



Edwards Aquifer Protection Program Water Quality Initiatives



PARKS & RECREATION
SAN ANTONIO

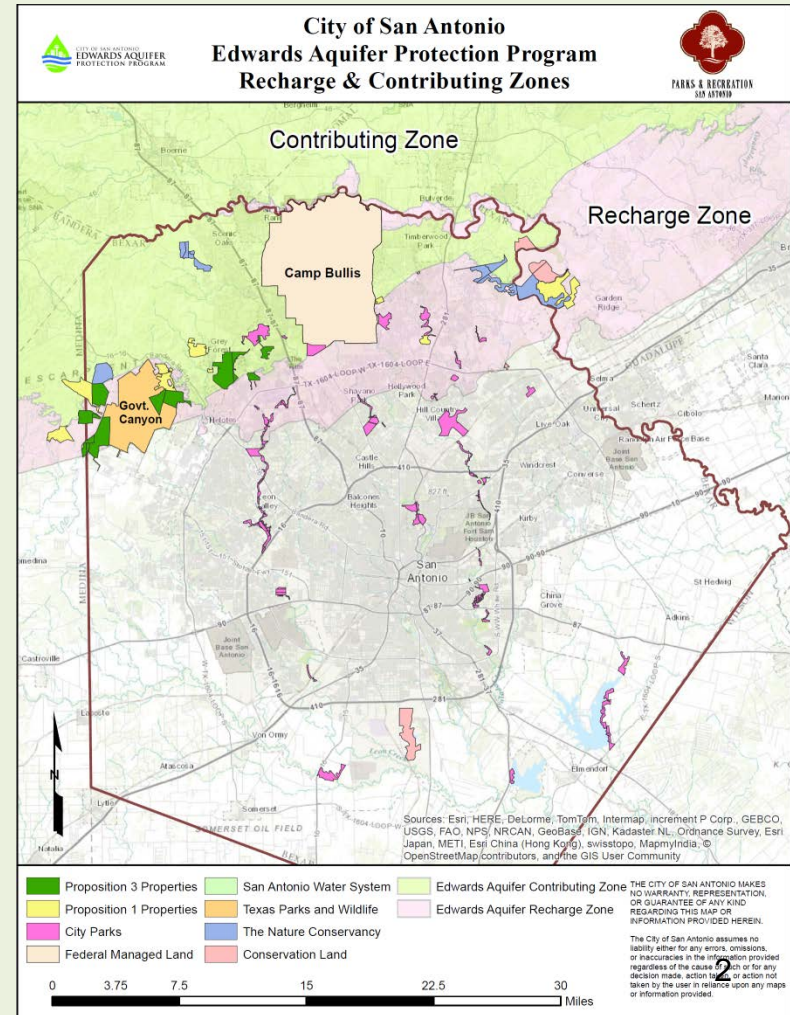
City Council

December 14, 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
University of Texas at San Antonio: Rooftop Harvesting and Stormwater Disbursement over the Edwards Aquifer Recharge Zone: A Retrofit for Previously Untreated Impervious Cover	\$1,057,401

Project #2: Research / Studies / Data	Funding Request
Southwest Research Institute: Evaluation of Wastewater Disposal in the Recharge and Contributing Zones of the Edwards Aquifer Using a Coupled Surface-Water/Groundwater Model	\$530,398

Total: \$1,587,799

A photograph of a small waterfall cascading into a pool of water. The water is clear and greenish, with some white foam at the base of the waterfall. There are green leaves and branches in the foreground on the left side. The background is a blurred natural setting.

Recommendation

- **Staff recommends approval**