



SHOAL CREEK WATERSHED ACTION PLAN

Stakeholder Meeting: April 24, 2019



Welcome & Agenda



April 2 Recap & Goal Statement Reminder

Shoal Creek is a model healthy and resilient urban watershed that benefits people and nature, and is supported by a well-informed and engaged community.



Contact Recreation Target

EPA and TCEQ WPP require water bacteria levels be safe for contact recreation

>90% E.Coli bacteria management is necessary to meet the contact recreation standard



Management Measures

- **April 2 Meeting, we discussed**
 - **Rain gardens**
 - **Rainwater harvesting**
 - **Storm drain inlet filters**
 - **Watershed ordinance**

Other WPP Evaluation

- **Spicewood Tributary to Shoal Creek**
- **Gilleland Creek (eastern Travis County)**
- **North Concho River (San Angelo)**
- **Lower San Antonio River**

Watershed Management Measures

- Grow zones
 - ~25 feet of native plant growth along both banks
 - Catch and filter stormwater runoff before reaching creek
 - Manage stream bank erosion
 - Reduce downstream flooding



Mowed



First Year Growth



5 to 10 Years

Watershed Management Measures

- Dog waste education in parks
 - “Friends of Austin Dog Parks” kiosk in off leash areas.
- Scoop the Poop initiative runs ads on TV, newspaper, radio



Watershed Management Measures

- Pet waste bag dispensers
 - ~38% of households own dogs
 - Identify parks that don't have pet waste bag dispensers
 - 1,500,000 bags provided annually to all Austin parks



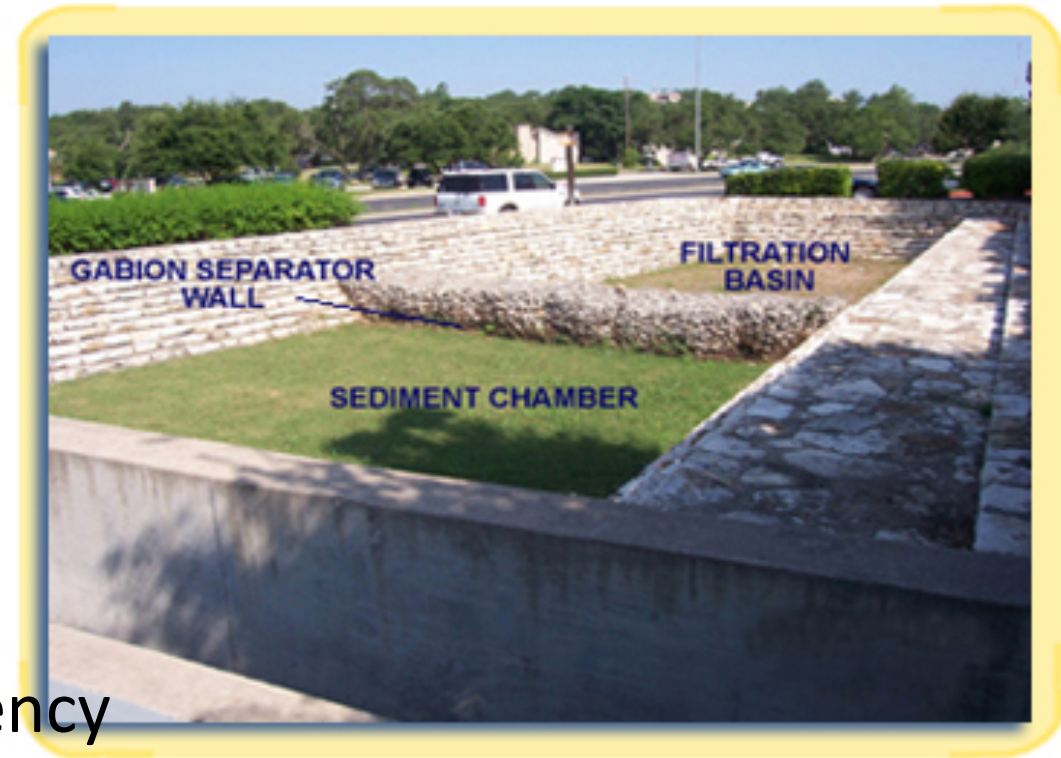
Watershed Management Measures

- Community Communication Plan
 - Homeless outreach programs
 - AISD education programs and events
 - Clean Creek Campus, Earth Camp, Earth School etc.
 - Advertisement (TV, Radio, newspaper etc.)



Watershed Management Measures

- Inspect City and Commercial Water Quality Basins
 - Sediment and vegetation build-up
 - Inlet/outlet blockages
 - Clearing of trash racks, pipe risers and excessive trash
 - Most facilities inspected every 1-3 years
 - Additional resources can increase frequency



Watershed Management Measures

- Street sweeping
 - Reduces pollutant load in runoff
 - Daily sweeping downtown
 - Once per month sweeping of major thoroughfares
 - Twice per year of residential areas
- In 2018, City's Austin Resource Recovery collected 4,817 tons (almost 10 million pounds!)



Watershed Management Measures

- Streambank Stabilization – Concho River
 - River bottom sediments removed
 - Bank stabilizing boulders (Rip-Rap)
 - Grading slopes for reduced erosion



Concho River Stabilization



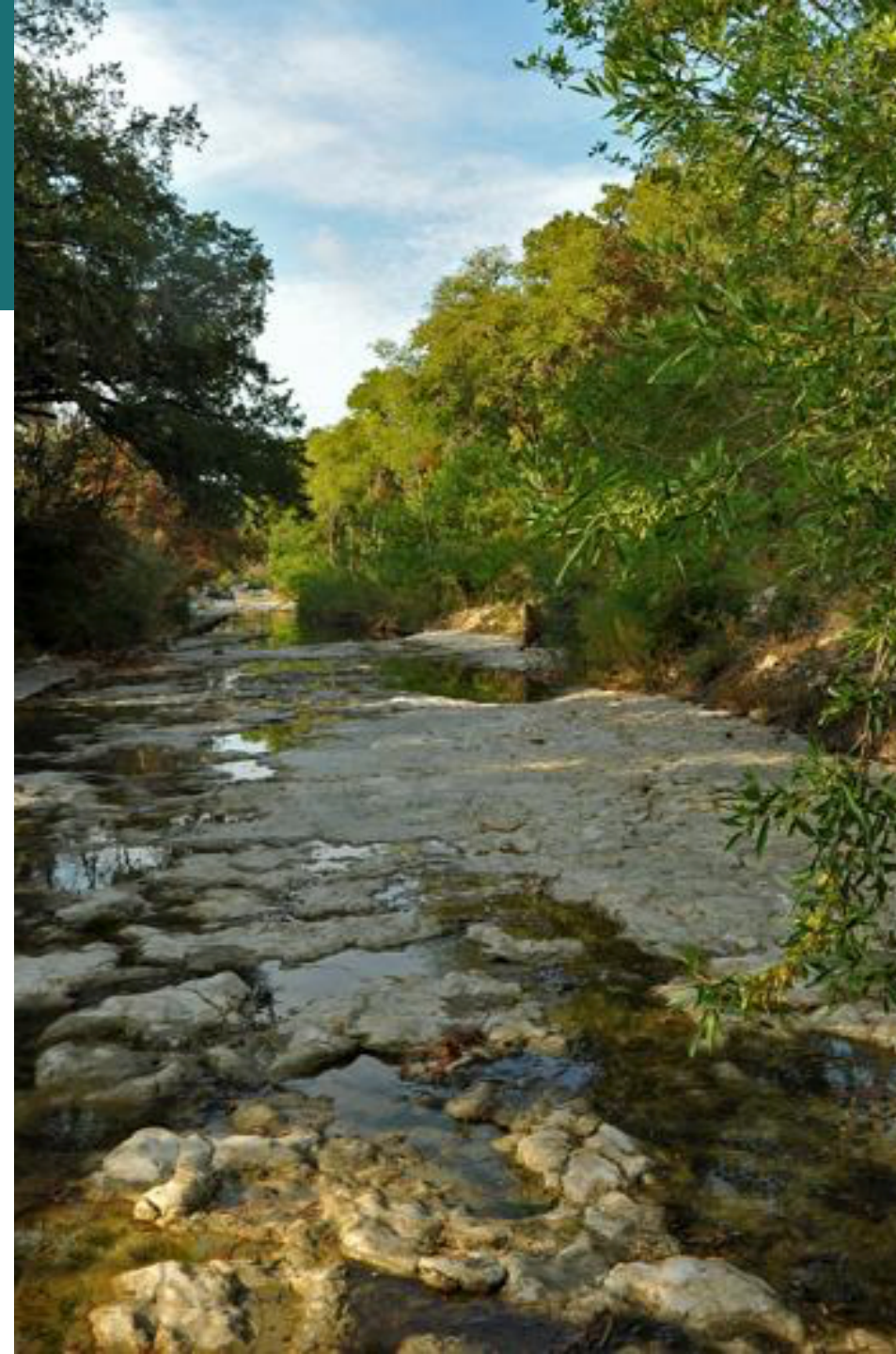
Working Group Breakout

Groups:

- Water (*Leader: Jennifer Walker*)
- Land Stewardship (*Leader: Ranleigh Hirsh*)
- Education & Outreach (*Leader: Ryan Spencer*)
- Implementation (*Leader: Joanna Wolaver*)

Today:

Continue Management Measures Discussion





Wrap-Up & Public Comments

Partners



And Shoal Creek Stakeholders

This cooperative project is funded in part by the Texas Commission on Environmental Quality (TCEQ) through a United States Environmental Protection Agency (EPA) grant.