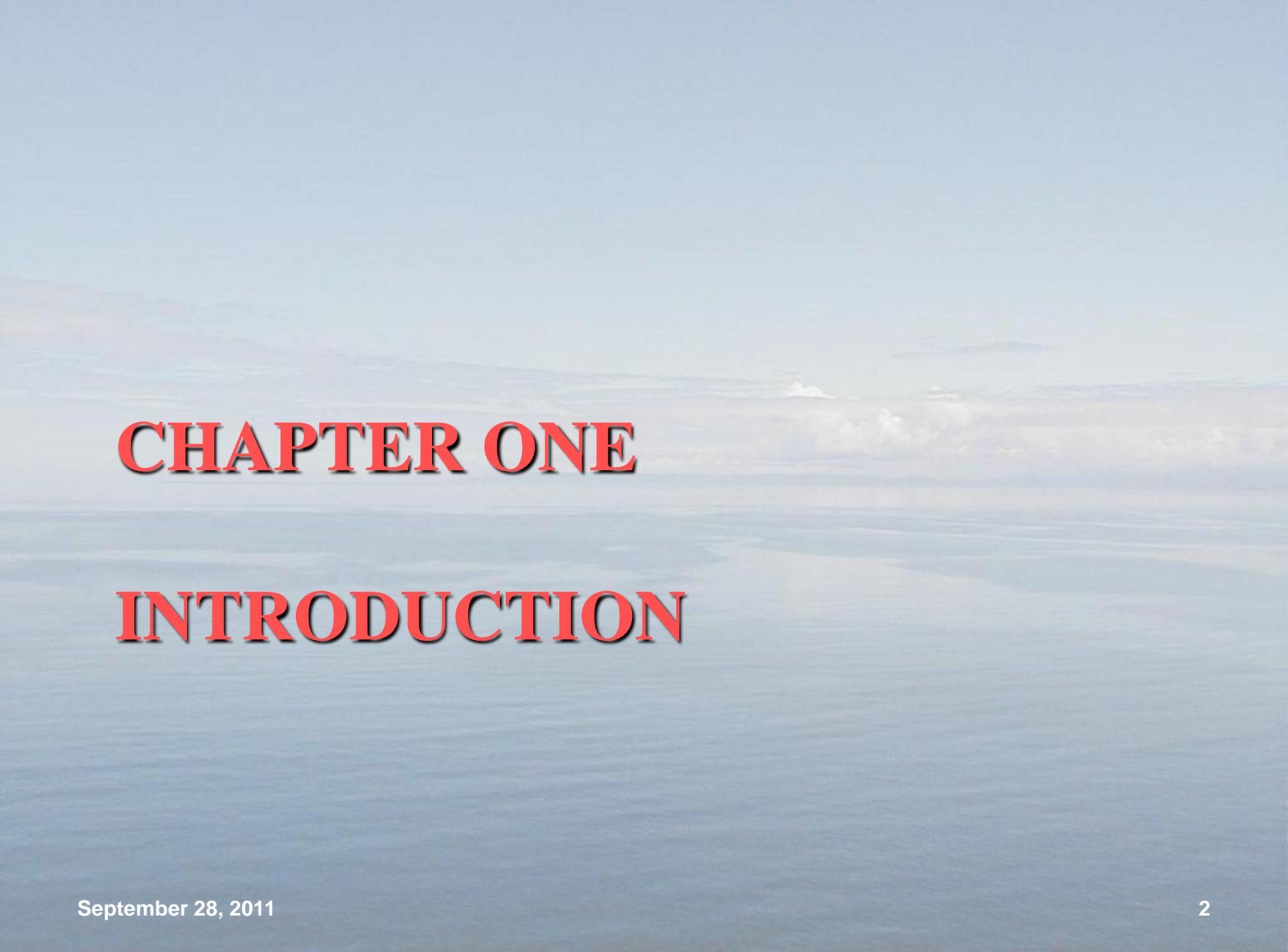


TEXAS NONPOINT SOURCE MANAGEMENT PROGRAM 2012 UPDATE

Stakeholder Meeting
September 28, 2011
Austin, TX





CHAPTER ONE

INTRODUCTION

Federal Requirements

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

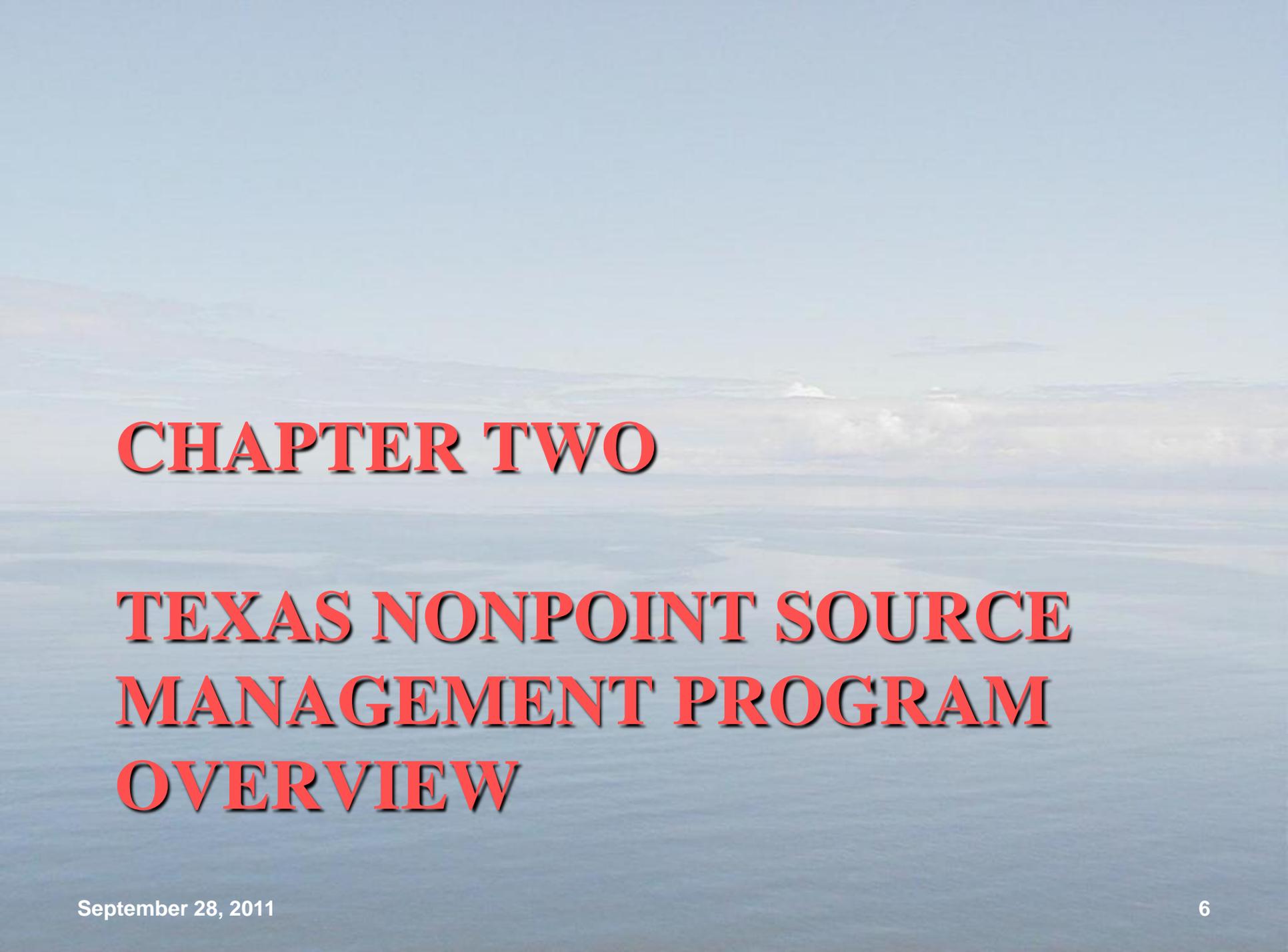
Components

- **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

- **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

Chapter Two

Program Coordination

- ***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

- **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

➤ **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

- **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

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

Priority Watersheds

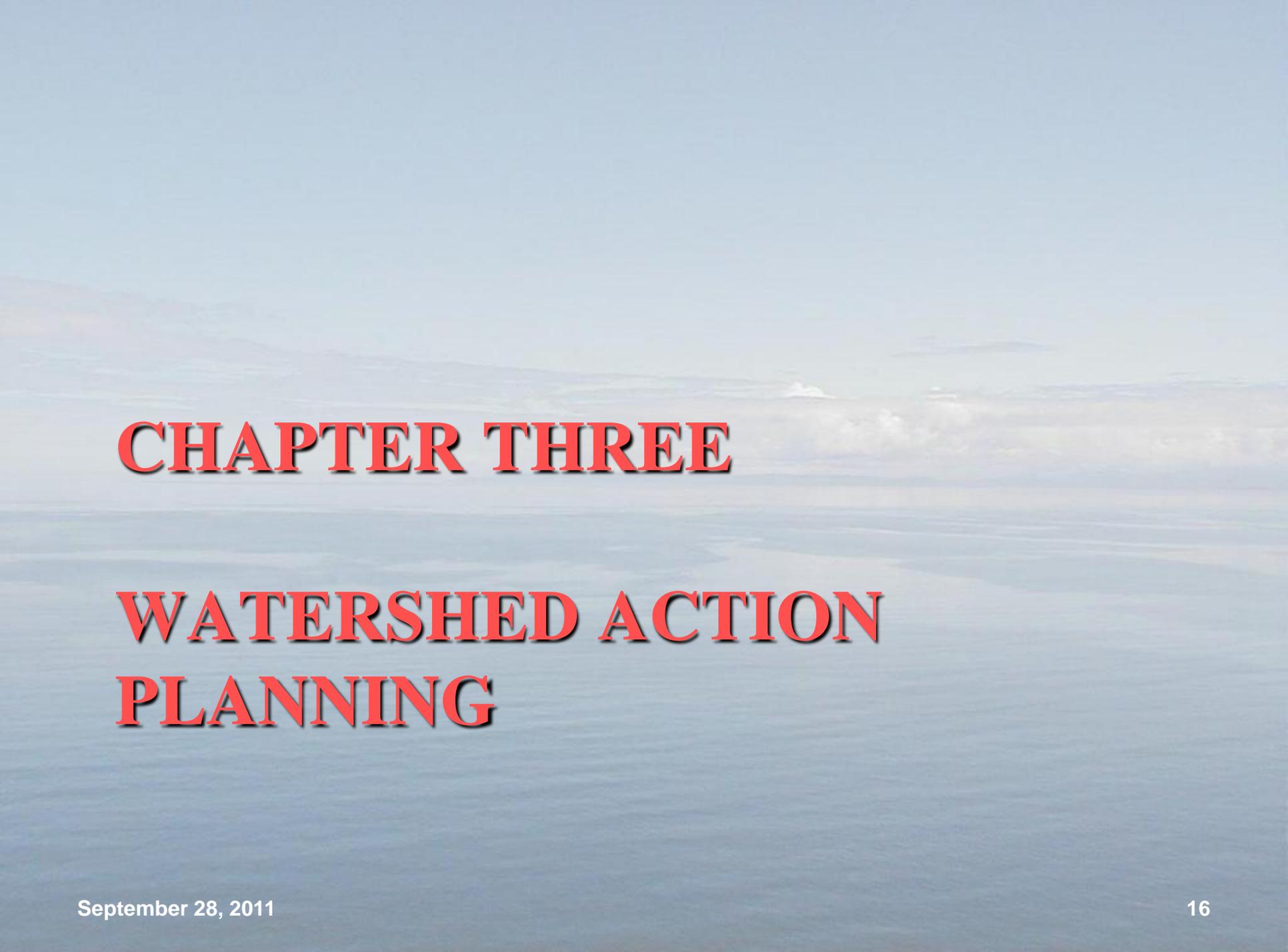
- **Stakeholder Participation**
- **Water Quality Monitoring**
- **Modeling**
- **Plan Development**
- **Implementation**

Chapter Two

Milestones

Projects

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

An aerial photograph of a vast, blue body of water, likely a lake or a wide river, stretching towards a range of mountains in the distance. The sky is a pale, hazy blue with some light clouds. The water's surface shows subtle ripples and variations in blue tones, suggesting depth and movement. The mountains in the background are silhouetted against the sky, adding a sense of scale and geography to the scene.

CHAPTER THREE

WATERSHED ACTION PLANNING

Chapter Three

Watershed Action Planning

- **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**

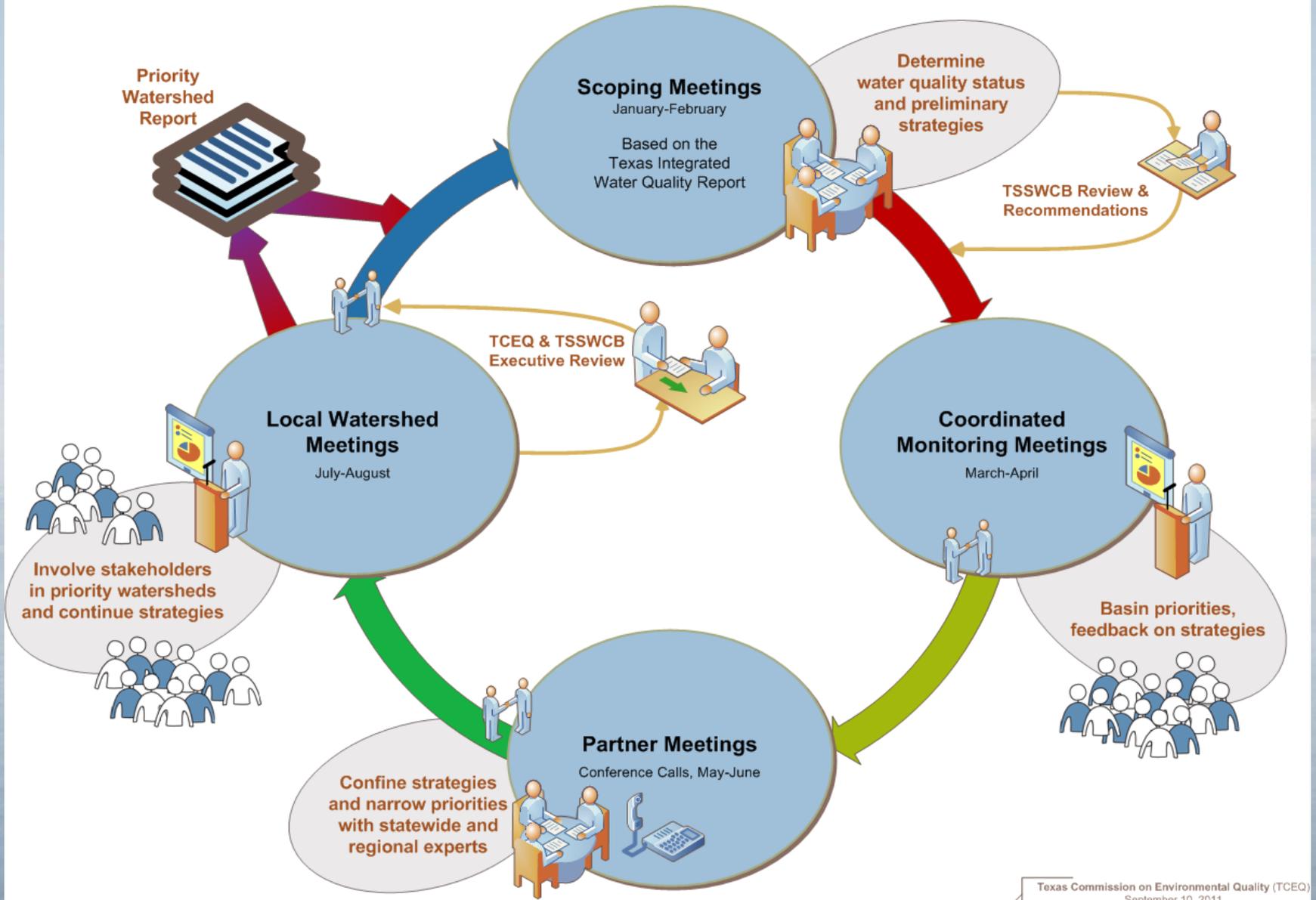
Chapter Three

Watershed Action Planning

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



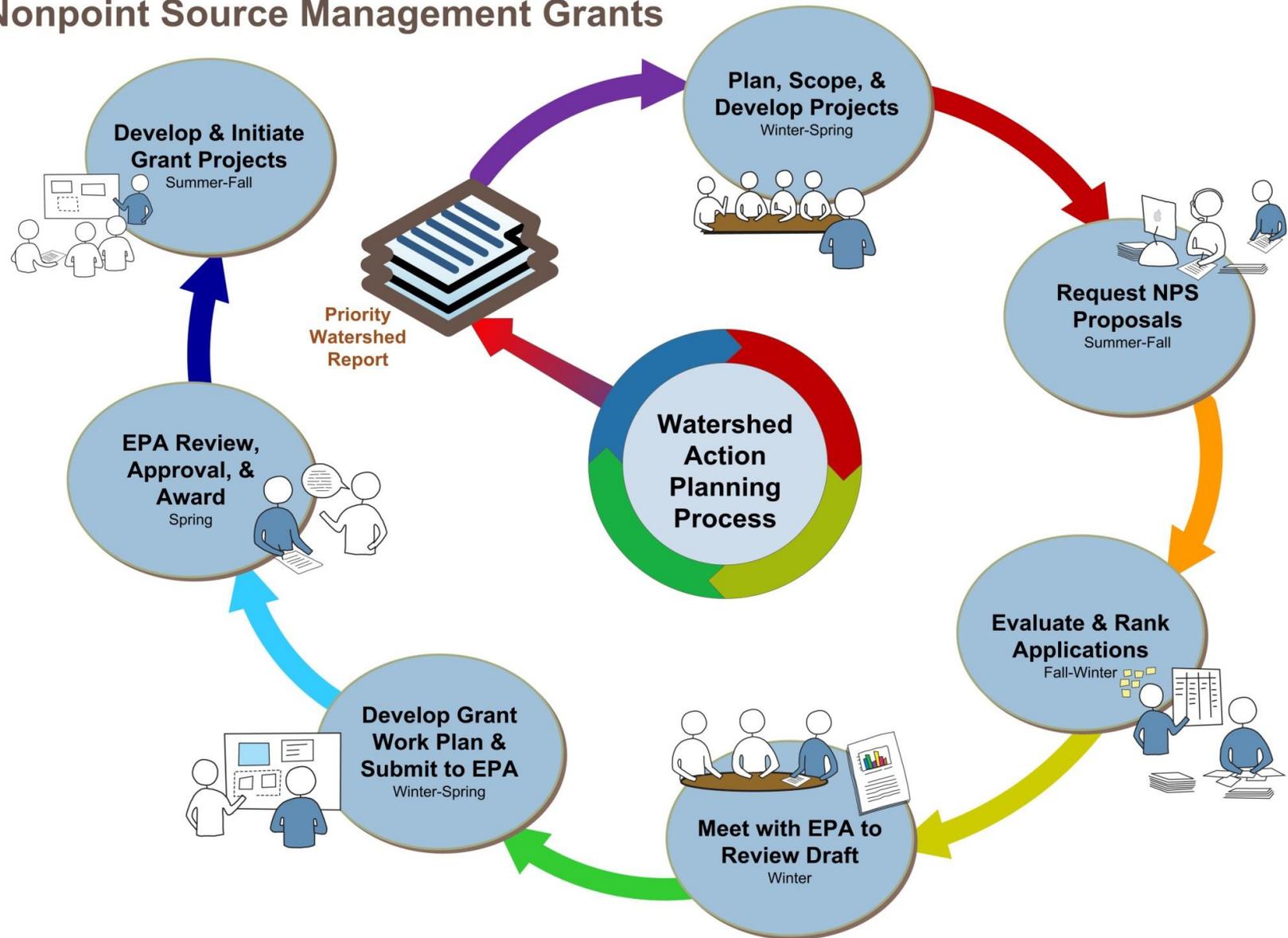
Texas Commission on Environmental Quality (TCEQ)
September 10, 2011

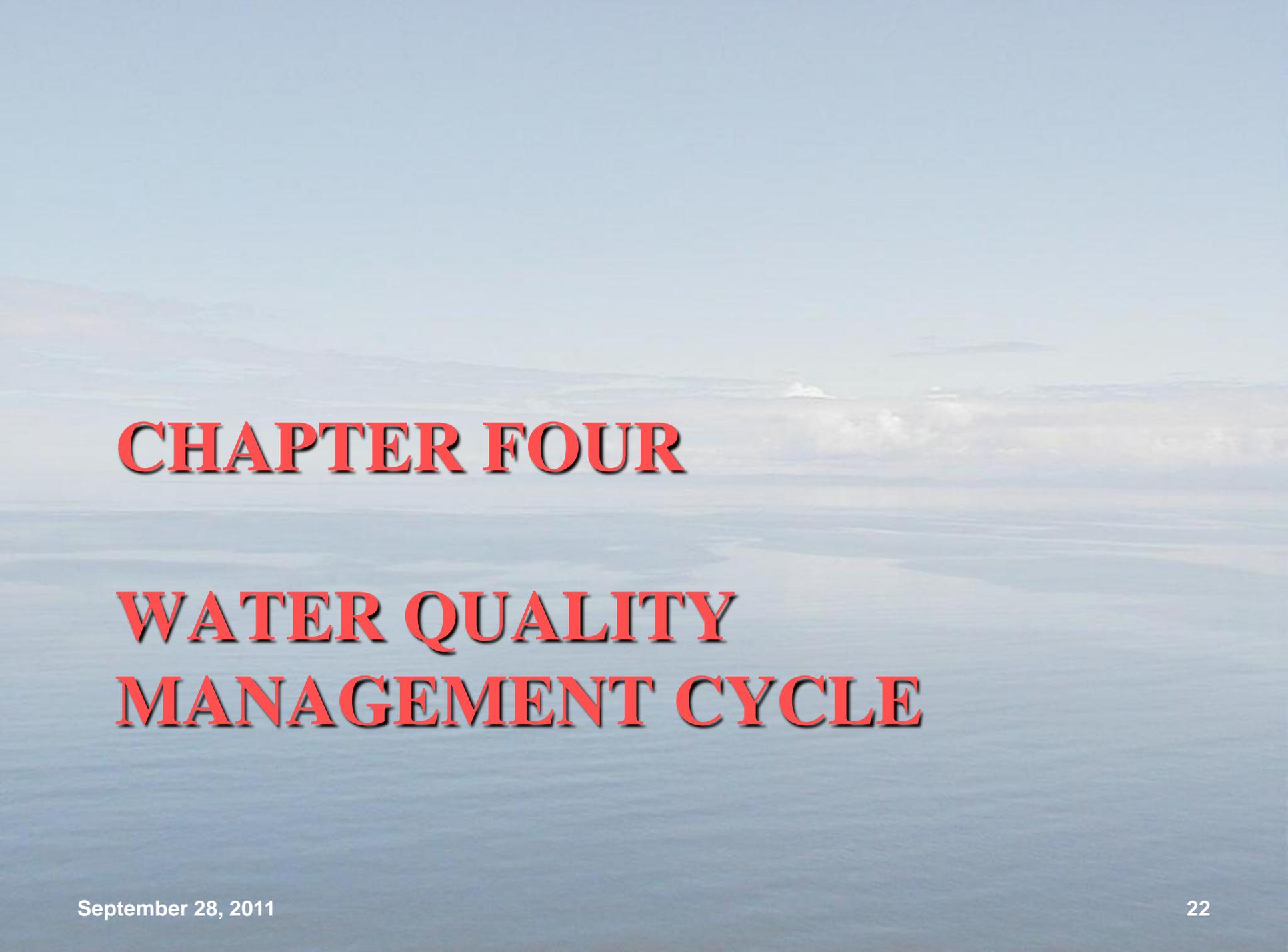
Chapter Three

Priority Watersheds Report

- **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





CHAPTER FOUR

WATER QUALITY MANAGEMENT CYCLE

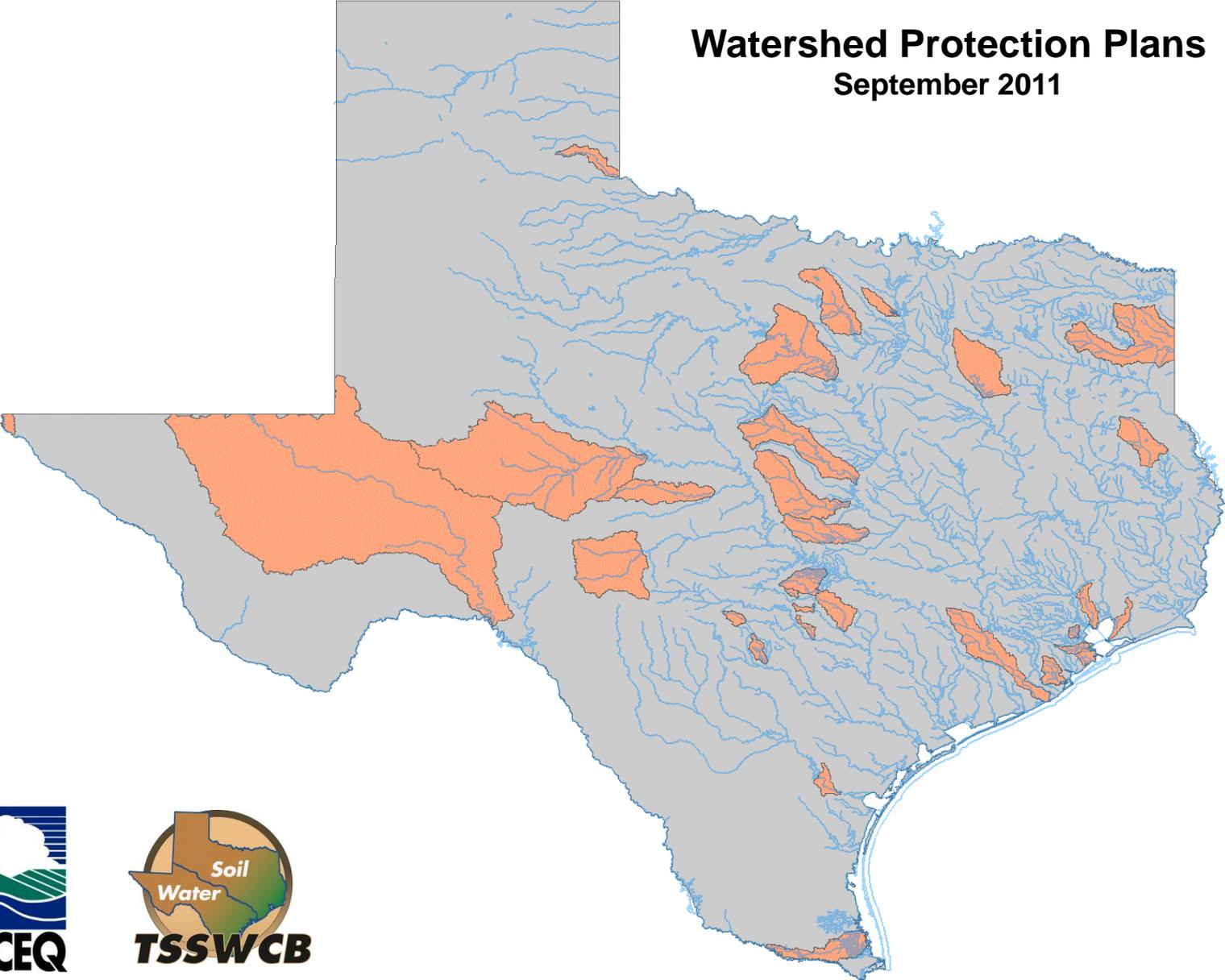


Chapter Four

Statewide Education Program

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

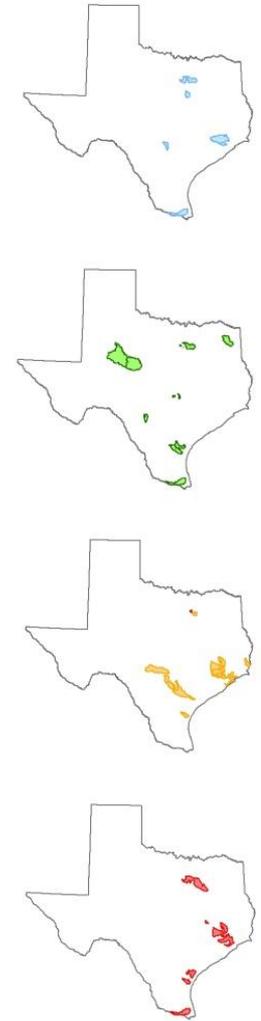
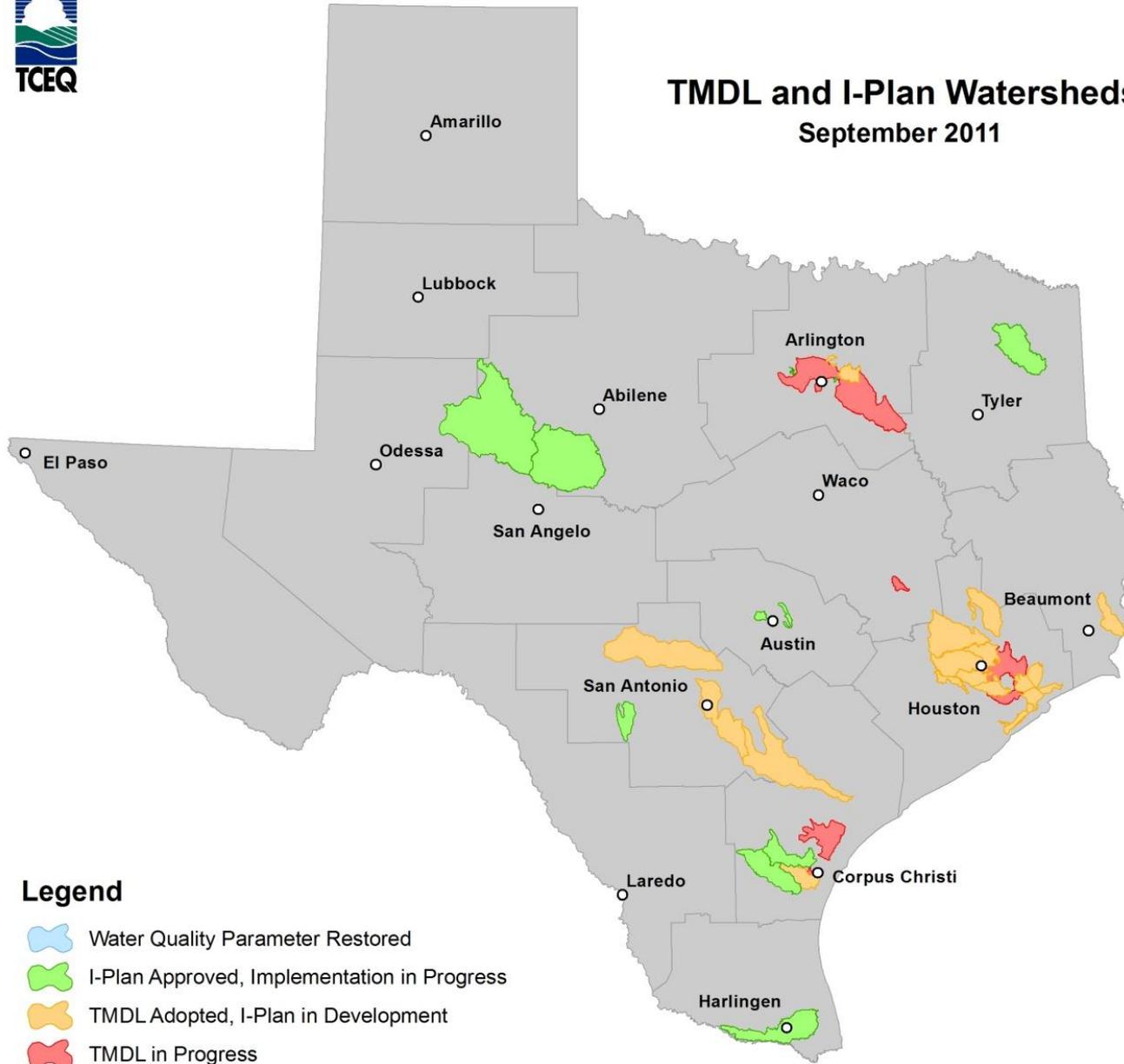
Watershed Protection Plans September 2011





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

Chapter Five

Agency Program Descriptions

- **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

Chapter Six

Best Management Practices

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

OPEN DISCUSSION

Timeline

- **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**