



Edwards Aquifer Protection Program Water Quality Initiatives



PARKS & RECREATION
SAN ANTONIO

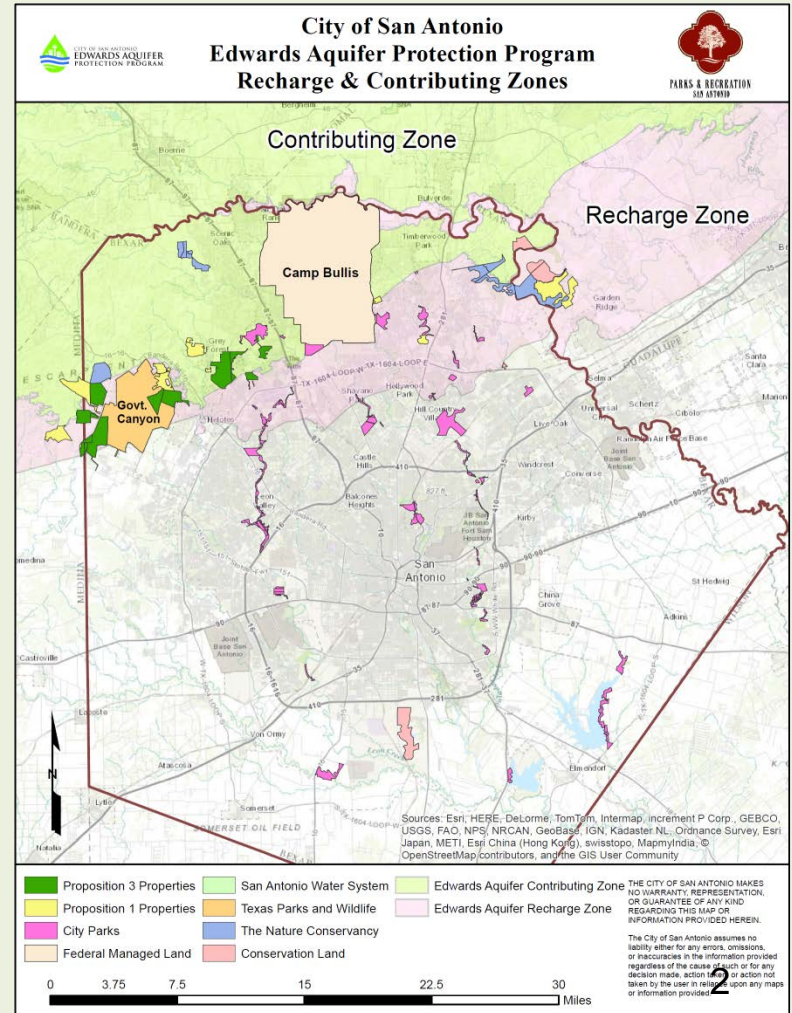
City Council

September 21, 2017

Parks and Recreation Department

Background

- May 2015 – Voters renew Proposition 1 sales tax for aquifer protection
- \$10 million dedicated for water quality projects specifically in urbanized areas of Bexar County over the aquifer Recharge or Contributing Zones



Qualifying Projects

- Must be over the recharge and contributing zones in Bexar County
- Seek to improve water quality in areas that do not meet or exceed current TCEQ standards
- Accommodate pre- and post- project implementation assessment

Background



Project Selections

Project #1: New Construction / Retrofit / Research	Funding Request
Greater Edwards Aquifer Alliance & Tetra Tech: Proposal Stormwater Retrofit and Research Project (treatment and detention of stormwater in Lorence Creek watershed and monitoring of pollution loads from adjacent residential neighborhood)	\$351,474
Project #2: Research / Studies / Data	Funding Request
University of Texas at San Antonio: Tracking the Primary Sources of Fecal Pollution in the Recharge and Contributing Zones of the Edwards Aquifer Using Molecular Tools	\$692,452

Total: \$1,043,926



Recommendation

- **Staff recommends approval**