

CITY OF TUSCALOOSA



FLOODPLAIN MANAGEMENT PLAN

KICK-OFF MEETING
May 14, 2015



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FLOODPLAIN MANAGEMENT PLAN

FLOODPLAIN MANAGEMENT PLANNING COMMITTEE

Representative of the following categories

- Preventive Maintenance (e.g., codes)
- Property Protection (e.g., building elevation)
- Natural Resource Protection
- Emergency Services
- Structural Projects
- Public Information



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Floodplain Management Planning Committee

City Representatives

- OCE – Storm Drainage Engineer
- OCE – Engineering Environmental Compliance Coordinator
- PDS – Deputy Director, Land Use Controls
- Mayor – Public Relations Coordinator
- OFP – Director, Federal Programs
- TFRS – Deputy Fire Chief
- City Council – Council Member

Public Stakeholders

- Member of Civic Group
- Local Business Owner
- Member of Environmental Organization
- Member of Tuscaloosa Chapter of Women's Council of Realtors
- Member of Home Builders Association of Tuscaloosa
- Professional Engineer with Local Engineering Firm
- Professor from University of Alabama



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ROLE OF COMMITTEE MEMBERS

Committee members will be actively involved in

- Assessing Hazards within the Community;
- Assessing the Problems within the Community;
- Setting Goals;
- Reviewing Possible Activities;
- Assisting in Drafting the Action Plan; and
- Implementing, Evaluating, and Revising the Plan.



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CONSULTING TEAM

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SCOPE OF THE FMP

Scope

- Identify existing and future flood-related hazards and their causes;
- Ensure that a comprehensive review of all possible activities and mitigation measures is conducted;
- Ensure that the recommended activities meet the goals and objectives of the community;
- Ensure that the recommended activities are coordinated so that the costs of implementing individual activities are reduced;



SCOPE OF THE FMP

Scope

- Educate residents and property owners about the hazards, loss reduction measures, and the natural and beneficial functions of floodplains;
- Build public and political support for activities and projects that prevent new problems, reduce losses, and protect the natural and beneficial functions of floodplains;
- Build a constituency that wants to see the plan's recommendations implemented.

ORGANIZATION OF 2015 FMP

2015 Floodplain Management Plan Structure

- **Chapter 1** – Introduction
- **Chapter 2** – Community Profile
- **Chapter 3** – The Planning Process
- **Chapter 4** – Risk Assessment
- **Chapter 5** – Mitigation Strategy
- **Chapter 6** – Plan Maintenance Procedures

ORGANIZATION OF 2015 FMP APPENDICES

2015 Floodplain Management Plan Structure

- **Appendices and Supporting Documentation:**
- A - Resolution Establishing Planning Process
- B - Hazard Profile Data
- C - Community Mitigation Capabilities
- D - Committee Meeting Documentation
- E - Community Involvement Documentation
- F – Adopting Resolution

10-STEP PLANNING PROCESS

FMP Chapters	CRS Planning Step
Chapter 1 – Introduction	
Chapter 2 – Community Profile	
Chapter 3 – The Planning Process	Step 1: Organize to prepare the plan Step 2: Involve the public Step 3: Coordinate
Chapter 4 – Risk Assessment	Step 4: Assess the hazard Step 5: Assess the problem
Chapter 5 – Mitigation Strategy	Step 6: Set goals Step 7: Review possible activities Step 8: Draft an action plan
Chapter 6 – Plan Maintenance	Step 9: Adopt the plan Step 10: Implement, evaluate, revise

REVIEW DRAFT UPDATES

New drafts

- **Chapter 1** – Introduction
- **Chapter 6** – Plan Maintenance Procedures
- **App. A** – Resolution Establishing the Planning Process
- **App. F** – Adopting Resolution

CHAPTER 1 - INTRODUCTION

Sections

- 1.1 Background
- 1.2 Purpose of Plan
- 1.3 CRS Program

CHAPTER 1, SECTION 1.1

1.1 Background

- Population and growth
 - 2013 Census estimate 95,334
 - Local flood hazard areas – Black Warrior River, Cribbs Mill Creek, Moody Swamp Tributary, Rum Creek, Cypress Creek
- NFIP participation since 1973
- CRS participant – applying

CHAPTER 1, SECTION 1.2

1.2 Purpose of Plan

- Identify flood hazards and causes
- Review of all mitigation measures
- Coordination and consistency
- Community land programs address hazards faced by development
- Educate public
- Build public and political support
- Build a constituency for implementation

CHAPTER 1, SECTION 1.3

1.3 CRS Program

- 5% reduction in insurance premiums for each class
- 19 activities in four categories:
 - Public Information
 - Mapping and Regulations
 - Flood Damage Reduction
 - Warning and Response

CRS CREDIT FOR PLANNING

1. Organize	15
2. Involve the public	120
3. Coordinate	35
4. Assess the hazard	35
5. Assess the problem	52
6. Set goals	2
7. Review possible activities	35
8. Draft an action plan	60
9. Adopt the plan	2
10. Implement, evaluate, revise	26
	382

CHAPTER 6 – PLAN MAINTENANCE PROCEDURES

Subsections

- 6.1 Scope & Purpose of Procedures
- 6.2 Plan Implementation Responsibilities
- 6.3 Plan Monitoring & Ongoing Review
- 6.4 Annual Evaluation Reports
- 6.5 Plan Amendments
- 6.6 Plan Evaluation Following a Flood Disaster
- 6.7 Five-Year Plan Update

CHAPTER 6 – PLAN MAINTENANCE

Scope & Purpose of Procedures

- Establishes an ongoing planning process that is continuously monitored, evaluated, and updated to reflect changing conditions.
- Describes how the adopted Plan will be implemented, reviewed, and updated, and provides procedures that, at minimum, provide for an annual review and a five-year update.

CHAPTER 6 – PLAN MAINTENANCE

Responsibilities and Procedures

- The City's Storm Drainage Engineer, who also serves as the designated Floodplain Administrator, oversees implementation and maintenance, which is a combined effort of the FMPC and responsible agencies.
- The FMPC should continually monitor implementation status with quarterly meetings.
- The FMPC must develop an Annual Evaluation Report of implementation progress and effectiveness of measures.
- The annual review, new funding opportunities, or a flooding disaster can warrant a plan amendment by the FMPC.
- Immediately following a significant flooding disaster, the FMPC will analyze the event and evaluate the responsiveness of the Plan.
- The Plan must be updated at least every five years.

APPENDICES

Resolutions

- App. A – Resolution Establishing the Planning Process
- App. F – Adopting Resolution

FMPC EXERCISE FLOOD HAZARD IDENTIFICATION

On the Maps

- Identify flooding issues, stream and local drainage
- Identify areas of future development where floodplain management is a concern

FMPC MEETING DATES AND TOPICS

Schedule of Meetings

- #1 May 14, 2015 – Kickoff Meeting: Introduction; Plan Maintenance Procedures
- #2 TBD– Community Profile; Risk Assessment: Flood Hazard Profile
- #3 TBD– Risk Assessment: Vulnerability Assessment and Impacts
- #4 TBD– Mitigation Strategy: Goals, Objectives, Mitigation Alternatives
- #5 TBD– Mitigation Strategy: Action Plan; The Planning Process

COMMUNITY MEETINGS

Schedule of Meetings

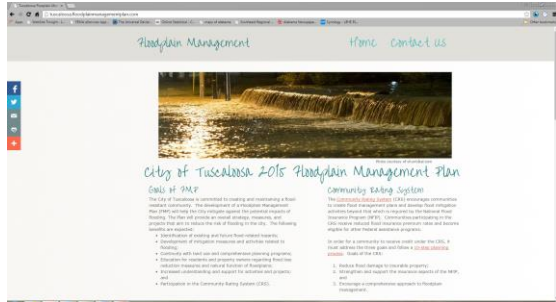
- Community meeting #1 during drafting phase, between FMPC meetings #3 and #4
- Community meeting #2 prior to adoption, after FMPC meeting #5

WEBSITE AND EMAIL

FMP Information

- tuscaloosa.floodplainmanagementplan.com
- Goals of the FMP
- Community Rating System information
- Information about the Floodplain Management Planning Committee
- Community meeting information
- Current Floodplain Management Plan documents
- A "Contact Us" page to ask questions or provide comments via email

tuscaloosa.floodplainmanagementplan.com



Questions??

