PRESENTATION OVERVIEW

- What is a WPP?
- Nine elements of a WPP.
- Steps to WPP Development.
- Where we are at now?
- Components of the Attoyac Bayou WPP.
WHAT IS A WPP?

- **Voluntary** plan developed by stakeholders.
- **Holistic** approach to watershed management.
- 9-Element Plan Handbook developed by the EPA
NINE ELEMENTS OF A WPP

1. Identification of the causes and sources impairment
2. Expected load reductions
3. Proposed management measures
4. Technical and financial assistance needs
5. Information, education, and public participation
6. Schedule for implementing management measures
7. Interim, measurable milestones
8. Load reduction evaluation criteria
9. Water quality monitoring
STEPS TO WPP DEVELOPMENT
BUILD PARTNERSHIPS

- Identify key stakeholders
- Identify issues of concern
- Set preliminary goals
- Develop indicators
- Conduct public outreach
CHARACTERIZE THE WATERSHED

- Gather existing data and create a watershed inventory
- Identify data gaps and collect additional data if needed
- Analyze data
- Identify causes and sources of pollution that need to be controlled
- Estimate pollutant loads
FINALIZE GOALS AND IDENTIFY SOLUTIONS

- Set overall goals and management objectives
- Develop indicators/targets
- Determine load reductions needed
- Identify critical areas
- Develop management measures to achieve goals
DESIGN IMPLEMENTATION PROGRAM

- Develop implementation schedule
- Develop milestones
- Develop criteria to measure progress
- Develop monitoring component
- Develop information/education component
- Develop evaluation process
- Identify technical and financial assistance
- Assign responsibility for reviewing and revising the plan
IMPLEMENT WATERSHED PLAN

- Implement management strategies
- Conduct monitoring
- Conduct information/education activities
MEASURE PROGRESS AND MAKE ADJUSTMENTS

- Review and evaluate information
- Share results
- Prepare annual work plans
- Report back to stakeholders and others
- Make adjustments to program
WHERE ARE WE AT NOW?

- Review and evaluate information
WHERE ARE WE AT NOW?

- Beginning to prepare WPP Document
  - Reports being prepared for each task of project to be included in final WPP document.
  - Currently developing draft layout of WPP document
Typical Introduction Sections

- Table of Contents
- List of Figures and Tables
- Executive Summary
- Overview of the Attoyac Bayou Watershed
WPP DOCUMENT

- Watershed Overview
  - History of watershed
  - Watershed boundaries
  - Watershed Characteristics including: landuse/landcover, climate, water resources, agriculture, economy, soils, geography, topography, etc.
  - Historical and current water quality
  - Potential sources of pollution
Watershed Management

- Definition of a watershed
- Watershed’s impacts on water quality
- Watershed management approach
  - Adaptive management
- WPP Development process
- Water quality management plans
- Private property rights
WPP DOCUMENT

- Watershed Analysis Results
  - Water quality monitoring
  - Bacterial source tracking
  - SELECT analysis
  - Load duration curve analysis
Concerns and Management

- Bacteria and Nitrates
  - Causes and Sources
  - Critical management areas
  - Estimated load reductions
  - Needed management measures
  - Technical assistance

Attoyac Bayou, August 2008
Measures of Success

- Continued Water Quality Monitoring
- Management measures implemented in watershed
- Removal from the 303(d) list
WPP DOCUMENT

- Implementation and Goals
  - Practice implementation schedule
  - Costs and sources of financial assistance
  - Measurable milestones
Anything Else?

- Additional information to be included in WPP document will be up to steering committee and stakeholders.

- Is there anything you think we need to add?
Any Questions?

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