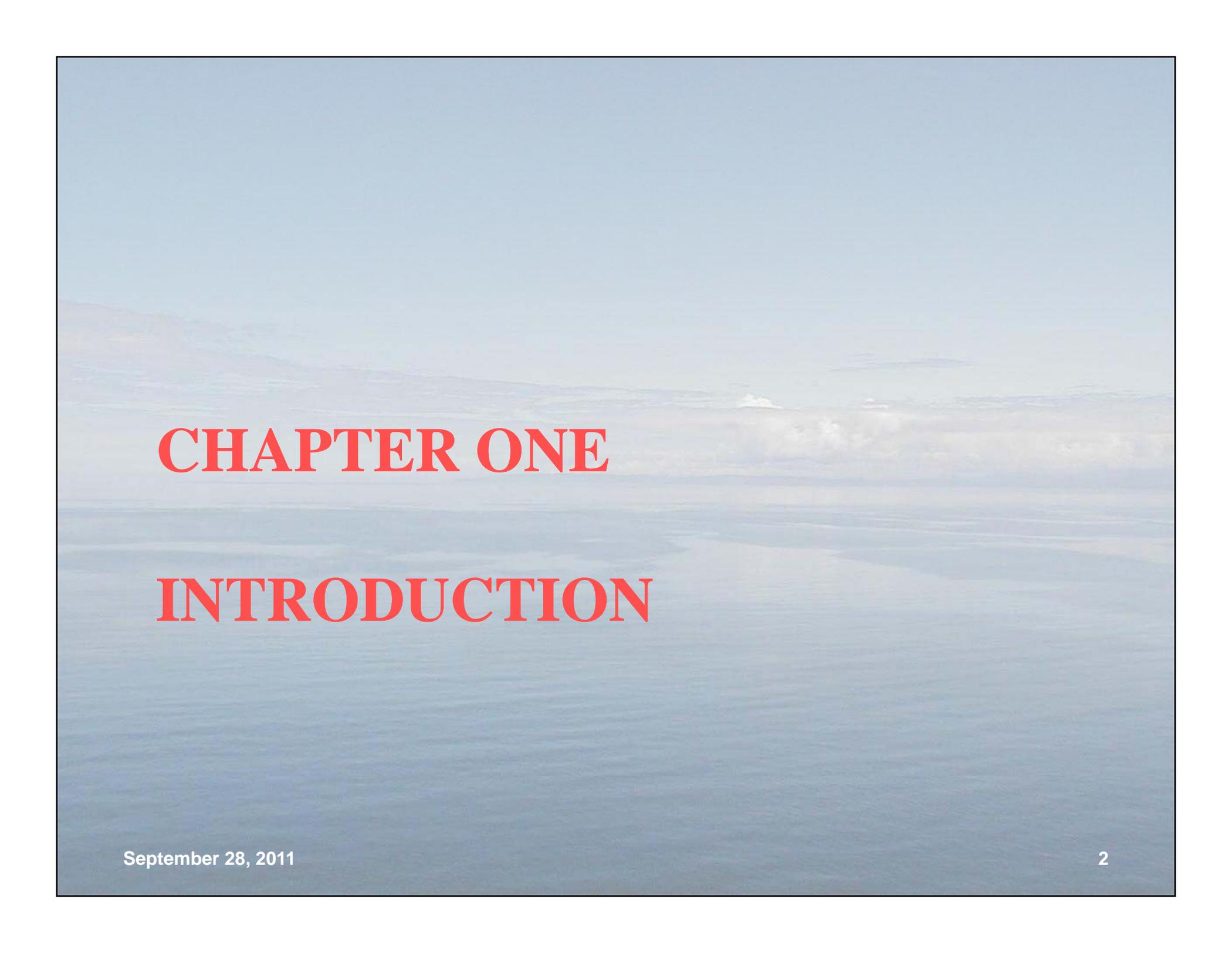


# TEXAS NONPOINT SOURCE MANAGEMENT PROGRAM 2012 UPDATE

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**Stakeholder Meeting**  
**September 28, 2011**  
**Austin, TX**





# CHAPTER ONE

# INTRODUCTION

September 28, 2011

# Federal Requirements

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## **Clean Water Act Section 319(b)**

**Identify programs and practices the State will use to control nonpoint source pollution and improve water quality**

**Must have Management Program to continue receiving CWA Section 319(h) grants**

# Chapter One

## Components

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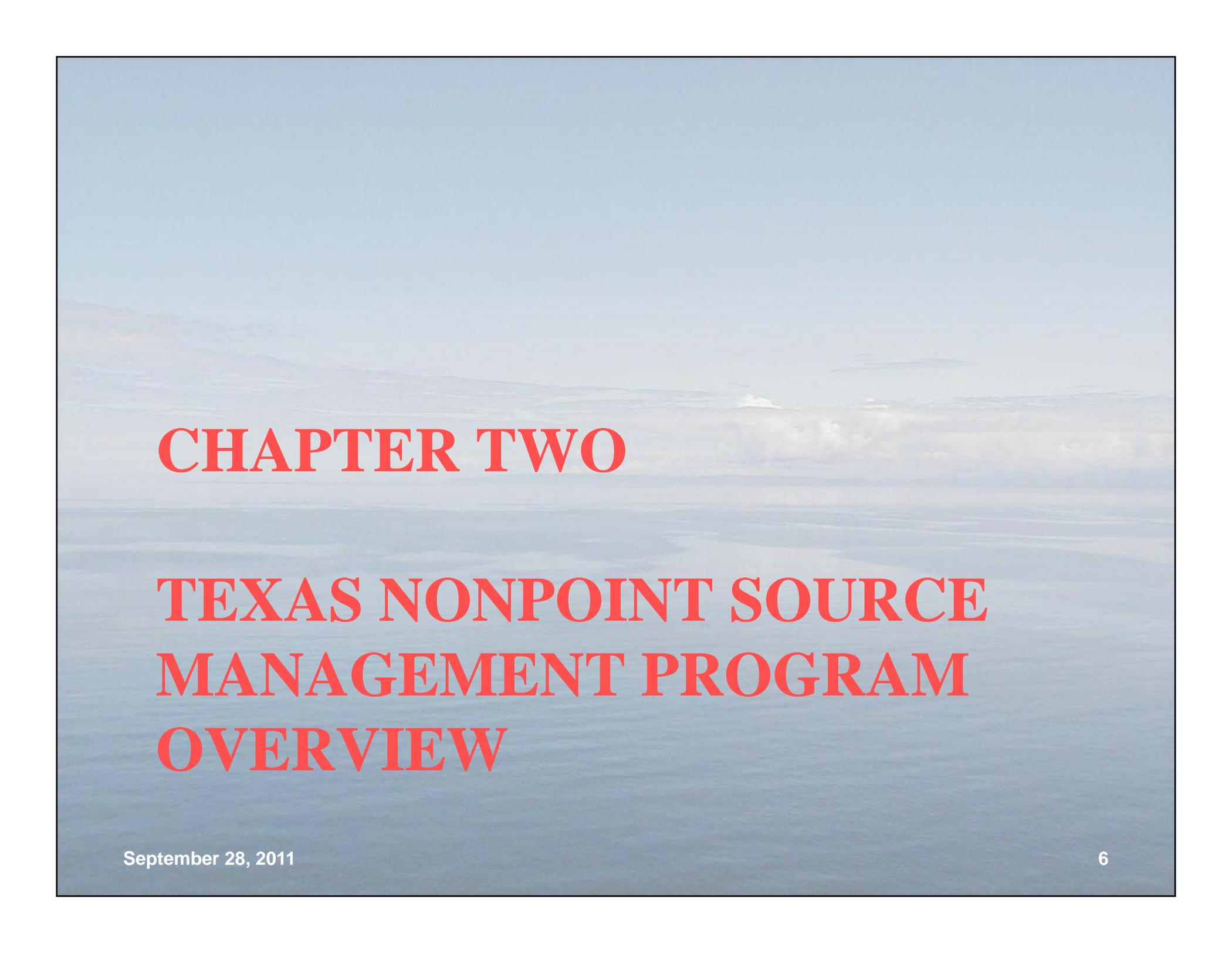
- **Explicit goals, objectives, and strategies**
- **Partnerships and linkages**
- **Balanced approach - Statewide and Individual Watersheds**
- **Abatement of impairments and prevention of threats**
- **Identify and address NPS impaired and threatened waters**

# Chapter One

## Components

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- **Flexible, targeted, and iterative approach to implement programs**
- **Federal lands management and EPA coordination**
- **Effective State management and fiduciary oversight**
- **Review and evaluate the Management Program**



# CHAPTER TWO

# TEXAS NONPOINT SOURCE MANAGEMENT PROGRAM OVERVIEW

September 28, 2011

# Chapter Two

## Program Coordination

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- ***Texas Coastal NPS Pollution Control Program***
- ***Texas Groundwater Protection Strategy***
- **State Revolving Fund**
  - **Coordinated Outreach**
  - **NPS priorities in TWDB solicitation**

# Chapter Two

## Goals and Objectives

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- **Long-Term Goal** - Protect and restore water quality from NPS pollution
  
- **Objectives:**
  - ◆ Target NPS program efforts
  - ◆ Implement WPPs and TMDL I-Plans
  - ◆ Support the implementation of:
    - ◆ *Texas Groundwater Protection Strategy*
    - ◆ *Texas Coastal NPS Pollution Control Program*
  - ◆ Develop cooperative approaches to manage NPS pollution
  - ◆ Increase public awareness of NPS pollution
  - ◆ Enhance public participation in water quality management

# Chapter Two

## Goals and Objectives

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- **Short-Term Goal One - Data Collection and Assessment**
  
- **Objectives**
  - ◆ Identify needs for information
  - ◆ Monitoring procedures meet quality assurance requirements
  - ◆ Determine sources of NPS pollution
  - ◆ Develop TMDLs, I-Plans, and WPPs in water bodies impacted by NPS pollution
  - ◆ Determine effectiveness of TMDL I-Plans, WPPs, and BMPs

# Chapter Two

## Goals and Objectives

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### ➤ **Short Term Goal Two – Implementation**

### ➤ **Objectives**

- Determine priorities
- Develop and implement strategies
- Implement BMPs to address constituents of concern
- Implement TMDL I-Plans, WPPs, and other plans to address NPS pollution

# Chapter Two

## Goals and Objectives

---

### ➤ Short Term Goal Three – Education

#### ➤ Objectives

- Enhance existing outreach programs
- Educate citizens about water quality and NPS pollution
- Develop technology transfer activities
- Conduct public outreach activities to enable stakeholders to participate in decision-making

# Chapter Two

## Milestones

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**Utilize milestones to help plan, implement, track, and report on success in achieving goals and objectives**

### **Three Levels**

- **Statewide Program**
- **Priority Watersheds**
- **Projects**

# Chapter Two

## Milestones

---

### Statewide Program

- **Program Administration**
- **Watershed Action Planning**
- **Education**

# Chapter Two

## Milestones

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### Priority Watersheds

- **Stakeholder Participation**
- **Water Quality Monitoring**
- **Modeling**
- **Plan Development**
- **Implementation**

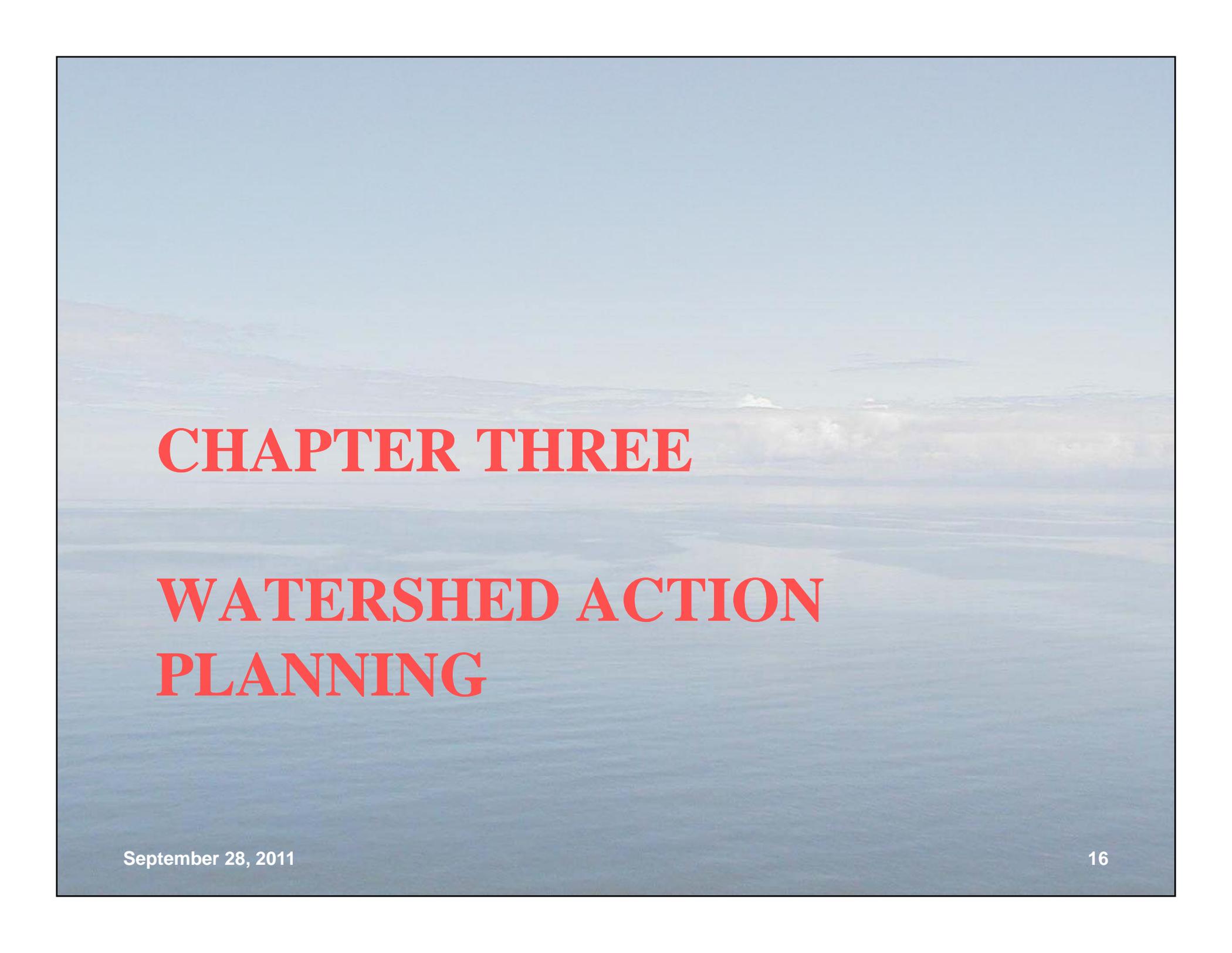
# Chapter Two

## Milestones

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### Projects

- **Quarterly Progress Reports**
- **Deliverables**
- **Financial Status Reports**
- **Final Reports**



# CHAPTER THREE

# WATERSHED ACTION PLANNING

September 28, 2011

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# Chapter Three

## Watershed Action Planning

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- **Collaborative and Dynamic Approach to Select Strategy to Address Water Quality Impairments**
- **Comprehensive Planning Allows Greater Flexibility**
- **Public Participation Process to Facilitate Coordination and Leverage Resources**

# Chapter Three

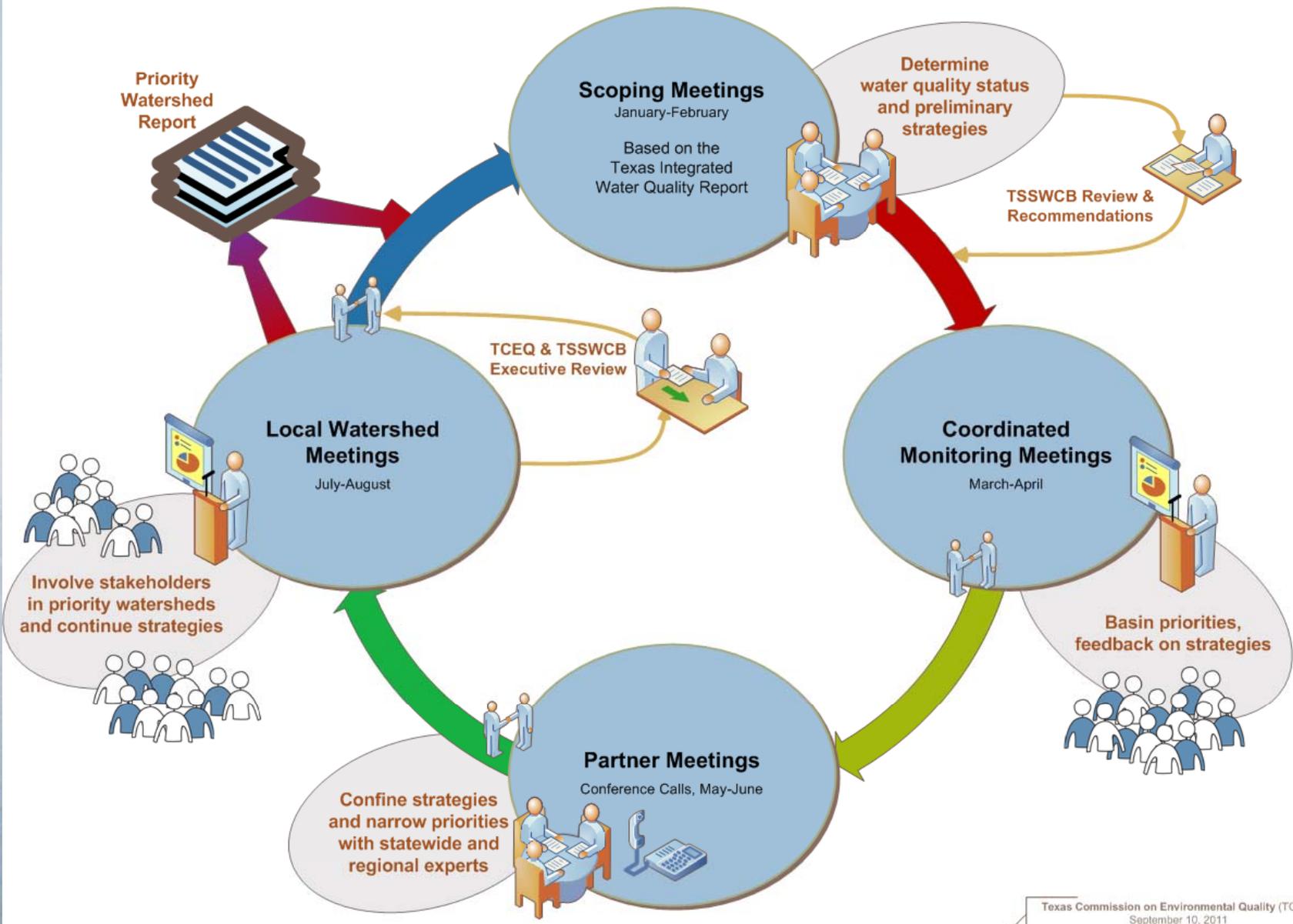
## Watershed Action Planning

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### Strategies for Addressing Impairments

- **Monitoring**
- **Evaluation**
- **Water Quality Standards Review**
- **Total Maximum Daily Load /  
Implementation Plan**
- **Watershed Protection Plan**
- **Other**

# Annual Watershed Action Planning Process



Texas Commission on Environmental Quality (TCEQ)  
September 10, 2011

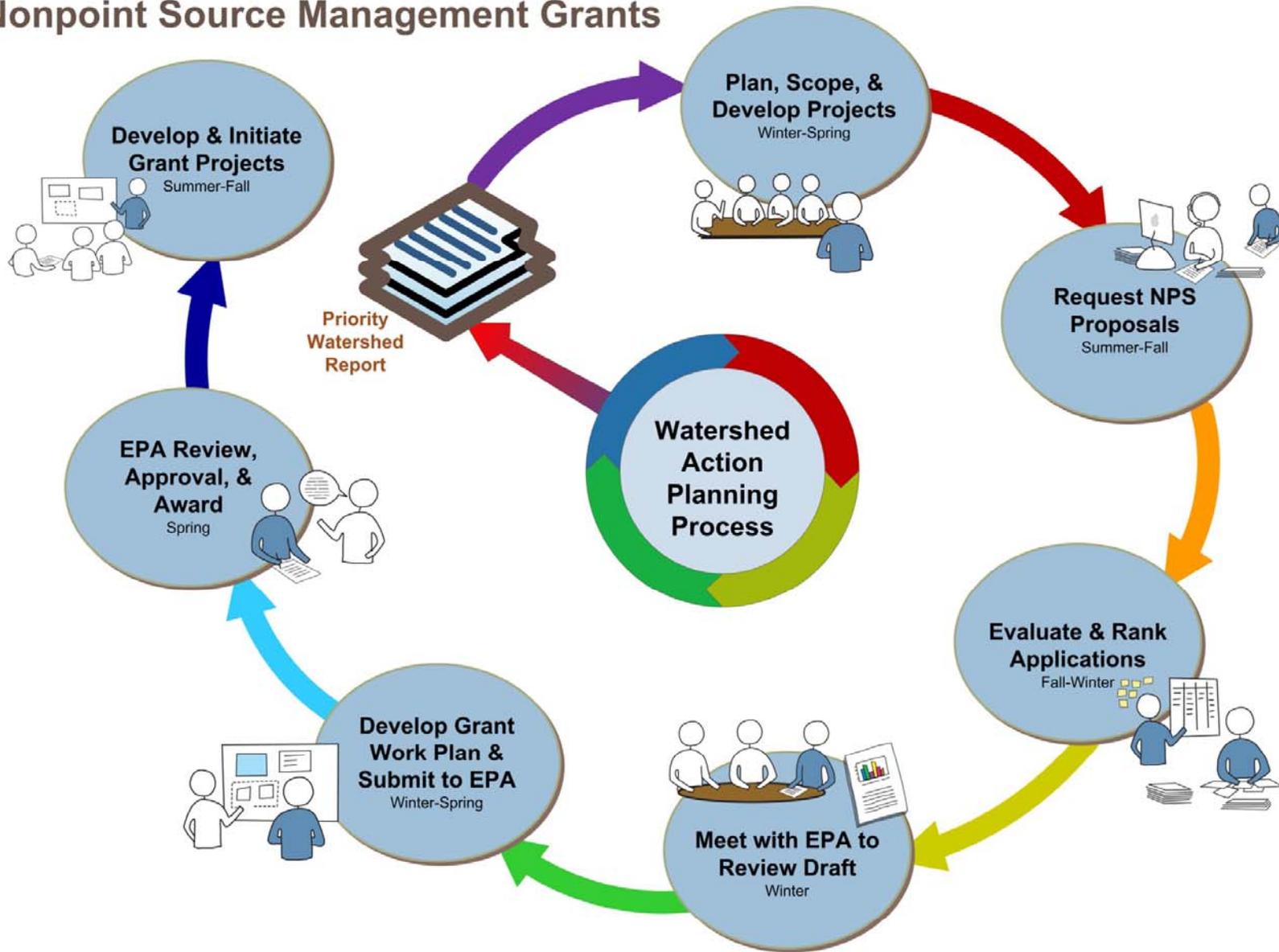
# Chapter Three

## Priority Watersheds Report

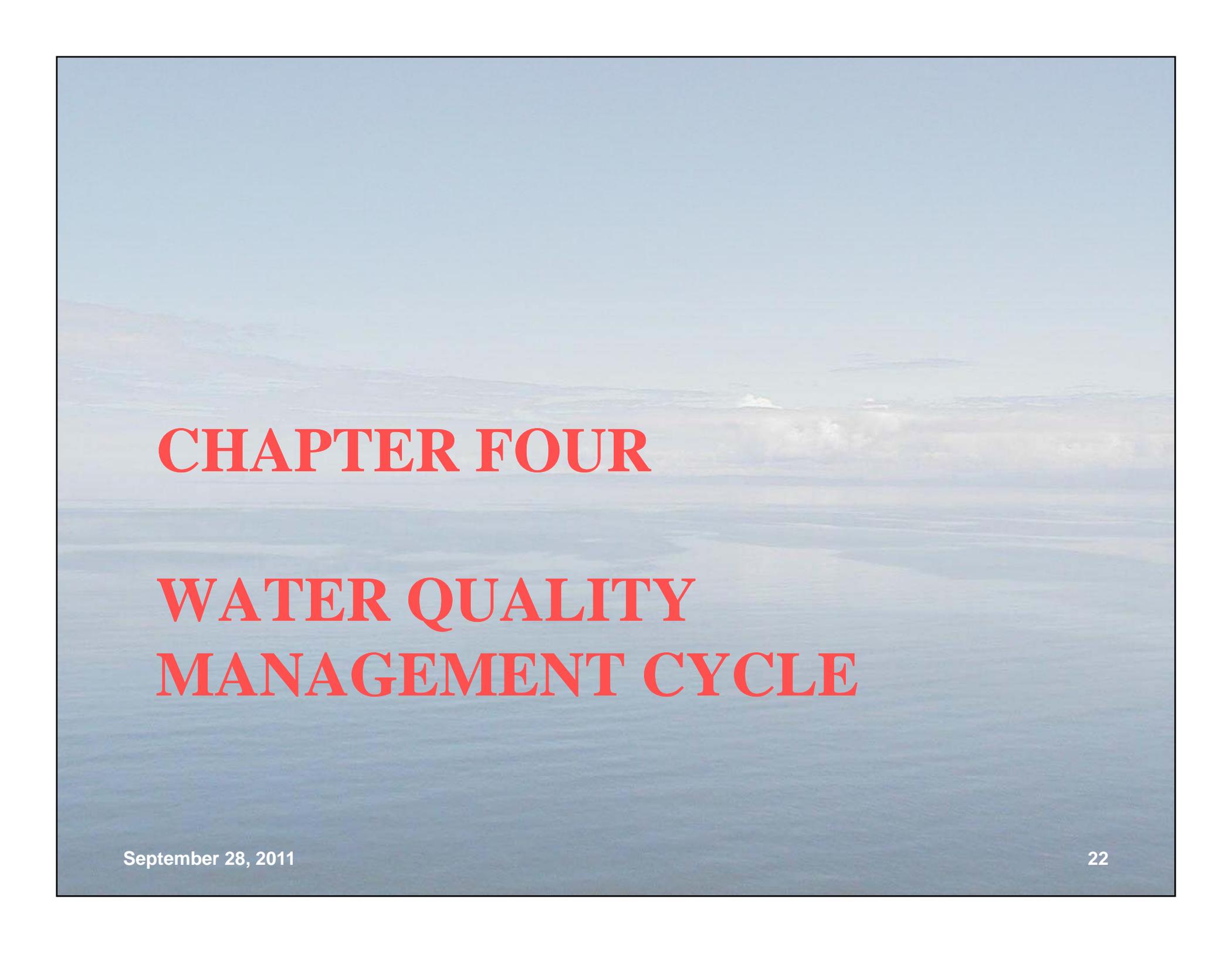
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- **List of NPS Impaired Waters**
- **Identify: Strategy, Lead, and Status**
- **Coordinate Projects and Establish Priorities**
- **Track Progress**
- **Communication Tool**
- **Appendix in Management Program**
  - ◆ **Updates to Appendix at least biennially as Watershed Action Planning changes priorities based on new Integrated Report**

# Development Process for Nonpoint Source Management Grants



Texas Commission on Environmental Quality (TCEQ)  
February 25, 2011

An aerial photograph of a large body of water, likely a bay or estuary, with a coastline and mountains in the background. The water is a deep blue, and the sky is a lighter blue with some clouds. The text is overlaid on the image.

# CHAPTER FOUR

# WATER QUALITY MANAGEMENT CYCLE

September 28, 2011

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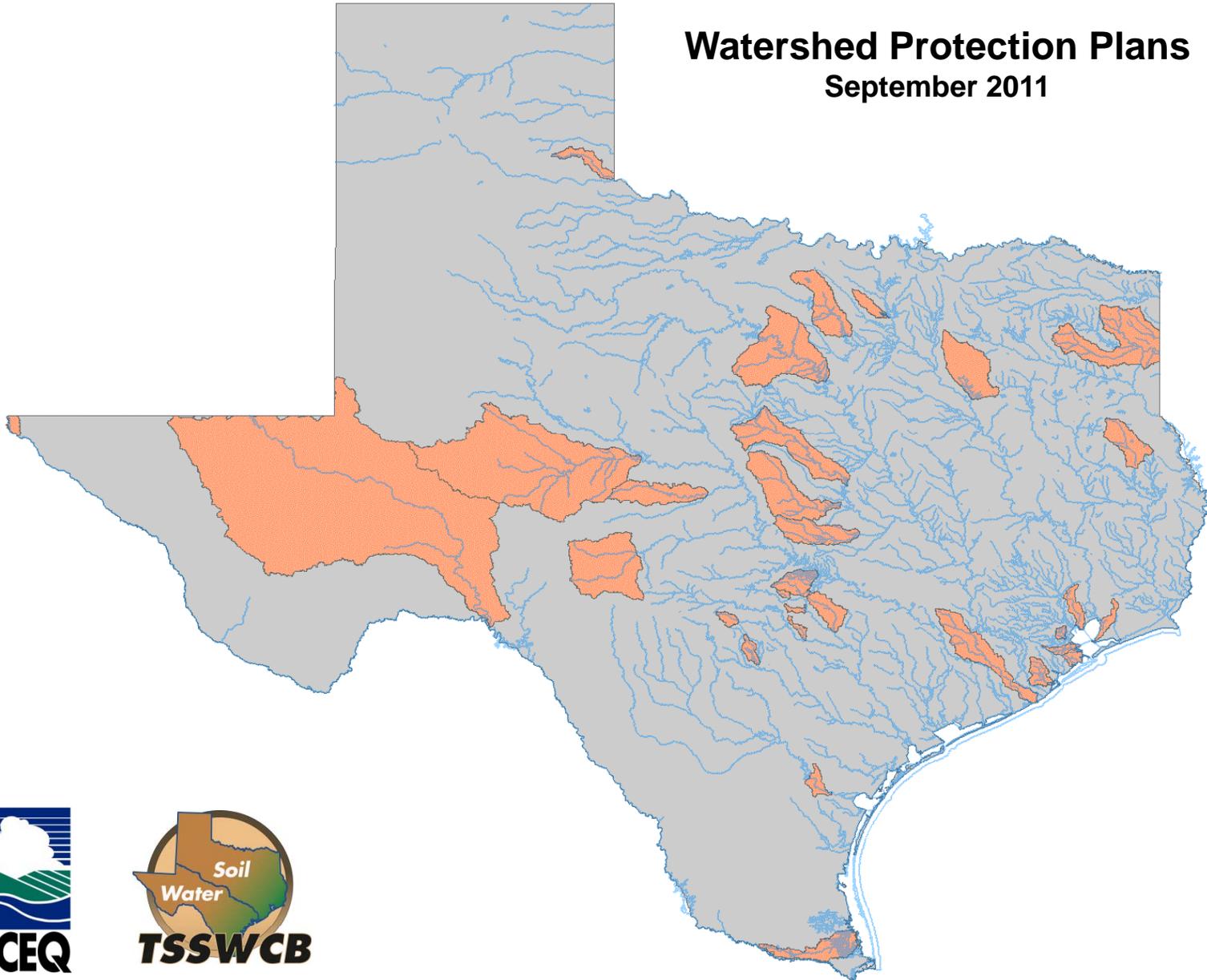
# Chapter Four

## Statewide Education Program

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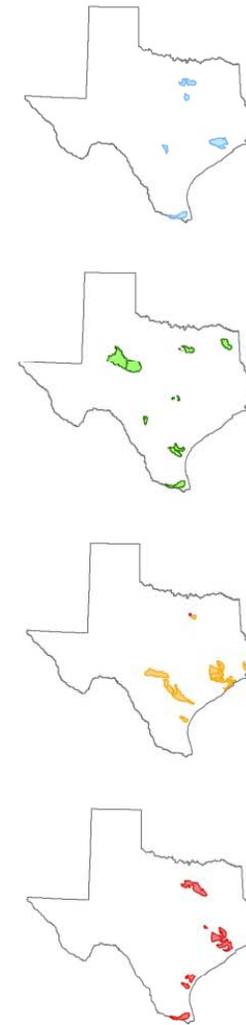
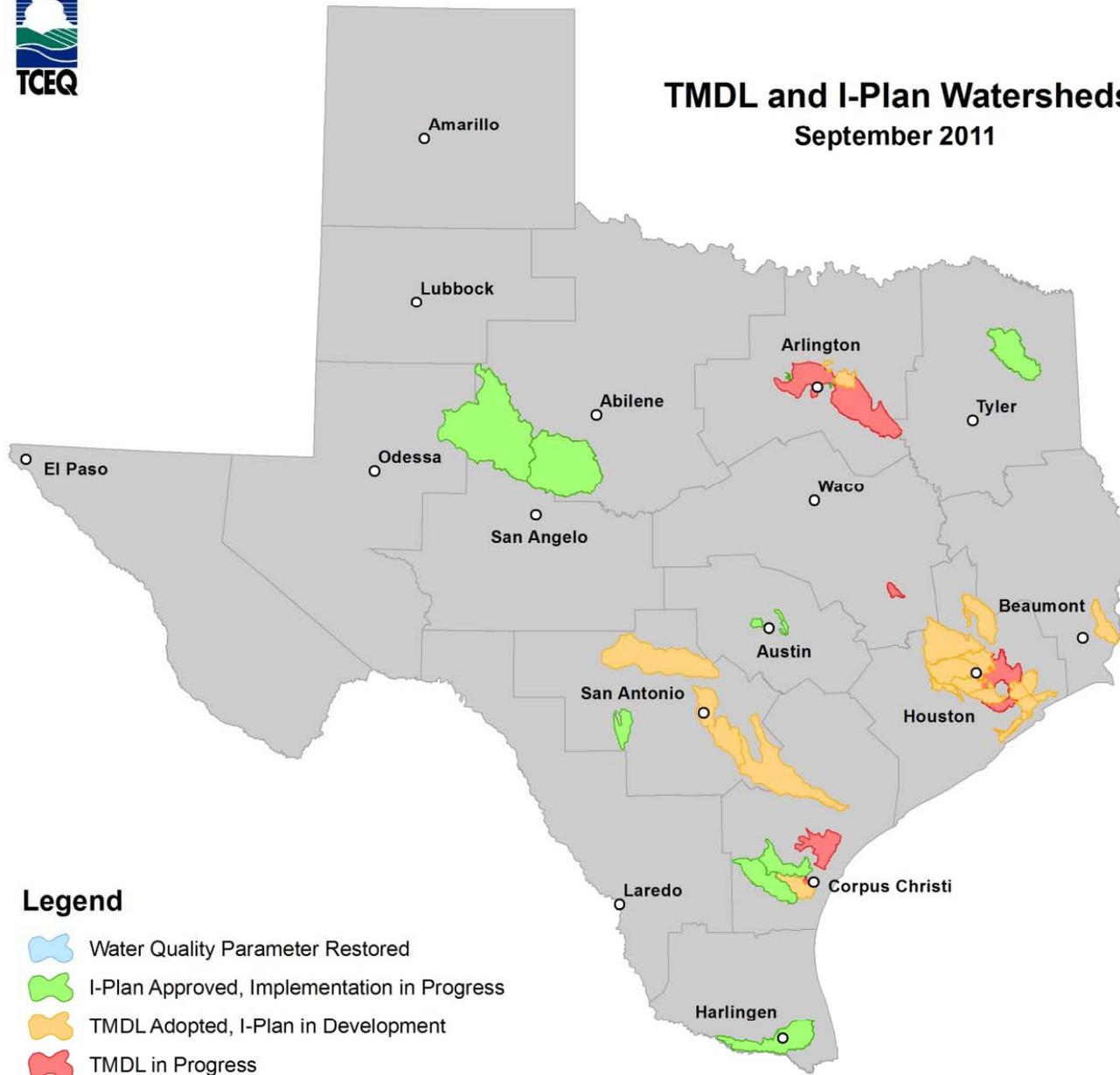
- **Texas Watershed Planning Short Course**
- **Texas Watershed Stewards**
- **Watershed Coordinator Roundtable**
- **Texas Stream Team**
- **Urban BMP Initiative**

# Watershed Protection Plans September 2011



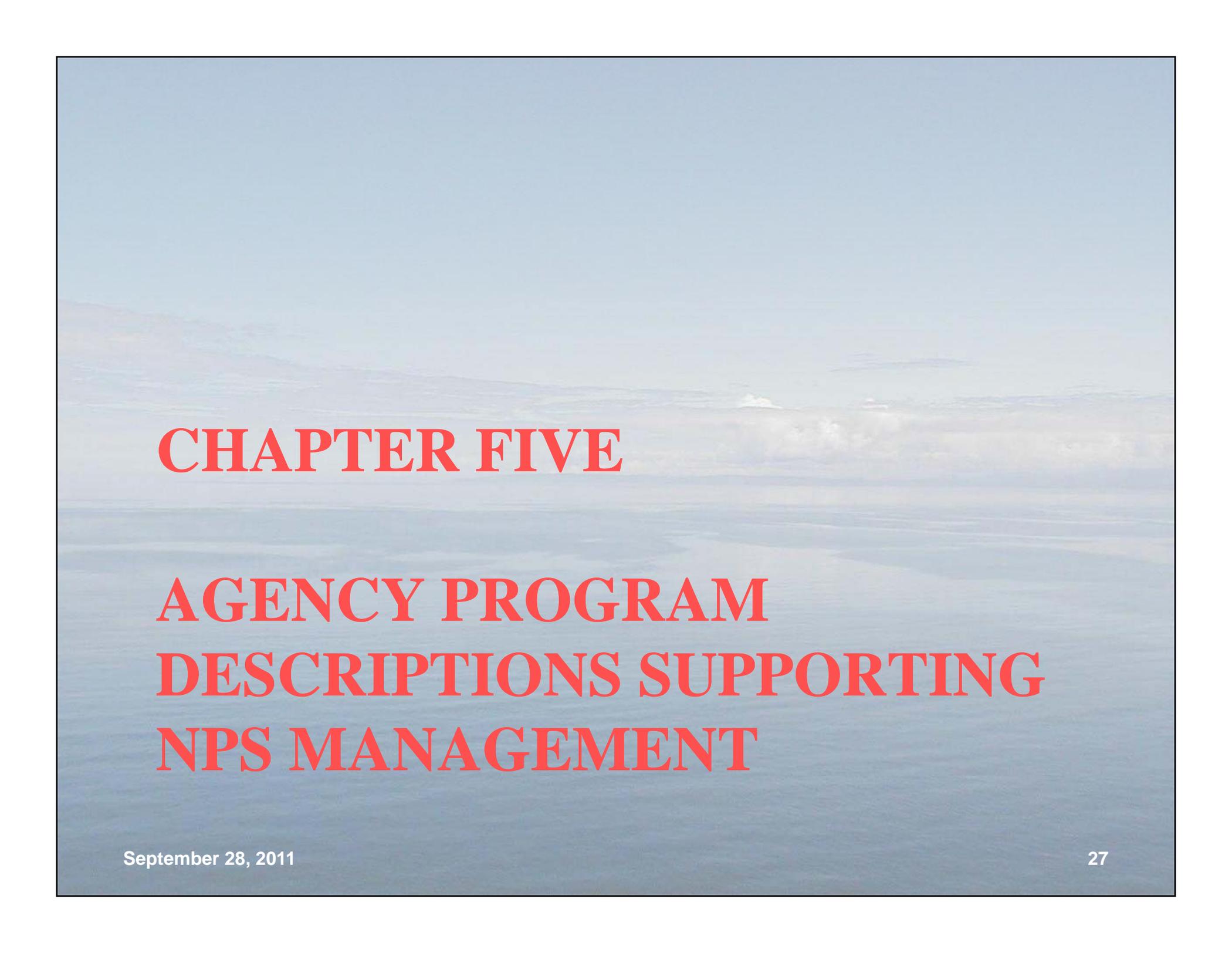


## TMDL and I-Plan Watersheds September 2011



### Legend

-  Water Quality Parameter Restored
-  I-Plan Approved, Implementation in Progress
-  TMDL Adopted, I-Plan in Development
-  TMDL in Progress



# CHAPTER FIVE

## AGENCY PROGRAM DESCRIPTIONS SUPPORTING NPS MANAGEMENT

September 28, 2011

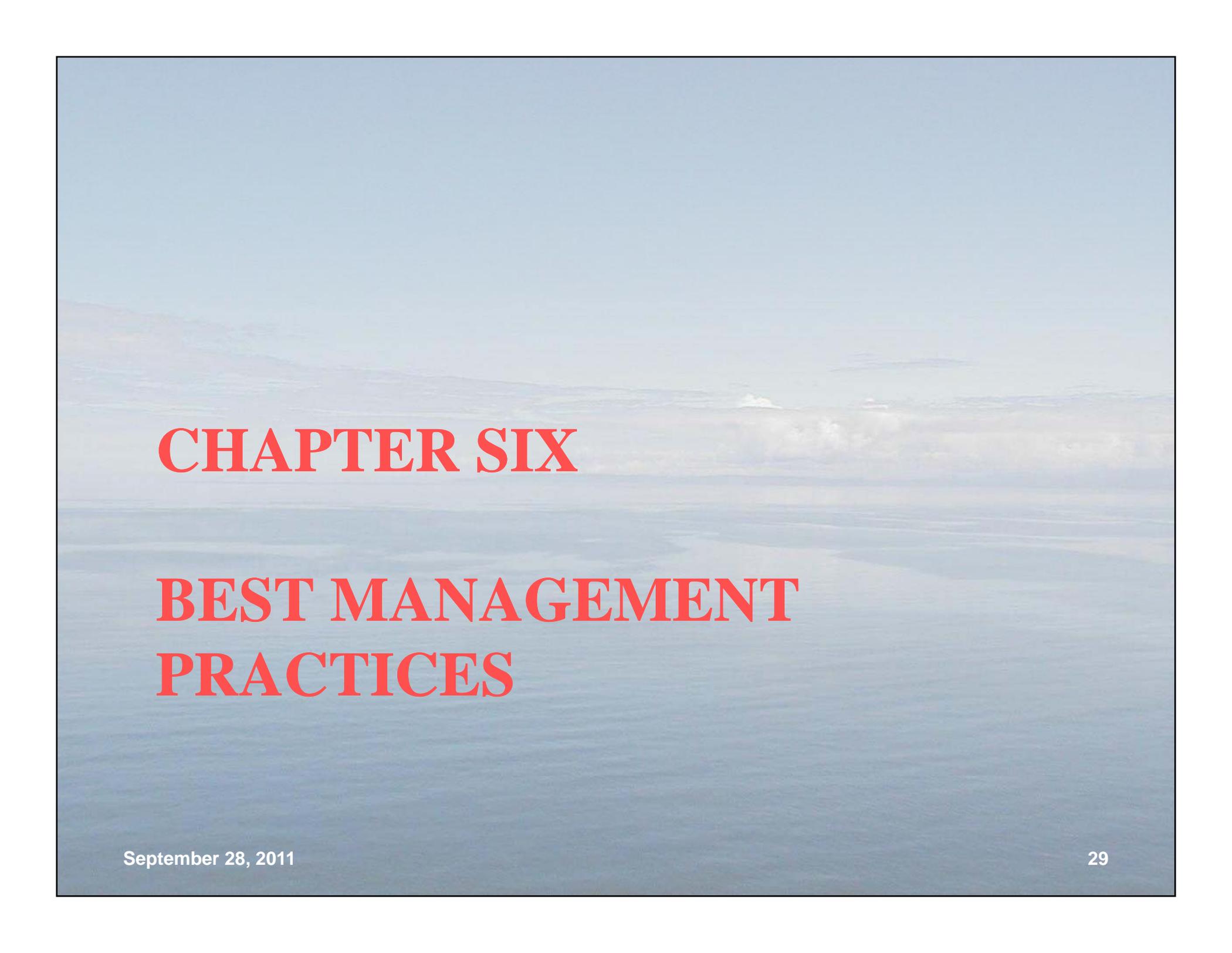
27

# Chapter Five

## Agency Program Descriptions

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- **Coordinated Framework of Federal, State, Regional, and Local Programs to Address NPS Pollution Statewide**
- **Program Representatives**
  - ◆ **Review content**
  - ◆ **Completeness**
  - ◆ **Accuracy**



# CHAPTER SIX

# BEST MANAGEMENT PRACTICES

September 28, 2011

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# Chapter Six

## Best Management Practices

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- **BMPs to Control NPS Pollution**
- **Program Representatives**
  - ◆ **Review content**
  - ◆ **Completeness**
  - ◆ **Accuracy**



# OPEN DISCUSSION

September 28, 2011

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# Timeline

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- **October 12, 2011 – End Stakeholder Review Period and Informal Comments Due**
- **January 2012– TCEQ/TSSWCB Agenda for authorization to publish for public comment**
- **March 2012 – End 30-day public comment period**
- **May 2012 – TCEQ/TSSWCB Agenda for approval**
- **June 2012 – Management Program to EPA by Governor**