CITY OF BIRMINGHAM
DEPARTMENT OF PLANNING, ENGINEERING & PERMITS

PLANNING ENGINEERING
& PERMITS

SEP 2 1 2012

RECEIVED

MEMORANDUM

DATE: September 20, 2012

TO: Andre Bittas

FROM: Edwin Revell

RE: 2011-2012 CRS Program Status Report on Jefferson County Interim Multi-Hazard Mitigation Plan

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Andre, please find attached this year's annual report, cover memorandum to the Mayor and City Council, and press release to the general public regarding the status of the *Jefferson County Interim Multi-Hazard Mitigation Plan*.

To satisfy the City's Community Rating System annual recertification and floodplain management plan reporting requirements, an annual progress report must be submitted to the Mayor and City Council, be released to the media, and be made available to the general public. As such, the 2011-2012 CRS Program Status Report on *Jefferson County Interim Multi-Hazard Mitigation Plan* is provided as an attachment to this memorandum.

Thank you in advance for your assistance in ensuring that this information is disseminated to all required parties. If you have any questions, please let me know.

Copy: Denise Pruitt
Tracey Hayes

Attachment

CITY OF BIRMINGHAM
DEPARTMENT OF PLANNING, ENGINEERING & PERMITS

MEMORANDUM

DATE: September 23, 2012

TO: Mayor & Birmingham City Council

FROM: Andre Bittas

RE: 2011-2012 Community Rating System (CRS) Program Status Report on Jefferson County Interim Multi-Hazard Mitigation Plan

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On February 9, 2010, the Birmingham City Council and Mayor adopted and approved Resolution 135-10. Specifically, this Resolution provided for the formal adoption of the *2009 Jefferson County Interim Multi-Hazard Mitigation Plan*, dated October 2, 2009.

To satisfy the City's Community Rating System annual recertification and floodplain management plan reporting requirements, an annual progress report must be submitted to the Mayor and City Council, be released to the media, and be made available to the general public. As such, the 2011-2012 CRS Program Status Report on *Jefferson County Interim Multi-Hazard Mitigation Plan* is provided as an attachment to this memorandum. The media as well as the public has been notified on how to obtain a copy.

Copy: Edwin Revell

Attachment

PRESS RELEASE

September 23, 2012

For Immediate Release:

Please be informed that this year's Community Rating System Program status report for the *Jefferson County Interim Multi-Hazard Mitigation Plan* has been completed and is available for public review. Those interested in obtaining more information or a copy of this report should contact the Mayor's Office of Public Information at 205-254-2823 or Edwin Revell with the Department of Planning, Engineering and Permits at 205-254-2479.

2011 - 2012 CRS PROGRESS REPORT TABLE ON FLOOD MITIGATION PLANNING EFFORTS

Mitigation Measure	Goal	Program Objective	Lead Responsibility	Hazard(s)	Current Status
1.1.1-1.1.4	Prevention	Comprehensive Planning Related Activities	Jefferson County Land Development (JCLD)	All	Completed. Just completed the development of the Birmingham Comprehensive Plan which is expected to be formally adopted by November 2012.
1.2.1	Prevention	Geographic Information System (GIS)--Risk assessment data	Jefferson County Information Technology	All	Ongoing. The most recent floodplain hazard information including the current effective DFIRMs for City of Birmingham have been maintained in a GIS format for this reporting period.
1.2.2	Prevention	Geographic Information System (GIS)--Integrate FEMA HAZUS-MH	Jefferson County Information Technology (JCIT)	All	Ongoing. Efforts are underway to obtain the most recent version of the FEMA HAZUS-MH software as well as to identify any data systems compatibility issues or concerns.
1.2.3	Prevention	Geographic Information System (GIS)--Document flood event extents	Jefferson County Information Technology	Flooding	Completed. The flood extents for each Presidentially declared flood event that affected the City of Birmingham have been delineated and mapped in the Birmingham GIS.
1.2.4	Prevention	Geographic Information System (GIS)--GIS Data Sharing	Jefferson County Information Technology	All	Ongoing. Currently we have shared flood hazard data on as needed basis. This approach will be re-evaluated and reported on during the next reporting period.

2011 - 2012 CRS PROGRESS REPORT TABLE ON FLOOD MITIGATION PLANNING EFFORTS

Mitigation Measure	Goal	Program Objective	Lead Responsibility	Hazard(s)	Current Status
1.3.1	Prevention	Detailed Studies—Update DFIRMs	JCLD/JCIT	Flooding	Completed. DFIRMs have been developed and/or updated for all detailed studied streams in the City of Birmingham.
1.3.2	Prevention	Detailed Studies—Complete Village Creek Feasibility Study	Birmingham Planning Engineering & Permits	Flooding	Completed. A reduced project scope version of this study effort has been completed. Efforts are currently underway to secure funding project implementation.
1.3.4	Prevention	Detailed Studies—For Various Sub-basins	Jefferson County Land Development	Flooding	Completed. Detailed study efforts for portions of Five Mile Creek, Shades Creek and Watkins Brook have been completed during this reporting period.
1.4.1	Prevention	Zoning--Large lot size land use restrictions	JCLD/Regional Planning Comm/Local Floodplain Manager	Flooding	Ongoing. This measure is currently being considered as a part of the City of Birmingham's ongoing floodplain regulations review process.
1.4.2	Prevention	Zoning--Additional land use restrictions within designated flood zones	JCLD/Regional Planning Comm/Local Floodplain Manager	Flooding	Ongoing. This measure is currently being considered as a part of the City of Birmingham's ongoing floodplain regulations review process.
1.6.1	Prevention	Flood Plain Management Regulations—local floodplain manager training	Local Floodplain Manager (LFM)	Flooding	Ongoing. All City of Birmingham floodplain management staff attended numerous training sessions throughout this reporting period.

2011 - 2012 CRS PROGRESS REPORT TABLE ON FLOOD MITIGATION PLANNING EFFORTS

Mitigation Measure	Goal	Program Objective	Lead Responsibility	Hazard(s)	Current Status
1.6.2	Prevention	Flood Plain Management Regulations--Maintain Library Technical Assistance Materials	Local Floodplain Manager	Flooding	Ongoing. All flood protection information provided for this reporting period is maintained at the Birmingham Public Library in the Government Documents Section.
1.6.3	Prevention	Flood Plain Management Regulations---Become members of state floodplain managers organization	Local Floodplain Manager	Flooding	Completed. All floodplain management staff for the City of Birmingham are current members of the Alabama Association of Floodplain Managers (AAFM). One of them serves as a Board of Directors for AAFM.
1.6.4	Prevention	Flood Plain Management Regulations--Adoption of uniform flood hazard prevention ordinance	Jefferson County Land Development/Local Floodplain Manager	Flooding	Completed. City of Birmingham has an adopted higher standards flood protection ordinance that was implemented and enforced uniformily throughout the entire reporting period.
1.7.1	Prevention	Building and Technical Codes--promote good construction practices and code enforcement	Building Official	All	Completed. All City of Birmingham staff responsible for reviewing, approving, inspecting and enforcing the City's floodplain development regulations received periodic training throughout the reporting year to ensure that this measure is met.
1.7.2	Prevention	Building and Technical Codes--Adopt International Code Series	Building Official	All	Completed. The City of Birmingham building requirements are based on the 2009 International Codes

2011 - 2012 CRS PROGRESS REPORT TABLE ON FLOOD MITIGATION PLANNING EFFORTS

Mitigation Measure	Goal	Program Objective	Lead Responsibility	Hazard(s)	Current Status
1.10.1	Prevention	Storm Water Management--Maintain pre-development runoff conditions	Jefferson County Land Development	Flooding	Completed. The City of Birmingham's revised Subdivision Regulations addresses this mitigation measure.
1.10.2	Prevention	Storm Water Management--Consider expanding the role of the Storm Water Management Authority (SWMA)	Birmingham Planning Engineering & Permits	Flooding	Completed. The City of Birmingham is no longer a member of SWMA and has been addressing this measure by integrating the efforts of its floodplain and stormwater management programs.
1.12.2	Prevention	Community Rating System Program (CRS)--- Improve CRS Rating	Local Floodplain Manager	Flooding	Completed. Effective May 1, 2012 the City of Birmingham improved its CRS Class Rating by two classes. The City is now a CRS Class 6 Community and is the highest related CRS Community in the State of Alabama.
1.12.3	Prevention	Community Rating System Program (CRS)-- Encourage joint CRS outreach efforts amongst CRS Communities	Local Floodplain Manager	Flooding	Completed. Several coordinated public outreach and awareness activities were completed in conjunction with several CRS communities in Jefferson County during this reporting period.
1.13.1	Prevention	Public ROW Maintenance Regulations	Local Floodplain Manager	Flooding	Ongoing. This measure is currently being considered as a part of the City of Birmingham's ongoing floodplain regulations review process.

2011 - 2012 CRS PROGRESS REPORT TABLE ON FLOOD MITIGATION PLANNING EFFORTS

Mitigation Measure	Goal	Program Objective	Lead Responsibility	Hazard(s)	Current Status
1.15.2 - 1.15.3	Prevention	Evaluate Flood Warning System Enhancements	Jefferson County Emergency Management Agency	Flooding	Ongoing. Funding strategies and options for implementing the deliverables that are derived from this effort are currently being evaluated.
2.1.1	Property Protection	Building Relocation	Jefferson County Land Development	Flooding	Ongoing. To date the City of Birmingham through it established Flood Property Acquisition Program has removed in excess of 1,000 vulernable structures from the Special Flood Hazard Area. For this reporting period, an additional five flood property acquisition projects were scoped and have been programmed for future acquisition consideration.
2.2.1	Property Protection	Acquisition	Jefferson County Land Development	Flooding	Ongoing. To date the City of Birmingham through it established Flood Property Acquisition Program has removed in excess of 1,000 vulernable structures from the Special Flood Hazard Area. For this reporting period, an additional five flood property acquisition projects were scoped and have been programmed for future acquisition consideration.

Mitigation Measure	Goal	Program Objective	Lead Responsibility	Hazard(s)	Current Status
2.3.1	Property Protection	Building Elevation	Jefferson County Land Development/Local Floodplain Manager	Flooding	Ongoing. During this reporting period, the City of Birmingham completed a Comprehensive Structure Flood Hazard Assessment Project to identify the best flood mitigation solution for estimated 3,000 flood prone properties. Now efforts are underway to determine those properties for which building elevation would be the best feasible mitigation measure.
2.4.1	Property Protection	Flood Proofing	Jefferson County Land Development/Local Floodplain Manager	Flooding	Ongoing. During this reporting period, the City of Birmingham completed a Comprehensive Structure Flood Hazard Assessment Project to identify the best flood mitigation solution for estimated 3,000 flood prone properties. Now efforts are underway to determine those properties for which an alternative such as floodproofing would be the best feasible mitigation measure.

2011 - 2012 CRS PROGRESS REPORT TABLE ON FLOOD MITIGATION PLANNING EFFORTS

Mitigation Measure	Goal	Program Objective	Lead Responsibility	Hazard(s)	Current Status
2.6.1	Property Protection	Insurance---Natural Hazards including floods	Jefferson County Emergency Management Agency	All	Ongoing. The City of Birmingham encourages floodplain residents through its targeted and general public education efforts and engagement opporunties to purchase flood insurance which is discounted at 20% for all mandatory flood insurance purchase properties in the City.
2.7.2 & 2.8.1	Property Protection	Protection of Critical Facilities--Retrofits	Jefferson County Emergency Management Agency	All	Ongoing. Over the past few years the City of Birmingham has either retrofitted or removed existing Pre-FIRM critical facilities from the Special Flood Hazard Area.
3.1.1	Pub. Ed. & Outreach	Map Information	Local Floodplain Manager	Flooding	Ongoing. The City of Birmingham has continued to perform this activity annually of a part its participation in the Community Rating System Program under Activity 320.
3.2.1 - 3.2.3 & 3.2.7	Pub. Ed. & Outreach	Outreach Projects---General Public, Residents, Developers, Business Owners, Property Owners, etc.	Jefferson County Emergency Management Agency	All	Ongoing. The City of Birmingham has continued to perform this activity annually as a part of its participation in the Community Rating System Program under Activity 330.
3.3.1	Pub. Ed. & Outreach	Real Estate Disclosure---floodplain location disclosure as a MLS requirement	Jefferson County Commission/Local City Council	Flooding	Ongoing. No additional efforts were undertaken during this reporting period to address this measure.

Mitigation Measure	Goal	Program Objective	Lead Responsibility	Hazard(s)	Current Status
3.3.2	Pub. Ed. & Outreach	Real Estate Disclosure—make floodplain location disclosure a legal requirement for all property listed for sale	Jefferson County Commission/Local City Council	Flooding	Ongoing. No additional efforts were undertaken during this reporting period to address this measure.
3.4.1	Pub. Ed. & Outreach	Library—place free materials from FEMA, NWS, USGS and federal/state agencies at library	Jefferson County Emergency Management Agency	All	Completed.
3.4.2	Pub. Ed. & Outreach	Library—maintain FEMA hazard information at local public and school libraries.	Jefferson County Emergency Management Agency	All	Ongoing. Currently flood hazard related information is provided at the Birmingham Public Library but not at the local school libraries.
3.5.1 - 3.5.2	Pub. Ed. & Outreach	Environmental Education	Jefferson County Emergency Management Agency	All	Ongoing. The City of Birmingham has continued to perform this activity annually as a part of its participation in the Community Rating System Program under Activity 330.
3.7.1	Pub. Ed. & Outreach	Distribute 2009 Multi-Hazard Plan	Jefferson County Emergency Management Agency	All	Completed.
3.8.1	Pub. Ed. & Outreach	Technical Assistance—flood protection	Jefferson County Emergency Management Agency	Flooding	Ongoing. The City of Birmingham has continued to perform this activity annually as a part of its participation in the Community Rating System Program under Activity 360.
3.9.1	Pub. Ed. & Outreach	Maintain Ongoing Media Relations for dissemination of hazard warnings and information	Jefferson County Emergency Management Agency	All	Ongoing.

2011 - 2012 CRS PROGRESS REPORT TABLE ON FLOOD MITIGATION PLANNING EFFORTS

Mitigation Measure	Goal	Program Objective	Lead Responsibility	Hazard(s)	Current Status
3.10.1 - 3.10.4	Pub. Ed. & Outreach	Disaster Warning---Warning system enhancements, warning information dissemination, weather radio usage	Jefferson County Emergency Management Agency	All	Ongoing.
4.1.1 - 4.1.3	Natural Resource Protection	Open Space Easements and Acquistions---in concert with Freshwater Land Trust	Fresh Water Land Trust	Flooding	Ongoing. This measure is currently being addressed through the City of Birmingham's established Flood Property Acquisition Program
4.2.1 - 4.2.4	Natural Resource Protection	River/Stream Corridor Restoration and Protection---enforce no dumping regulations, erosion control regulations, stream corridor protection efforts and linear park planning efforts	Building Official/Local Floodplain Manager/Birmingham Planning Engineering & Permits	Flooding	Ongoing. This measure is addressed through the implemenation of established ordinances and agreements
4.3.1	Natural Resource Protection	Urban Forestry Programs---Seek Technical Assistance Alabama Cooperative Extension for channel and drainage system maintenance	Local Floodplain Manager	Flooding	Ongoing. The City of Birmingham has established protocols and practices for addressing this measure. However, technical assistance will be sought from the Alabama Cooperative Extension on an as needed basis.
4.4.1	Natural Resource Protection	Keep builders and developers informed of Federal wetlands permitting requirements	Local Floodplain Manager/Building Official	Flooding	Ongoing. The City of Birmingham continues to address this measure through it development regulations process.

Mitigation Measure	Goal	Program Objective	Lead Responsibility	Hazard(s)	Current Status
5.1.2	Structural Projects	Reservoirs, Channel/Drainage Modifications--Evaluate feasibility of Publicly owned structural controls	Jefferson County Land Development/Birmingham Planning Engineering & Permits	Flooding	Ongoing. No additional efforts were undertaken during this reporting period to address this measure.
5.2.1	Structural Projects	Drainage System Maintenance	Local Floodplain Manager	Flooding	Ongoing. The City of Birmingham has continued to perform this activity annually of a part its participation in the Community Rating System Program under Activity 540.