

High Priority Restoration and Mitigation Actions

Comal

Establishment of riparian zones (park, public, private, golf course) - removing non-natives (lugustrum and cane/reed) planting natives, limiting access to reduce trampling, and establish no mow zones.
Removal of Ramshorn (<i>Marisa cornuarietus</i>) and <i>Melanoides tuberculatus</i> snails.
Elephant Ear (<i>Xanthosoma sagittifolium</i> and <i>Colocasia esculenta</i>) removal and replacement with native vegetation.
Stop or limit aquarium "dump" introductions.
Regulation of bait species used in Landa Lake - coordinating with local bait shops, kiosk signage, and enforcement.
Implementation of best management practices to address stormwater runoff in and around Landa Lake; could include stormwater retention ponds, rain gardens, wetlands, and storm sewer filters.
Development of household hazardous materials collection program and increased awareness about discarding household hazardous materials (including pharmaceuticals).
Implement an aerobic and anaerobic septic system registration, evaluation, and permitting program to prevent subsurface pollutant loadings from potentially being introduced to the spring ecosystem.
Land acquisition throughout the watershed and recharge and contributing zones for conservation and green space; acquired land should fit the overall goals of the EARIP.
Conversion of impervious cover to pervious cover.

San Marcos

Increase enforcement of park rules: especially aquarium dumping
Include land owners in riverside riparian management
Reintroduce native riparian vegetation
Create buffer zone along rivers edge
Create emergency plan incase of dam failure
Annual monitoring of biota
Remove invasive plants
Remove invasive animal species
Control non-migratory waterfowl

Restoration of riparian zones along tributaries (Blieders, Panther, Dry Comal) and entire watershed, including removing non-natives, planting native vegetation, bank stabilization, and possible wetland creation.

Establishment of Aggressive and Frequent Water Quality Monitoring (surface and ground) that considers location, time of day, day of week, time of year, and all water quality parameters.