action No.	Type of Activity or Project	New Building and Infrastructure	Proposed Schedule	Lead Agency	Alignment with Plan Goals	Funding	Cost (L-M-H)	Benefit (L-M-H)	Priority (L-M-H)
	12. Stagger release plan to ease traffic before snow storms, esp. downtown.								
4.6	Continue Extreme Heat mitigation public outreach and education: 13. Coordinate with non-traditional agencies for community outreach. Socialize new plans and studies related to extreme heat impacts to the community.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	Metro ES NWS Media LMPD LMFD	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
4.7	Continue Extreme Heat public outreach and education to promote NWS' Pediatric Vehicular Heatstroke campaign: 14. Propose Louisville be a test bed to promote child heat safety in vehicles. 15. Task various advisory committees to promote via partnerships.	<input type="checkbox"/> Yes <input type="checkbox"/> No	Ongoing	NWS	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H
4.8	Continue Extreme Heat public outreach and education related to Animals: 16. Work with Louisville Zoo to formulate an outreach plan for animals in extreme heat events to include sheltering and water consumption.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	Louisville Zoo Metro EMA NWS	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H

METEOROLOGIC HAZARDS									
Action No.	Type of Activity or Project	New Building and Infrastructure	Proposed Schedule	Lead Agency	Alignment with Plan Goals	Funding	Cost (L-M-H)	Benefit (L-M-H)	Priority (L-M-H)
	17. Develop ideas for public service piece on MetroTV and other media outlets.								
4.9	Implement an Extreme Heat Mitigation Program focused on albedo levels: 18. Work towards the Louisville Metro region adopting policies incentivizing or requiring minimum albedo levels at the time of routine roof, street, and parking lot resurfacing and for all new development.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1-3 Years	Develop Louisville	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input checked="" type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H
4.10	Extreme Heat Mitigation through Tree Canopy Programs: 19. Continue to promote Louisville Metro's tree planting and green roofing goals through various media outlets. Focus on enhancing livability through public tree planting programs, and protect existing canopy through the adoption of a comprehensive tree protection ordinance.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	MSD Metro Parks Develop Louisville	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H
4.11	Develop Extreme Heat and Extreme Cold Plans: 20. Various LLL agencies should continue to work with Resilience to publish Extreme Heat and Cold plans. These documents are grant funded throughout the state. Updated older plans. In place for the end of the calendar year. Both plans are mitigation based. "What	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	Resilience NWS EMA	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input checked="" type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H

METEOROLOGIC HAZARDS									
Action No.	Type of Activity or Project	New Building and Infrastructure	Proposed Schedule	Lead Agency	Alignment with Plan Goals	Funding	Cost (L-M-H)	Benefit (L-M-H)	Priority (L-M-H)
	you can do to protect yourself”” should be the key driver.								

GEOLOGIC HAZARDS									
Action No.	Type of Activity or Project	New Building and Infrastructure	Proposed Schedule	Lead Agency	Alignment with Plan Goals	Funding	Cost (L-M-H)	Benefit (L-M-H)	Priority (L-M-H)
5.1	Continue to develop public outreach strategy related to specific geologic hazard areas: <ol style="list-style-type: none"> Continue to develop standard outreach for areas at-risk according to risk assessments. Disseminate information to targeted areas and to partner websites, medias, Metro Council districts, etc. 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	Metro EMA KGS Develop Louisville KDOW	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
5.2	Develop an Earthquake Risk Assessment with best available building data: <ol style="list-style-type: none"> Collect enhanced building data for this major research project, including year built, especially structures older than 1980, Type of foundation, building construction type, number of stories. Work with PVA to acquire building specific data 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1-5 Years	LOJIC KGS PVA	<input type="checkbox"/> Goal 1 <input checked="" type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input checked="" type="checkbox"/> Grants <input type="checkbox"/> Others	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H
5.3	Continue delivering earthquake education and outreach to schools: <ol style="list-style-type: none"> Develop updated education related to earthquake risk for JCPS K- 12 / colleges / universities Develop and emphasize “take home information” for protection in the event of an earthquake Incorporate National Earth Science Education Standard for kindergarten - 12 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	JCPS KGS Metro EMA	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H

GEOLOGIC HAZARDS									
Action No.	Type of Activity or Project	New Building and Infrastructure	Proposed Schedule	Lead Agency	Alignment with Plan Goals	Funding	Cost (L-M-H)	Benefit (L-M-H)	Priority (L-M-H)
	http://www.uky.edu/KGS/education/edustand.htm 8. Utilize JCPS & KY EQ drills as standard and promote Great ShakeOut participation.								
5.4	Expand Karst/sinkhole Risk Assessments to include LLL areas: 9. Request KGS initiate a project to definitively collect data on sinkholes and karst so that a formal inventory can be established. 10. For major developments, request dye tracing by KDOW be completed to detect sinkholes. Partner with KGS.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Ongoing	Develop Louisville KDOW KGS MSD Metro ES	<input checked="" type="checkbox"/> Goal 1 <input checked="" type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input checked="" type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H
5.5	Collection of sinkhole data: 11. Initiate a project to collect sinkhole data using high-resolution aerial imagery and geophysics to assess high-hazard areas for incipient cover collapse sinkholes: 12. Continue to develop strategies to phase this project so that it can be completed over time. 13. Task LOJIC to be the recipient of the resulting digital data, and a central repository for the report. 14. Work with Develop Louisville to map findings against new development plans	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Ongoing	Develop Louisville KGS LOJIC	<input checked="" type="checkbox"/> Goal 1 <input checked="" type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input checked="" type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H

GEOLOGIC HAZARDS									
Action No.	Type of Activity or Project	New Building and Infrastructure	Proposed Schedule	Lead Agency	Alignment with Plan Goals	Funding	Cost (L-M-H)	Benefit (L-M-H)	Priority (L-M-H)
5.7	Continue Karst/Sinkhole public outreach, education and warning: 15. Develop strategy for outreach/warning related to sinkholes and Karst within the LLL area. 16. Establish a SOP related to sinkhole management including what to do once one is identified. This could include posting warning and barriers around sinkholes found on public lands	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	Develop Louisville KGS Metro ES Metro Parks	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input checked="" type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H
5.8	Initiate a Landslide Risk Assessment: project to collect information on potential landslide events: 17. Continue to review regulations aimed at protecting existing, new and future buildings/infrastructure from landslides events. 18. Work with KGS to act as a central local agency or avenue to report and receive info for landslide, including damages and events. 19. Research what has been looked at in the past. LiDAR will assist with this element	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Ongoing	Develop Louisville KGS	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input checked="" type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H
5.9	Incorporate landslide mitigation into building codes 20. Initiate a project to enforce current regulations to protect infrastructure to include limiting clearing of vegetation on high-	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Ongoing	Develop Louisville KGS	<input checked="" type="checkbox"/> Goal 1 <input checked="" type="checkbox"/> Goal 2 <input checked="" type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H

GEOLOGIC HAZARDS									
Action No.	Type of Activity or Project	New Building and Infrastructure	Proposed Schedule	Lead Agency	Alignment with Plan Goals	Funding	Cost (L-M-H)	Benefit (L-M-H)	Priority (L-M-H)
	risk/steep slopes and ensure best management practices are incorporated for in site drainage plans.				<input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8				

OTHER HAZARDS									
Action No.	Type of Activity or Project	New Building and Infrastructure	Proposed Schedule	Lead Agency	Alignment with Plan Goals	Funding	Cost (L-M-H)	Benefit (L-M-H)	Priority (L-M-H)
6.1	Promote public education for HazMat response activities to include sheltering in place: <ol style="list-style-type: none"> Promote benefits sheltering-in-place Promote education of HazMat response activities Utilize print, Metro-TV, and other media to educate communities on robust LLL capabilities related to HazMat response. 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	LMFD Metro EMA LMPD MSD APCD	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H
6.2	Develop HazMat public education/awareness/training for business community: <ol style="list-style-type: none"> Encourage companies with chemicals to consider the effects of natural hazards on their stock of hazardous materials and negative impact on employees and/or public. 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	Metro EMA LMPD LMFD MSD APCD	<input type="checkbox"/> Goal 1 <input checked="" type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input checked="" type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H
6.3	Conduct HazMat outreach to individuals and small businesses: <ol style="list-style-type: none"> Promote spill plans to individuals and small businesses that use, have HazMat, but aren't required by law to have a spill plan. Encourage storing materials in a safe manner above flood potential or anchoring tanks etc. Make available "industry best practices" for handling haz-mat. For small companies, KOSHAs education and training division could be a good resource 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	Metro EMA LMPD LMFD MSD APCD	<input type="checkbox"/> Goal 1 <input checked="" type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input checked="" type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H

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6.4	Update HazMat Risk Assessments: 8. Continue to refine methodologies and systems for collecting and categorizing hazardous materials by location, type, quantity, and potential consequences. 9. Data to be managed by Metro EMA and continually updated for inclusion in hazard mitigation plan risk assessment and emergency planning.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	Metro EMA LMFD LDPD MSD APCD	<input type="checkbox"/> Goal 1 <input checked="" type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input checked="" type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
6.5	Develop innovative methods for collecting drought data: 10. Investigate new methods for collecting drought data to include estimates for losses and dates of occurrence.	<input type="checkbox"/> Yes <input type="checkbox"/> No	Ongoing	NWS	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input checked="" type="checkbox"/> Goal 6 <input checked="" type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H
6.6	Wildfire public outreach and education: 11. Increase public awareness during drought about wildfire potential. 12. Develop materials related to wildfire early warning (red flag) education and outreach. 13. Increase public awareness and enforcement of no burn regulations. 14. Develop standardized reporting system to capture wildfire data outside the National Fire Incident Reporting System that can be	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	Metro Fire APCD	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H

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	shared with the public on online platforms.								
6.7	Continue to develop strategies for wildfire suppression: 15. Target wildfire at-risk areas. 16. Promote best management practices. 17. Delineation of non-wooded areas susceptible to wildfire. 18. Identify updated and specialized equipment that can be used specifically to combat wildfires.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	Metro Fire	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H
6.8	Continue to coordinate wildfire outreach activities: 19. Coordinate among emergency response groups about standard for reporting grass, wild fire, etc. 20. Initiate actions to involve coordinated outreach among fire dept's, MetroSafe, and any other emergency response group as needed to increase awareness of the event tracking/reporting tools/processes currently used.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	Metro Fire	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H

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6.9	Update Multi-model transportation plan: 21. A LLL multi-model transportation plan was delivered in 2016. In subsequent updates, incorporate hazard mitigation planning to include HazMat response capabilities.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5 years	Develop Louisville	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H
6.10	Incorporate hazard mitigation into Neighborhood Development Plans: 22. Various neighborhoods in the LLL area have specific development plans. These plans incorporate flooding but other hazards are not always represented.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1-5 years	Develop Louisville	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input checked="" type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H
6.11	Promote public outreach related to natural hazards in neighborhoods: 23. Establish presentation materials related to natural hazards facing developments in the LLL area. Structure these so they can be delivered in online settings and in-person.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1-3 Years	Develop Louisville	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
6.12	Establish an Emergency Housing Plan: 24. Think about hazards from housing perspective. Residents and impacts to land use if major disaster occurs such as a HazMat releases, or levee breach. The LLL area is challenged by a	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1-3 Years	Develop Louisville	<input checked="" type="checkbox"/> Goal 1 <input checked="" type="checkbox"/> Goal 2 <input checked="" type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6	<input checked="" type="checkbox"/> Normal Operating Budget <input checked="" type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H

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	shortage of housing. A disaster effective housing could create immediate hardships for residents.				<input type="checkbox"/> Goal 7 <input checked="" type="checkbox"/> Goal 8				
6.13	Promote hazard mitigation within Economic Development outreach: 25. Effective hazard mitigation can be packaged as selling point for companies looking to relocate to the LLL area.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1-2 Years	Develop Louisville	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H
6.14	Promote sustainability initiatives at educational institutions: 26. Partner with JCPS, the University of Louisville and the Jefferson County Technical College to promote strategies in the 20222 Hazard Mitigation Plan.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1-2 Years	Develop Louisville	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H
6.15	Refine and update LLL's homeless sheltering strategy: 27. Establish a plan for homeless management in the event of natural disasters. 28. Continue to incorporate homeless and vulnerability populations into Public Health and Wellness hazard mitigation strategies.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1-3 Years	Resilience Public Health and Wellness	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input checked="" type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input checked="" type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H

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6.16	Continue to support the development of the Disease Outbreak Support Plan (DOSP): 29. This plan contains information on potential bio agents that could trigger infection outbreaks. Revise report to identify responsible parties, potential outcomes, and other info that can change annually.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1-2 Years	Public Health and Wellness	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
6.17	Refine Mass vaccination plan: 30. LLL's Mass Vaccination Plan was put in place after Covid. Participate in revisions to mirror POD dispensing plan. 31. Medical Counter-measures plan also being revised FY23.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1-2 Years	Public Health and Wellness	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
6.18	Continue to fund Housing Authority security measures: 32. Fund upgrades to building security systems as needed. Specifically, the secure 550 site, H Temple Spears, and Wiggins Community Center. 33. Offer interconnectivity with MetroSafe to provide access to Housing Authority's camera system.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1-2 Years	Housing Authority	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input checked="" type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input checked="" type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input checked="" type="checkbox"/> Grants <input type="checkbox"/> Others	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
6.19	Improve Housing Authority Fire Control Systems: 34. Move forward in changing out fire alarm systems at various Housing	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1-2 Years	Housing Authority	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4	<input checked="" type="checkbox"/> Normal Operating Budget <input checked="" type="checkbox"/> Grants	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H

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	Authority properties. This can be funded though capital improvement funds.				<input type="checkbox"/> Goal 5 <input checked="" type="checkbox"/> Goal 6 <input checked="" type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input type="checkbox"/> Others			
6.20	Extend external security agreements: 35. Continue to secure support though outside security contractors.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	Housing Authority	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input checked="" type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input checked="" type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input checked="" type="checkbox"/> Grants <input type="checkbox"/> Others	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
6.21	Extend security agreements with Louisville Metro Police Department: 36. Renegotiate a new LMPD Halo Contract with new administration.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1-2 years	Housing Authority	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input checked="" type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input checked="" type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input checked="" type="checkbox"/> Grants <input type="checkbox"/> Others	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
6.22	Secure IT data center from natural hazards: 37. Incorporate findings of hazard mitigation plan into hardening strategies for LLL's data center.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1-2 Years	Housing Authority	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input checked="" type="checkbox"/> Goal 6 <input checked="" type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input checked="" type="checkbox"/> Grants <input type="checkbox"/> Others	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
6.23	Secure IT data center from cyber-attacks:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	Housing Authority	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3	<input checked="" type="checkbox"/> Normal Operating Budget	<input type="checkbox"/> - L <input type="checkbox"/> - M	<input type="checkbox"/> - L <input type="checkbox"/> - M	<input type="checkbox"/> - L <input type="checkbox"/> - M

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	38. Continue to incorporate best practices in the cyber protection world to safeguard LLL's data center and data.				<input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input checked="" type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H
6.24	Transition to cloud-based servers: 39. Transition to cloud-based servers. Data is currently backed up in physical hard drive and stored offsite. Goal is to be totally cloud-based by 2024.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1-2 Years	PVA	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input checked="" type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
6.25	Establish Emergency Reassessment protocols: 40. Establish simple protocols to quickly reassess properties after a disaster. 41. Develop outreach and public information related to Emergency Reassessment activities after natural disaster. 42. Establish formal field teams with capabilities to quickly reassess damaged properties.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1-3 Years	PVA FEMA	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input checked="" type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H
6.26	Continue air quality alert day program and announcements: 43. Conduct continued outreach to inform vulnerable residents when precautions should be taken to avoid exposures.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1-2 years	APCD	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input checked="" type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H

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					<input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8				
6.27	Continue to support HazMat activities: 44. ACPD staff are not trained first responders but pay ½ salary for an EMA response person to support program initiatives. 45. Continue to focus on Chemical/HazMat accident avoidance. 46. Continue to fund this program. Review plans and reports and enforcement of violations.	<input type="checkbox"/> Yes <input type="checkbox"/> No	Ongoing	APCD Metro ES	<input type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input checked="" type="checkbox"/> Goal 3 <input checked="" type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input checked="" type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H
6.28	Continue to manage and fund the Strategic Toxic Air Program: 47. Continue program to reduce air toxics in the air to include VOCs and metals. Continue to manage this program through fees.	<input type="checkbox"/> Yes <input type="checkbox"/> No	Ongoing	APCD	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input checked="" type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H
6.29	Secure additional HazMat response equipment: 48. Secure additional equipment to address HazMat releases (chemical, biological, medical, etc.) to include modern air monitoring equipment, radiation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	Metro Fire County FD	<input checked="" type="checkbox"/> Goal 1 <input checked="" type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input type="checkbox"/> Goal 5 <input checked="" type="checkbox"/> Goal 6	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input checked="" type="checkbox"/> - H

OTHER HAZARDS									
Action No.	Type of Activity or Project	New Building and Infrastructure	Proposed Schedule	Lead Agency	Alignment with Plan Goals	Funding	Cost (L-M-H)	Benefit (L-M-H)	Priority (L-M-H)
	detection equipment, and trucks that would allow for extended breathing air at incident sites.				<input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8				
6.30	Maintain zoning regulations associated with HazMat separation requirements: 49. Continue to review and adjust existing zoning regulations related to HazMat facility separation requirements with specific attention paid to new residential development and places of assembly.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Ongoing	Develop Louisville	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H
6.31	Develop new regulations related to Tree Canopy removal 50. Assess current zoning and planning regulations to determine if more stringent development regulations are needed to maintain LLL's tree canopy.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1-3 Years	Develop Louisville	<input checked="" type="checkbox"/> Goal 1 <input type="checkbox"/> Goal 2 <input type="checkbox"/> Goal 3 <input type="checkbox"/> Goal 4 <input checked="" type="checkbox"/> Goal 5 <input type="checkbox"/> Goal 6 <input type="checkbox"/> Goal 7 <input type="checkbox"/> Goal 8	<input checked="" type="checkbox"/> Normal Operating Budget <input type="checkbox"/> Grants <input type="checkbox"/> Others	<input checked="" type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input checked="" type="checkbox"/> - M <input type="checkbox"/> - H	<input type="checkbox"/> - L <input type="checkbox"/> - M <input type="checkbox"/> - H