



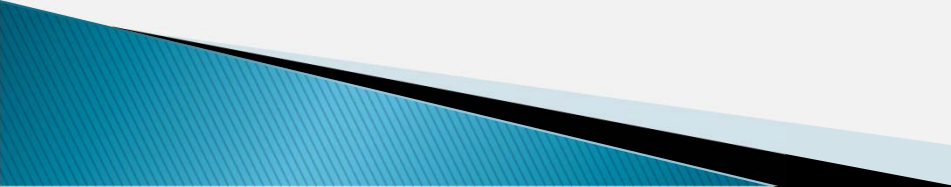
The Nonpoint Source Program in Texas

“Restore and Protect Our Waters”

Jessica Johnstone
Nonpoint Source Program
Texas Commission on Environmental Quality



NPS Program

- 1987 Clean Water Act §319(h) NPS Grant Program
 - Project types:
 - ✓ Developing/writing Watershed Protection Plans (WPPs)
 - ✓ Implementing approved WPPs
 - ✓ Implementation of the Texas Nonpoint Source Management Program
- 

Funding for Projects

TCEQ awards approximately \$2.5 million Clean Water Act Section 319(h) funds annually

Project Funds are 60% Federal/40% Match

Project Costs Range approximately \$90,000–\$700,000 (federal)



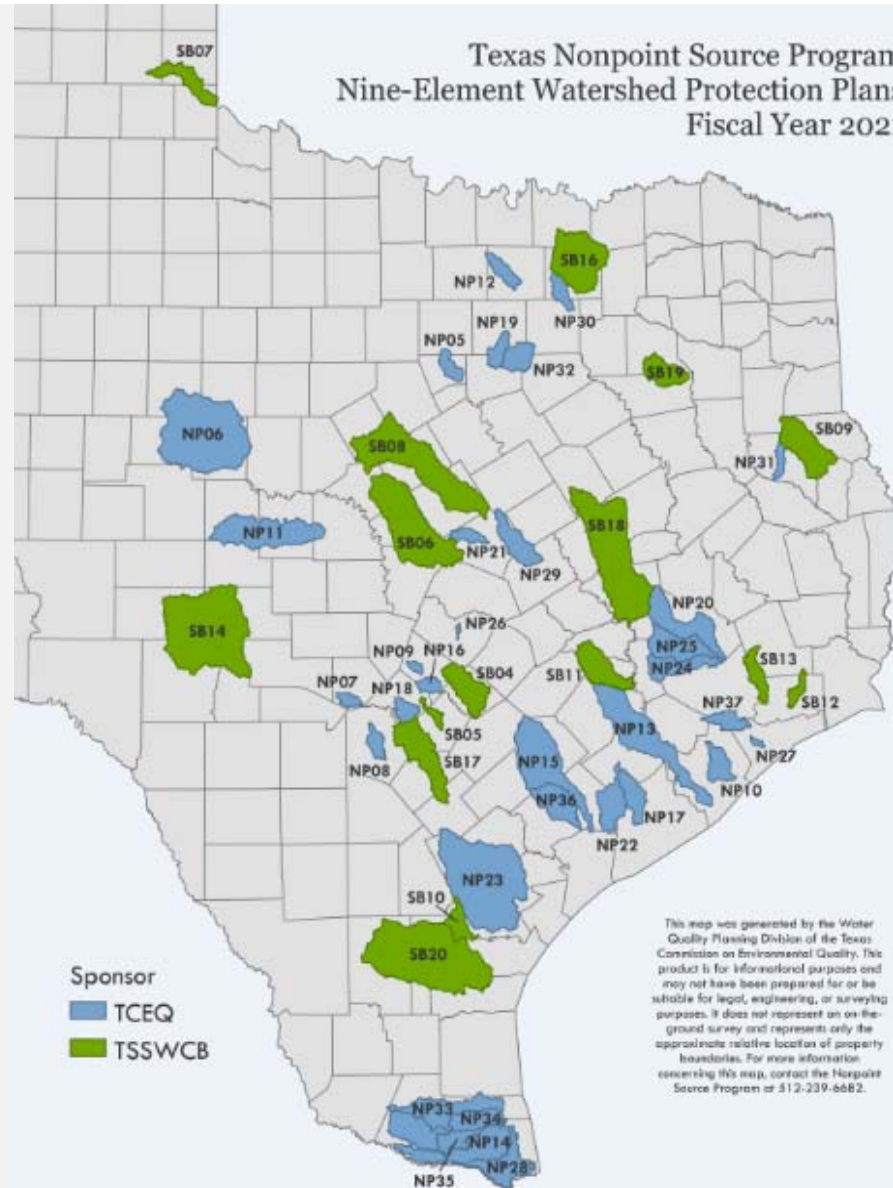
What Is a Watershed– Protection Plan (WPP) ?



Action plan designed with stakeholders to protect priority waters or restore waters.

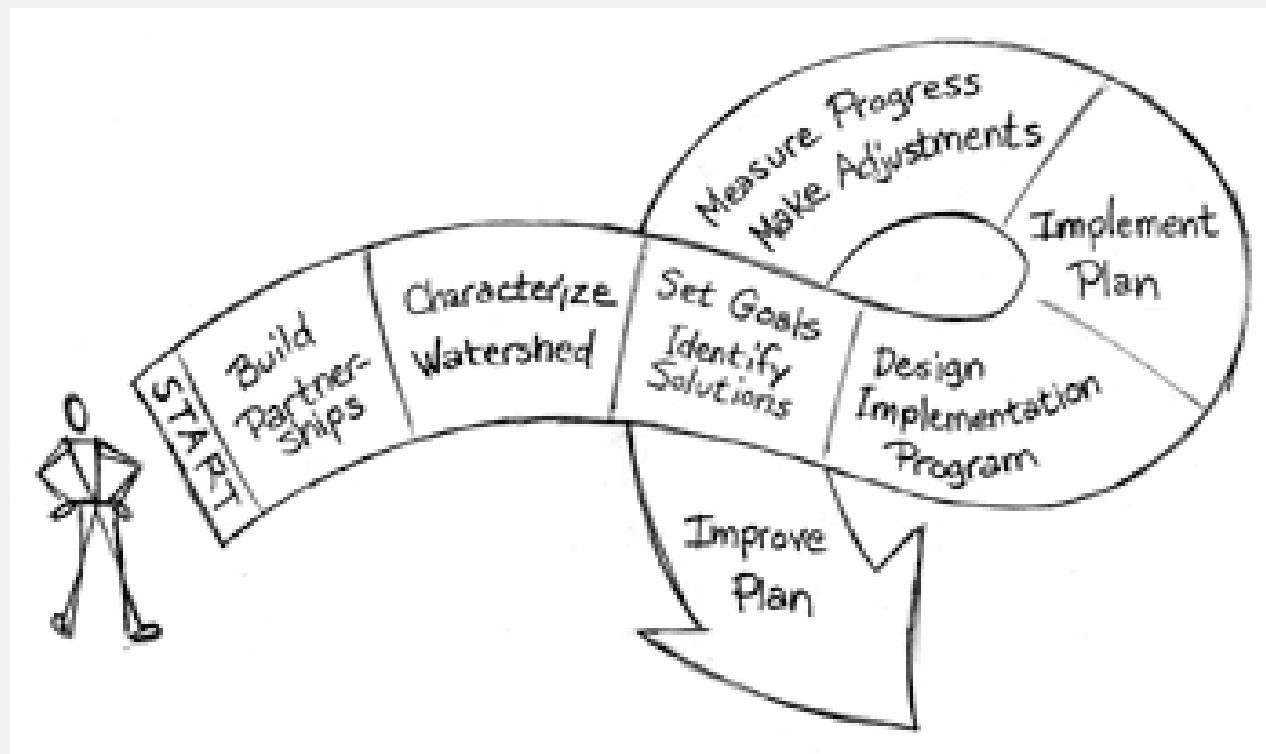
Specific components (9 Elements) required in WPP's.

Texas Nonpoint Source Program Nine-Element Watershed Protection Plans Fiscal Year 2021



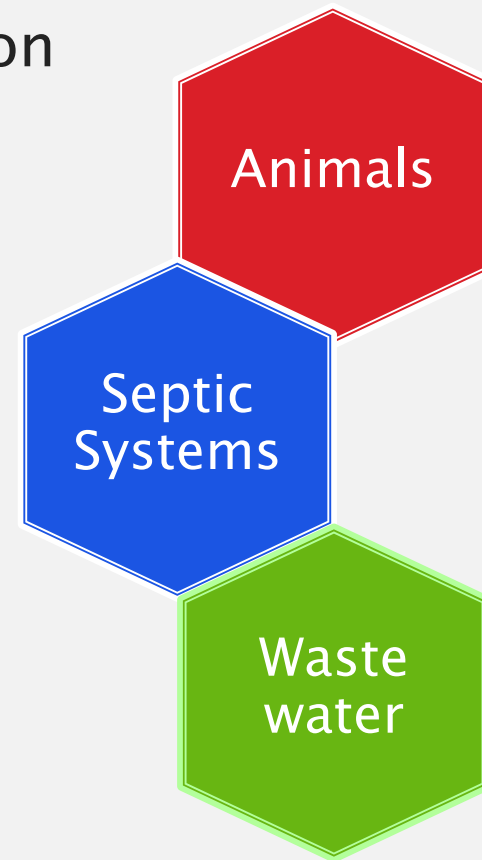
WPPs in Texas

The WPP Process



WPP Development Process

- ▶ Identify Pollutant Loads/Reduction
 - Measured in the field
- ▶ Where is pollution coming from?
 - Determine:
 - Type of source
 - Number of sources
 - Location of sources
 - Pollutant loading per source unit
- ▶ Estimate load reductions



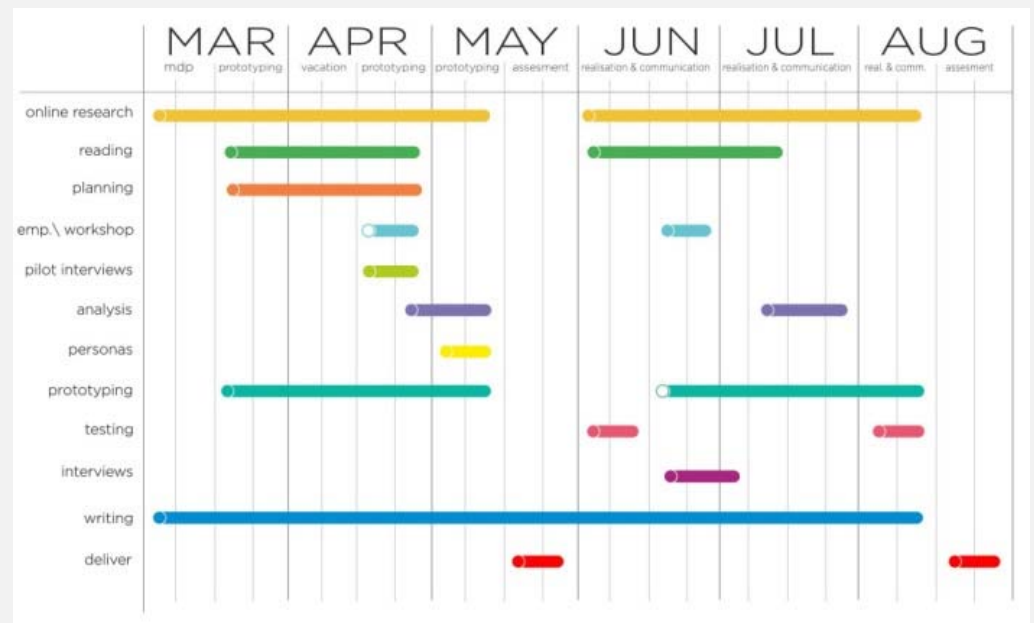
WPP Development Process– Identify Management Measures

- ▶ Best Management Practices (BMPs)
 - Actions that reduce pollution
 - Quantifiable results
 - No overlap with MS4 permit allowed



WPP Development Process– Schedule for Implementation

- ▶ Basic timeline
- ▶ Responsible party
- ▶ Take into account when \$\$ will be available



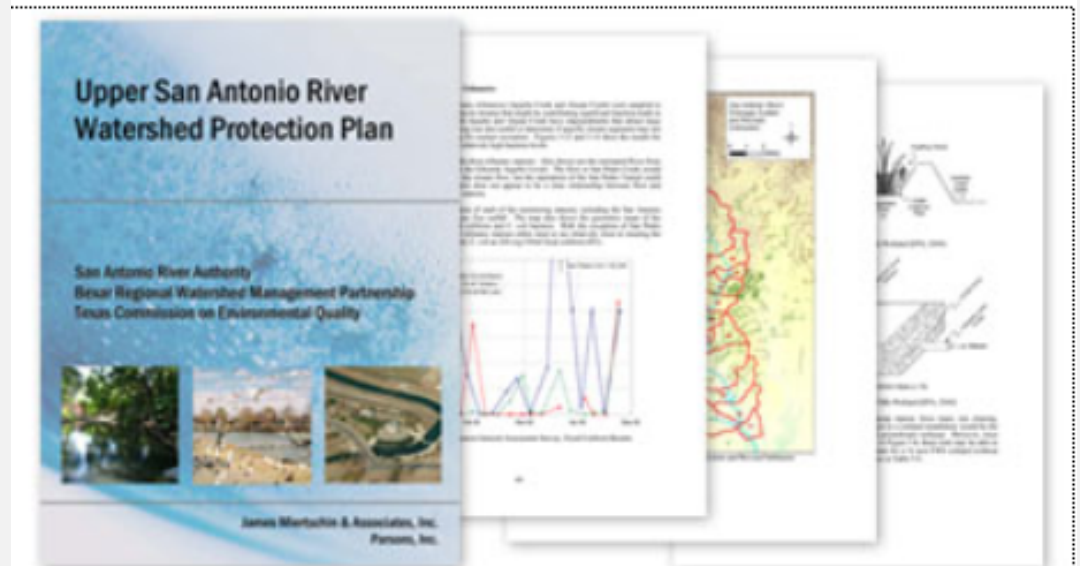
Outcome: Load Reductions

- ▶ Goal of NPS program projects
- ▶ Assess BMP(MM) Effectiveness
 - Monitoring data comparison– before and after implementation
- ▶ E&O reductions may be indirectly calculated
- ▶ Reported to EPA
- ▶ Compare to WPP milestones



Adaptive Management

- ▶ Sustainable group to implement plan
- ▶ Revise WPP strategies, modify plan
- ▶ Reconvene stakeholders; check progress
- ▶ Apply for more funding



Examples of Common BMPs

Pet waste



LID-Rainwater Harvesting



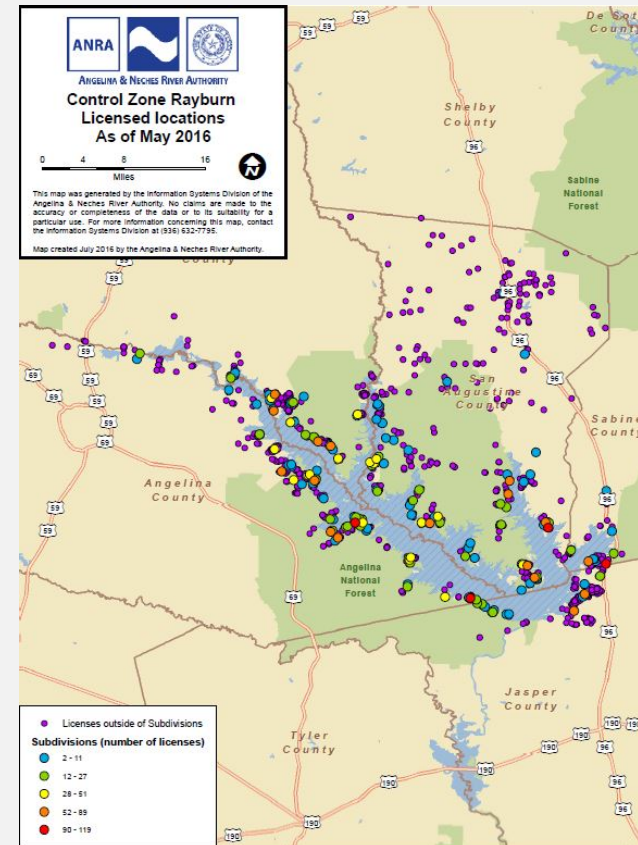
LID-Pervious Pavers



Riparian Restoration and Education



Septic system repair/replacement and database creation



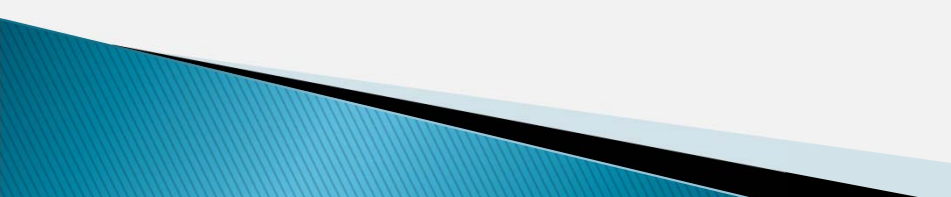
Education and Outreach

Stakeholder involvement through:

- ▶ Trainings and workshops
- ▶ Publications
- ▶ Public Service Announcements
- ▶ Events



Grant solicitation– RFGA

- ▶ Summer 2022
 - ▶ Approximately 12 months from proposal to project kick off.
 - ▶ Federal funds=60% of total project cost. 40% match required.
- 

Matching Funds for Projects

Sources can include:

- ▶ Cash
- ▶ Salaries
- ▶ In-kind
- ▶ Volunteer hours
- ▶ Lab analysis
- ▶ Monitoring from partners

Questions about
match?



We can
help!

Contact Info

➤ www.tceq.texas.gov/waterquality/nonpoint-source

➤ nps@tceq.texas.gov

Sign up for listserv!

Jessica Johnstone

512-239-1019

Jessica.Johnstone@tceq.texas.gov

