

Protection Plans in Texas

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Texas Commission on Environmental Quality

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Cypress Creek



Upper San Marcos River



Cypress Creek



Upper San Marcos River

Similarities

- ▶ High recreational use
- ▶ High tourism
- ▶ Centrally located in an urban area
- ▶ Passionate local stakeholders
- ▶ Spring fed, sensitive to drought conditions
- ▶ Unimpaired at the time of plan development
- ▶ 9-element watershed-based plan
- ▶ Multiple local stakeholder groups involved in plan development
- ▶ Local governments involved



Stakeholder targets under future conditions

	Nitrate (mg/L)	TSS (mg/L)	<i>E. coli</i> (cfu/100mL)	24-hr DO (mg/L)
TSWQS ¹ or screening level	1.95	5.0	126.0	>6.0
Cypress Creek (stakeholder goals)	1.65	5.0	126.0	>6.0
Upper San Marcos River (2025 target)	1.775	4.5	113.4	6.6
Upper San Marcos River (2035 target)	1.60	4.0	101.0	7.2

¹ Texas State Water Quality Standards

Other stakeholder concerns included oil and grease, impervious cover, and water conservation for increased spring flow



Implementation

- ▶ Ongoing stakeholder engagement
- ▶ Education and outreach at community events to reach recreators
- ▶ Local government involvement
- ▶ Green infrastructure



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