

GREATER EDWARDS AQUIFER ALLIANCE (GEAA)

Summary of Stormwater UDC recommendations are based on the following SA 2020 Goal:

Implement the "Natural Resources and Environmental Sustainability Goals:

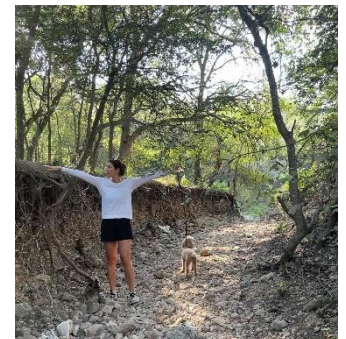
- NRES Goal 1: San Antonio protects the natural environment and ensures sustainable land use and development.
- NRES Goal 6: San Antonio is a national leader in storm water management best practices and low impact development (LID) design.
- NRES P19: Continue to manage the capacity and transmission capabilities of the storm drainage network to prevent degradation of natural resources.
- NRES P20: Encourage preservation of 100-year floodplains as natural drainage ways without permanent construction, unnecessary straightening, bank clearing or channeling.



Erosion of Mud creek within Mc Allister Park due to runoff from development

GEAA Recommendations:

1. APPENDIX H - STORM WATER DESIGN CRITERIA MANUAL recommendations will reduce the discharge velocities that are responsible for the loss of resiliency and function to our streams and rivers and improve their water quality while protecting downstream properties from flooding.
2. FLOODPLAIN Sect 35 amendments will bring true protection to the 100 yr floodplain while creating flood resiliency to reduce need for more flood control projects.
3. PARKLAND DEDICATION amendments will not only address the shortage of parks within the city, but will ensure that dedications will increase the city's open green space. This open space will continue to provide air and water quality while reducing stormwater runoff in a manner to provide lasting outdoor recreational opportunities and safer pedestrian access along major streets.
4. INFILL Sect 35 will ensure that 1.5" of stormwater will not only be filtered to improve water quality but also removed from entering the City's already "under capacity" drainage system during a rain event while protecting existing abutting properties.



Downcutting of Mud creek within Mc Allister Park



Erosion and destruction of floodplain on Olmos creek within Olmos Park due to runoff from development



Sediment deposition in Salado creek's floodplain caused from development