



## **Durham County Hazard Mitigation Plan 2014 Progress Report**

### Plan Adopted:

September 4, 2012 (by City)

### Jurisdictions Included in Plan:

- City of Durham (NFIP Community # 370086)
- Durham County (NFIP Community # 370085)

### Plan Progress Report Summary:

For this 2014 Durham City-County Multi-Jurisdictional Hazard Mitigation Plan Progress Report, Mitigation Planning Team reviewed the mitigation actions contained in the current Hazard Mitigation Plan and identified and analyzed the plan mitigation strategies.

The Team met on September 18, 2014. Team members were updated based on retirements of some previous team members. Topics of CRS annual recertification for City and County were discussed, as was the possible plan for future consolidation of HMP with Alamance and Orange Counties.

The status of the plan Hazard Mitigation Plan and Strategies were reviewed and determined to be completed or ongoing. Minor technical corrections were made to the Hazard Mitigation Strategies to more accurately reflect which City-County Departments are responsible for each strategy and clarify the name of our development ordinance. No substantive amendments were made to the plan or the strategies.

Recommendations are to continue implementation of the current HMP and pursue possible consolidation of future HMP with Alamance and Orange Counties before the current HMP expires in 2017. Minutes of the meeting are included at the bottom of this report.

### Hazard Mitigation Strategies:

Please reference the following documents at <http://dconc.gov/index.aspx?page=154> Mitigation strategies are contained on pages 120-124. Mitigation strategies remain unchanged and ongoing/continuous actions as noted below. Minor changes were made to more accurately reflect the appropriate responsible entity and clarify the name of our development ordinance.

**City of Durham Hazard Mitigation Strategies**

<b>Mitigation Strategy</b>	<b>Geographic Planning Area</b>	<b>Hazard this Policy will Target</b>	<b>Funding Source</b>	<b>Responsible Party  Start and Completion Dates</b>	<b>Benchmarks and Indicators of Progress (Monitoring and Evaluation)</b>	<b>Priority for Mitigation (High, Medium, Low)</b>
Continued enforcement of Flood Damage Prevention Ordinance (Unified Development Ordinance)	City of Durham	Flood	Self-Funded	City-County Planning Dept. and City-County Inspections Dept.  Continuous	A decrease or no significant increase in flood damage	High
Continued enforcement of Subdivision Ordinance (Unified Development Ordinance)	City of Durham	Flood, all-hazards for ingress and egress.	Self-Funded	City-County Planning Dept.  Continuous	A decrease or no significant increase in flood damage	High
Continued enforcement of City Zoning Ordinance (Unified Development Ordinance)	City of Durham	Flood	Self-Funded	City-County Planning Dept.  Continuous	A decrease or no significant increase in flood damage	Medium
Continued enforcement of Soil Erosion and Sedimentation Control Ordinance (Unified Development Ordinance)	City of Durham	Flood, subsidence,	Self-Funded	Durham County Engineering, NCDENR-DWR  Continuous	A decrease or no significant increase in soil erosion or turbidity in streams	Medium
Continued enforcement of Safe and Sanitary Housing Ordinance (Unified Development Ordinance)	City of Durham	Primarily weather-related hazards	Self-Funded	Neighborhood Improvement Services, Durham Housing Authority; City-County Insp. Continuous	A decrease or no significant increase in substandard housing	Medium

Continued enforcement of Fire Prevention/Hazardous Materials Permitting and Storage regulations	City of Durham	Hazardous Materials and possibly terrorism	Self-Funded	Durham Fire Dept.  Continuous	A decrease or no significant increase in hazardous materials accidents	High
Continue all aspects of the Floodplain Management Program (Unified Development Ordinance)	City of Durham	Flood	Self-Funded	City-County Inspections  Continuous	A decrease or no significant increase in structures located in the floodplain	High
Continue tree-trimming programs for storm damage prevention	City of Durham	All weather-related hazards	Self-Funded	City General Services Dept.  Continuous	A decrease or no significant increase in tree-related damage and debris	High
Continued enforcement of state building codes and more stringent local building requirements	City of Durham	All hazards	Self-Funded	City-County Inspections  Continuous	A decrease or no significant increase in damage to new structures from natural hazards	High
Look for opportunities to mitigate repetitive loss structures.	City of Durham	Floods	HMGP or PDM with local or state match	Durham County Emergency Mgt, City of Durham Department of Public Works  Continuous	A decrease or no significant increase in repetitive loss structures	Medium

### Durham County Hazard Mitigation Strategies

<b>Mitigation Strategy</b>	<b>Geographic Planning Area</b>	<b>Hazard this Policy will Target</b>	<b>Funding Source</b>	<b>Responsible Party Start and Completion Dates</b>	<b>Benchmarks and Indicators of Progress (Monitoring and Evaluation)</b>	<b>Priority (High, Medium, Low)</b>
Continued enforcement of Flood Damage Prevention Ordinance (Unified Development Ordinance)	Durham County	Flood	Self-Funded	City-County Planning, City-County Inspections  Continuous	A decrease or no significant increase in flood damage	High
Continued participation in the CRS program	Durham County	Flood	Self-Funded	City-County Planning, City-County Inspections  Continuous	A decrease or no significant increase in flood damage	High
Continued enforcement of Subdivision Ordinance (Unified Development Ordinance)	Durham County	Flood, all-hazards for ingress and egress.	Self-Funded	City-County Planning  Continuous	A decrease or no significant increase in flood damage	High
Continued enforcement of County Zoning Ordinance (Unified Development Ordinance)	Durham County	Mainly technological hazards but also natural hazards, indirectly.	Self-Funded	City-County Planning  Continuous	A decrease or no significant increase in zoning-related public safety issues	Medium
Continued enforcement of County Soil Erosion and Sedimentation Control Ordinance (Unified Development Ordinance)	Durham County	Flood, subsidence,	Self-Funded	County Engineering, NCDENR-DWR  Continuous	A decrease or no significant increase in soil erosion or turbidity in streams	Medium

Continued enforcement of Safe and Sanitary Housing Conditions	Durham County	Primarily weather-related hazards	Self-Funded	City-County Inspections Continuous	A decrease or no significant increase in substandard housing	Medium
Continued enforcement of Fire Prevention/Hazardous Materials Permitting and Storage regulations	Durham County	Hazardous Materials and possibly terrorism	Self-Funded	Durham County Fire Marshal Continuous	A decrease or no significant increase in hazardous materials accidents	High
Continue tree-trimming programs for storm damage prevention	Durham County	All weather-related hazards	Self-Funded	State Forest Service, NCDOT Continuous	A decrease or no significant increase in tree-related damage and debris	High
Continued implementation of Stormwater management Plan	Durham County	Flood	Self-Funded	County Engineering Continuous	A decrease or no significant increase stormwater flooding and non-point source water pollution	High
Continued implementation of Comprehensive Plan (Unified Development Ordinance)	Durham County	Mainly flood but also all geographical hazards such as erosion or subsidence.	Self-Funded	City-County Planning Continuous	A decrease or no significant increase stormwater flooding and non-point source water pollution	Medium
Continue all aspects of the Floodplain Management Program (Unified Development Ordinance)	Durham County	Flood	Self-Funded	City-County Planning, City-County Inspections Continuous	A decrease or no significant increase in structures located in the floodplain	High

Continued enforcement of state building codes and more stringent local building requirements	Durham County	All hazards	Self-Funded	City-County Inspections  Continuous	A decrease or no significant increase in damage to new structures from natural hazards	High
Look for opportunities to mitigate repetitive loss structures.	Durham County	Floods	HMGP or PDM with local or state match	Durham County Emergency Mgt, County Engineering  Continuous	A decrease or no significant increase in repetitive loss structures	Medium
Continue all-hazards public information campaigns	Durham County	All-Hazards	Self-Funded but will look for add'l support and partners	County Emergency Management  Continuous	An increase or no significant decrease in local hazard awareness	Medium

## **Hazard Mitigation Planning Committee**

### **Durham County Multi-Jurisdictional Hazard Mitigation Plan**

#### **Annual Progress Report**

Thursday, September 18, 2014

10:30 – 11:30am

#### **Agenda**

1. Welcome and Introductions
2. Review of Events to Date:
  - a. Tracking natural hazards identified in our HMP. No significant deviations noted in any category.
  - b. **IHRM** (Integrated Hazard Risk Management) Tool from NC Emergency Management (Oct 2013) available for HMP updates.
  - c. Durham has joined Alamance and Orange counties to develop a “Regional Hazard Mitigation Plan” (Target completion Spring 2015). This changes our schedule. Our existing HMP is good through October 2017. This renewal changes our 5-year timeframe.
    - i. Letter of Interest submitted June 3, 2014
    - ii. Kick-Off Meeting was August 11, 2014
    - iii. Planning Meeting #2 was September 15, 2014
3. HMP Strategy Review and Updates
4. Concluding Comments and Next Steps
  - a. Regional HMP – Homework already assigned. Review and provide comments.
  - b. Next scheduled Regional meeting is Nov 12 in Orange County. October work meeting may be required. Will provide update.
5. Adjourn

## **Hazard Mitigation Planning Committee**

### **Durham County Multi-Jurisdictional Hazard Mitigation Plan**

#### **Annual Progress Report**

**Thursday, September 18, 2014 Minutes**

#### **1. Welcome and Introductions**

##### **Roster Updates:**

- i. Chris Roberts replacing Glen Whisler (County Engineering)
- ii. Mark Rodrigues replacing Tim Bothe (American Red Cross)
- iii. Lenora Melton attending for Marcus Bryant (GIS)
- iv. Graham Summerson replacing Christina Sokol (City Storm Water Services, Public Works)
- v. Stephan Windsor, CRS Coordinator, new addition

#### **2. Review of Events to Date:**

- a. Tracking natural hazards identified in our HMP. No significant deviations noted in any category.
- b. **IHRM** (Integrated Hazard Risk Management) Tool from NC Emergency Management (Oct 2013) available for HMP updates.
- c. Durham has joined Alamance and Orange counties to develop a “Regional Hazard Mitigation Plan” (Target completion Spring 2015). This changes our schedule. Our existing HMP is good through October 2017. This renewal changes our 5-year timeframe.
  - i. Letter of Interest submitted June 3, 2014
  - ii. Kick-Off Meeting was August 11, 2014
  - iii. Planning Meeting #2 was September 15, 2014

#### **3. HMP Strategy Review and Updates**

Committee reviewed the HMP strategies for the City and County as listed on Pages 120-124. Updates/technical corrections made to several items regarding areas of responsibility.

#### **4. Concluding Comments and Next Steps**

- a. Regional HMP – Homework already assigned. Review and provide comments.
- b. Next scheduled Regional meeting is Nov 12 in Orange County. October work meeting may be required. Will provide update.

#### **5. Adjourned – Next Meeting TBD based upon Regional meeting schedule.**



**Attendance Roster:** September 18, 2014 (Attached document has signatures)

Mark Schell	Ci/Co Emergency Mgt	<a href="mailto:mschell@dconc.gov">mschell@dconc.gov</a>	919-560-0663
Gene Bradham	Ci/Co Inspections	<a href="mailto:gene.bradham@durhamnc.gov">gene.bradham@durhamnc.gov</a>	919-560-4145
Chris Roberts	Co Engineering	<a href="mailto:croberts@dconc.gov">croberts@dconc.gov</a>	919-560-0739
Mark Rodrigues	American Red Cross	<a href="mailto:mark.rodrigues@redcross.org">mark.rodrigues@redcross.org</a>	919-240-7059
Lenora Melton	Ci/Co GIS	<a href="mailto:Lenora.melton@durhamnc.gov">Lenora.melton@durhamnc.gov</a>	919-560-4122 x-33233
Stephen Windsor	CRS Coordinator/ Durham Public Works	<a href="mailto:Stephen.windsor@durhamnc.gov">Stephen.windsor@durhamnc.gov</a>	919-560-4326 x-30268
Steve Medlin	Ci/Co Planning	<a href="mailto:Steve.medlin@durhamnc.gov">Steve.medlin@durhamnc.gov</a>	919-560-4137 x-28223
Graham Summerson	Durham Public Works	<a href="mailto:Graham.summerson@durhamnc.gov">Graham.summerson@durhamnc.gov</a>	919-560-4326 x-30287