

Table 2c. Axtell Creek Subwatershed Goals

Designated Uses Currently Being Met	Protection Goals
Warmwater fishery (very few segments)	Improve habitat, reduce flashiness and implement BMPs to reduce all types of loading for maintenance and expansion of the fishery.
Other indigenous aquatic life/wildlife (headwaters)	Increase use of natives and preferred landscape materials for buffer strips; protect existing positive habitat features.
Threatened Uses	Improvement Goals
Warmwater fishery (most segments)	Prevent additional storm water volumes and related impacts due to impervious surfaces through use of BMPs and innovative infiltration options; prevent further degradation of resource through zoning, land use and site planning efforts.
Impaired Uses	Improvement Goals
Other indigenous aquatic life/wildlife (most segments)	Reduce sediment, nutrient and other excessive loading as well as peak flows and implement a naturalization, restoration projects.
Partial body contact, recreation	Restore limited educational/recreational use (especially in school area) by reducing nutrient and other loading as well as providing increased access opportunities

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Desired Uses Threatened/Impaired*	Improvement Goals
Native vegetation/naturalization	Enhance natural vegetation and diversity through recommended vegetation for planting in commercial and residential riparian areas, education materials, and a targeted, selective program for restoration efforts.
Unique habitat and natural buffers	Identify critical habitat areas and ways to protect them; encourage use of native species creative bank erosion, stabilization controls and treatments.
Aesthetic and community amenity	Ensure that all redevelopment and new development incorporate this desired use concept thru zoning and/or ordinances; bring citizens closer to the creek to appreciate it as a resource.
Flow control (capacity)	Reduce peak flows. Increase storage capacities.
Flow capability (transport)	Reduce impact of natural materials that cause flow restrictions through erosion control, bank stabilization and maintenance measures; alter man-made restrictions (pipes, culverts, etc.).
Flood prevention and control of stormwater	Make appropriate changes to non-structural and structural storm water management controls.
Public water supply, groundwater	Protect supply through zoning, design standards, wellhead protection, surface water recharge, educational materials and sustainable use.
Public access and education	Maintain all existing locations; identify, plan and develop specific programs and locations for improved public access and protect with permanent easements, include signage and auto-tutorial educational elements; directly involve Middle School with outdoor education opportunities and provide hands-on activities.

** All involve a “greater awareness and appreciation of resources” through education*