

2012 TEXAS NONPOINT SOURCE MANAGEMENT PROGRAM 2012 UPDATE

Public Comment Meeting
February 23, 2012
Austin, TX



State NPS Management Program 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) grant funding

Chapter One

Introduction

- **Assessment of NPS Pollution**
- **Challenges and Solutions**
- **EPA Components of Effective Program**
 - 🔥 **Partnerships and linkages**
 - 🔥 **Explicit goals, objectives, and strategies**
 - 🔥 **Balanced approach - Statewide and Watersheds**
 - 🔥 **Flexible, targeted, and iterative approach**
 - 🔥 **Abate impairments and prevent threats**

Chapter Two

Program Overview

- **Program Coordination**
- **Long-Term Goals**
- **Short-Term Goals**
- **Milestones**

Chapter Two

Program Overview - Goals

- **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

Program Overview - Goals

- **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

Program Overview - Goals

➤ **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

Program Overview - Goals

➤ **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 & Appendix E

Program Overview - 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 & Appendix E

Program Overview - Milestones

- **Section 319(h) Grant Program Reporting**
- **NPS Annual Report**
- **Watershed Education/Training/Volunteer Monitoring**
- **Quality Assurance**
- **Development of TMDLs/TMDL I-Plans and WPPs**
- **Load Reductions**
- **Effectiveness Monitoring**

Chapter Two & Appendix E

Program Overview - Milestones

| Goals/ Objectives | Milestone | Milestone Description | Milestone Measurement | Program Year | | | | | |
|----------------------|-------------------|---|--|--------------|------|------|------|------|------|
| | | | | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
| ST1/B | Quality Assurance | Ensure monitoring is in compliance | Annual Quality Management Plan Updates | 2 | 2 | 2 | 2 | 2 | 2 |
| LT/7 | NPS Annual Report | The state will produce the NPS Annual Report in accordance with applicable EPA guidance | NPS Annual Report | 1 | 1 | 1 | 1 | 1 | 1 |

Chapter Three

Watershed Action Planning

- **Guides statewide water quality planning**
- **Address Water Quality Impairments & Special Interest Issues**
- **Collaborative Approach to Select Strategies**
- **Comprehensive Planning Allows Greater Flexibility**
- **Public Participation Process to Facilitate Coordination and Leverage Resources**

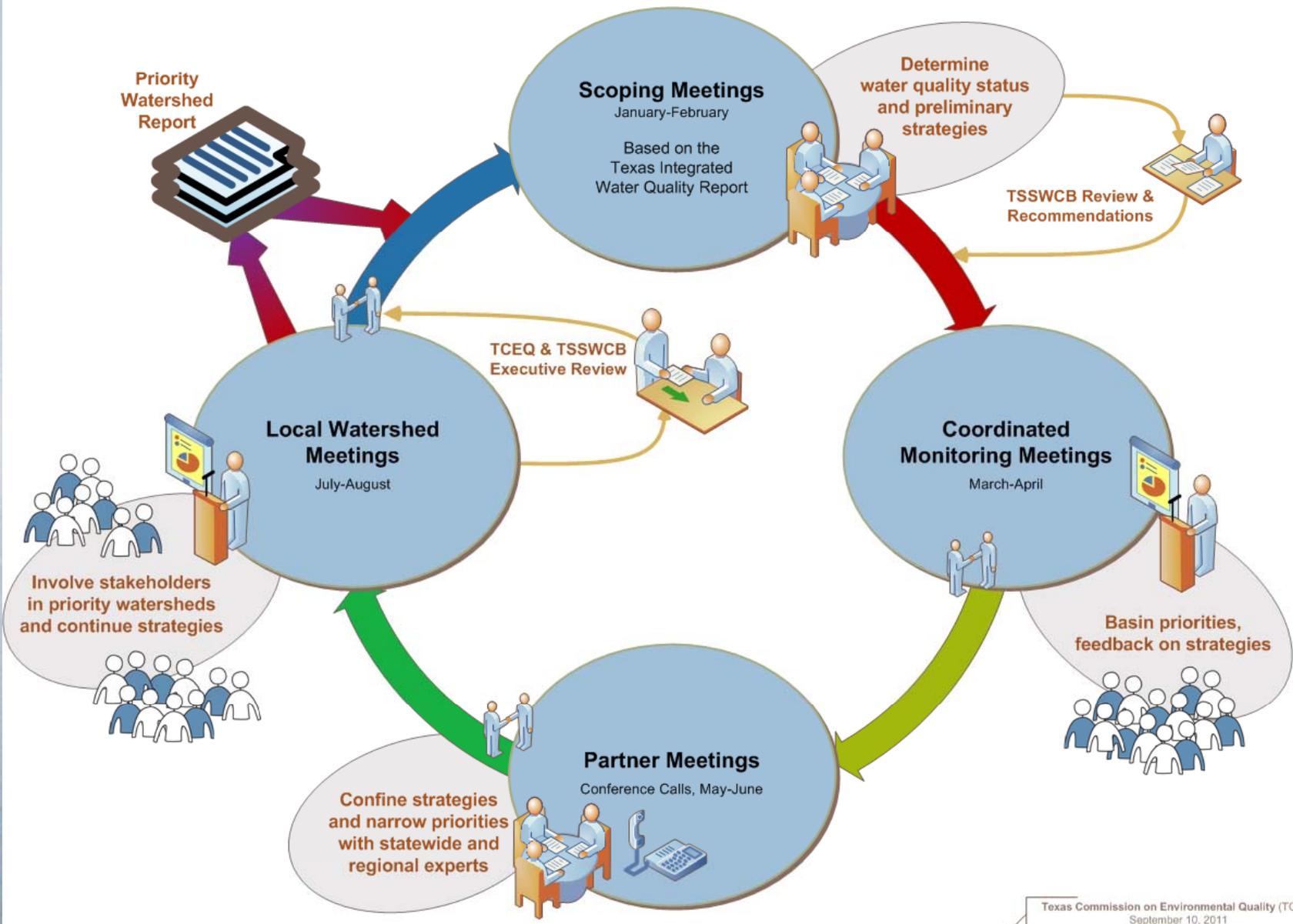
Chapter Three

Watershed Action Planning

Strategies to Address Impairments

- **Monitoring**
- **Evaluation**
- **Water Quality Standards Review**
- **TMDL & I-Plan**
- **WPP**
- **Other**

Annual Watershed Action Planning Process



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

Chapter Three & Appendix C

NPS Priority Watersheds Report

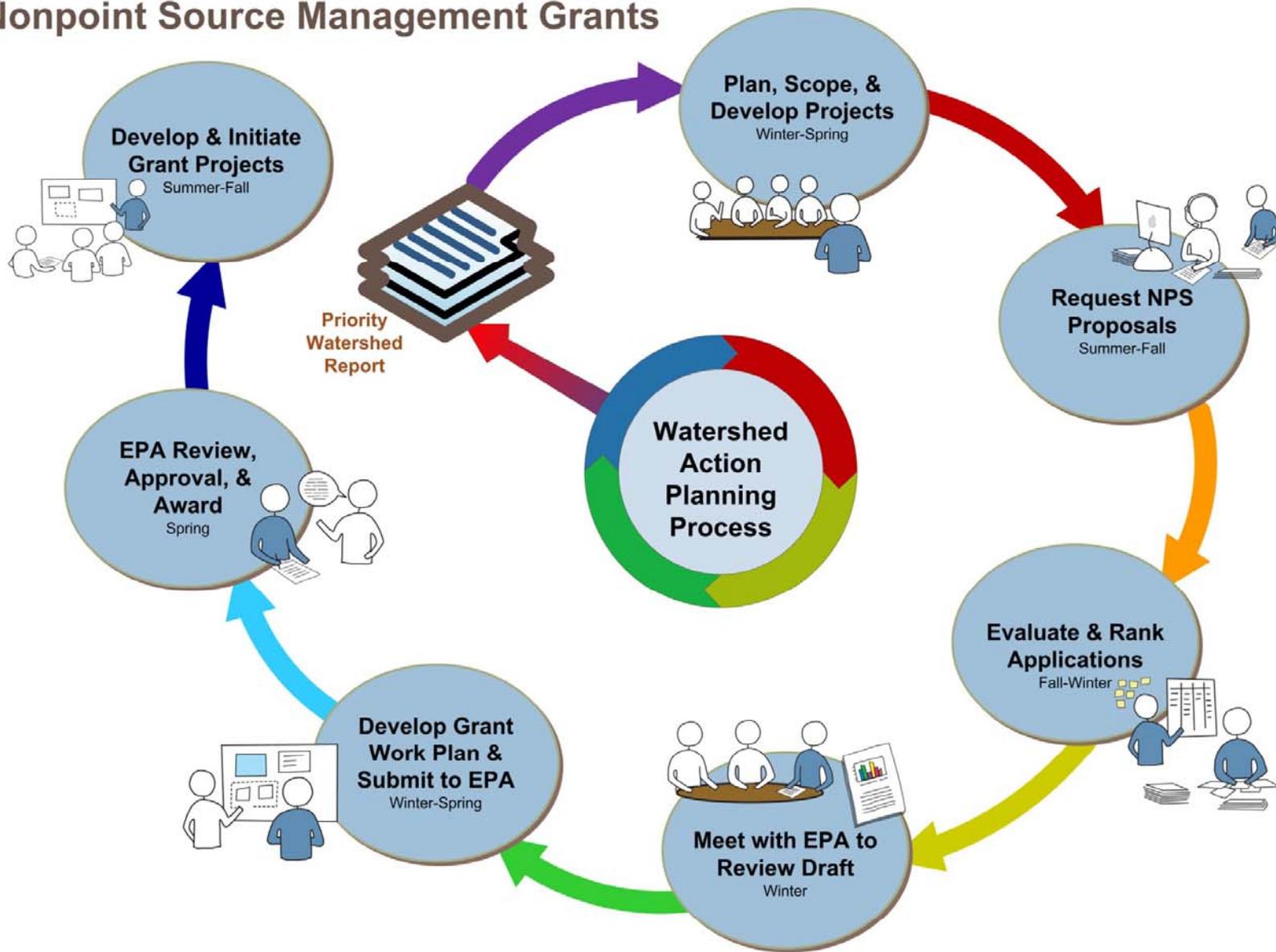
- **NPS Impacted Waters**
- **Strategy, Lead, and Status**
- **Establish Priorities**
- **Track Progress**
- **Communication Tool**
- **Appendix C in Management Program**
- **Updated at least every 2 years**

Chapter Three & Appendix C

NPS Priority Watersheds Report

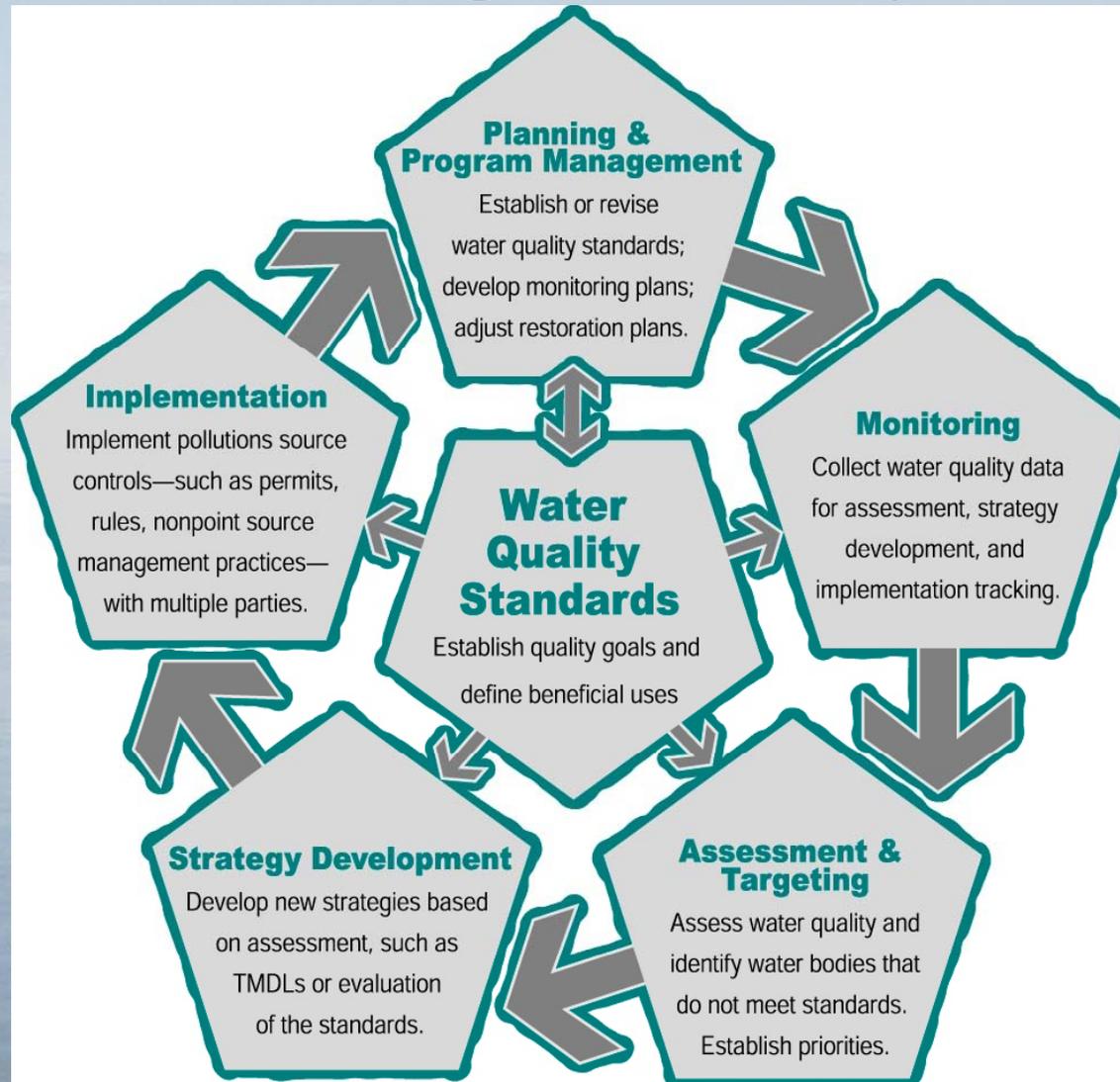
| SEGMENT & AU | SEGMENT NAME | IMPAIRMENT | IR CATEGORY | WAP Strategy | Status | Lead |
|--------------|--|------------|-------------|--------------|------------|--------------|
| 0101A_01 | Dixon Creek (unclassified water body) | bacteria | 5b | WQS Review | Planning | TSSWCB - SRM |
| 0101B_01 | Rock Creek (unclassified water body) | bacteria | 5c | Evaluation | Consulting | TCEQ - WAP |
| 0103_01 | Canadian River Above Lake Meredith | chloride | 5c | WQS Review | Scheduled | TCEQ - WQS |
| 0103_02 | Canadian River Above Lake Meredith | chloride | 5c | WQS Review | Scheduled | TCEQ - WQS |

Development Process for Nonpoint Source Management Grants



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

Chapter Four - Water Quality Management Cycle



Chapter Four

Statewide Education Program

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

Chapter Five

Agency Program Descriptions

- **Coordinated Framework of Federal, State, Regional, and Local Programs to Address NPS Pollution Statewide**

Chapter Six

Best Management Practices

➤ **BMPs to Control NPS Pollution**

Timeline

- **Feb 23, 2012 – Pubic comment meeting**
- **March 12, 2012 – End public comment period**
- **May 2012 – TCEQ/TSSWCB Agenda for approval**
- **June 2012 – Mgt Program to EPA thru Governor**

PUBLIC COMMENT

- **Due Date: March 12, 2012**
- **Submittal: Email**
- **Address: *Arthur.Talley@tceq.texas.gov***