

# CITY OF ALABASTER



## FLOODPLAIN MANAGEMENT PLAN

KICK-OFF MEETING

August 1, 2017



# FLOODPLAIN MANAGEMENT PLANNING COMMITTEE

Representatives of the following  
categories

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

# Floodplain Management Planning Committee

## City Representatives

- Brett Tucker, City Engineer – Chair
- Mark Harris, Director of Public Works – Structural Flood Control
- Ben Williams, Park Superintendent – Natural Resources Protection
- Sherri Proctor, P&Z Coordinator – Preventive Measures
- Patrick Johnson, IT Director – Public Information
- Mike Jones, Police Department – Emergency Services
- Chip Brantley, Fire Department – Property Protection

# 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.

# CONSULTING TEAM

## Walter Schoel Engineering Company, Inc.

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## Lehe Planning, LLC Urban and Environmental Planning

**Jim Lehe, AICP**  
Manager  
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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 2017 FMP

## 2017 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 2017 FMP APPENDICES

## 2017 Floodplain Management Plan Structure

- **Appendices:**
- A - Resolution Establishing Planning Process
- B - Hazard Profile Data
- C – Risk Assessment Data
- D – Mitigation Capabilities Assessment
- E – Committee Meeting Documentation
- F - Community Involvement Documentation
- G – Alternative Mitigation Measures Exercise
- H – Adopting Resolution

# 10-STEP PLANNING PROCESS

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

# REVIEW DRAFT UPDATES

## New drafts

- **Chapter 1** – Introduction
- **Chapter 6** – Plan Maintenance Procedures
- **App. A** – Resolution Establishing the Planning Process
- **App. H** – 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
  - 2016 Census estimate 32,948
  - Local flood hazard areas – Buck Creek and Peavine Creek
- NFIP participation since 1981
- CRS participant – not currently

# 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 Engineer, who also serves as the designated Floodplain Administrator, oversees implementation and maintenance.
- 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 should be updated at least every five years.

# APPENDICES

## Resolutions

- App. A – Resolution Establishing the Planning Process
- App. H – 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 August 1, 2017 – 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 beginning of drafting phase, after FMPC meetings #1
- Community meeting #2 prior to adoption, after FMPC meeting #5

# WEBSITE AND EMAIL

## FMP Information

- <http://alabaster.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



# alabaster.floodplainmanagementplan.com

Floodplain Management

Home

Contact Us



## City of Alabaster 2017 Floodplain Management Plan

### Goals of FMP

The City of Alabaster is committed to creating and maintaining a flood-resistant community. The development of a Floodplain Management Plan (FMP) will help the City mitigate against the potential impacts of flooding. The Plan will provide an overall strategy, measures, and projects that aim to reduce the risk of flooding in the city. The following benefits are expected:

- Identification of existing and future flood-related hazards;
- Development of mitigation measures and activities related to flooding;
- Continuity with land use and comprehensive planning programs;
- Education for residents and property owners regarding flood loss reduction measures and natural function of floodplains;
- Increased understanding and support for activities and projects; and
- Potential participation in the Community Rating System (CRS).

### Floodplain Management Planning Committee

The Floodplain Management Planning Committee (Planning Committee), in conjunction with the project partners, ensure that the FMP's goals and objectives are consistent with citywide programs and activities. The Planning Committee is comprised of experts from various departments addressing the following objectives:

- Prescriptive measures;
- Property protection;
- Natural resource protection;
- Emergency services;
- Structural flood control projects; and
- Public information.

**FMP Meeting Schedule.** The FMP will meet five times throughout the development of the 2017 Plan as announced here, along with the agenda, slide presentation and committee exercises for each meeting:

Kickoff Meeting: Date and time to be announced

City Hall  
1953 Municipal Way  
Alabaster, AL 35007

Meeting #1: To be announced

Meeting #2: To be announced

Meeting #3: To be announced

Meeting #4: To be announced

Meeting #5: To be announced

### Community Rating System

The [Community Rating System \(CRS\)](#) encourages communities to create flood management plans and develop flood mitigation activities beyond that which is required by the National Flood Insurance Program (NFIP). Communities participating in the CRS receive reduced flood insurance premium rates and become eligible for other Federal assistance programs.

In order for a community to receive credit under the CRS, it must address the three goals and follow a [floodplanning process](#). Goals of the CRS:

1. Reduce flood damage to insurable property;
2. Strengthen and support the insurance aspects of the NFIP; and
3. Encourage a comprehensive approach to floodplain management.

### Community Meetings

Public awareness and understanding of the FMP's purpose is critical to the success of the overall plan. During the planning process, project partners will conduct two community meetings open to the general public: one at the beginning of the planning process and one upon completion of the draft plan, prior to adoption. Meeting dates and locations will be posted here.

### The 2017 Alabaster Floodplain Management Plan

The plan elements listed below, with a hyperlink, are presented here for public review and comment, as they are completed. Please review the plan as it is drafted and [send us your comments and suggestions](#).

Complete Final Draft Plan Document with Appendix (large file)

Cover, Title Page, and Contents

- Chapter 1: Introduction
- Chapter 2: Community Profile
- Chapter 3: The Planning Process
- Chapter 4A: Risk Assessment - Assess the Hazard
- Chapter 4B: Risk Assessment - Assess the Problem
- Chapter 5: Mitigation Strategy
- Chapter 6: Plan Maintenance

# Questions?