River Run Network: Lower Tanque Verde Creek Streamshed
|| Priority Actions || October 2016 ||

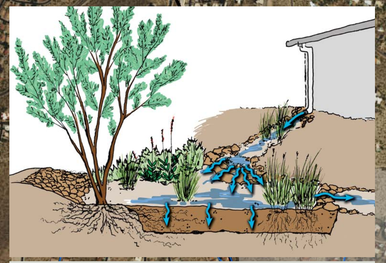
High Priority Actions:

(1) Reduce groundwater demands along the creek to help restore and maintain groundwater levels within 3-10 feet of the channel bed surface during dry periods.

(2) Stabilize eroding tributary arroyos while promoting stormwater infiltration to enhance groundwater recharge from urban runoff with each storm event.

(3) Remove invasive, non-native plants along the creek corridor including Giant reed (*Arundo donax*).

A one-rock-dam restores degraded arroyos and slows stormwater flows which may enhance aquifer recharge.



Raingardens collect and infiltrate rainwater in your landscape. This reduces irrigation, promotes native plants and wildlife, and may enhance aquifer recharge. Tucson Water customers can participate in a rainwater harvesting incentive program.

The Lower Tanque Verde Creek area is rich in history and once had an abundance of flowing water that supported communities. Reduced groundwater use in this zone is key to stabilizing and restoring aquifer levels for a secure water future.

In the last 10-15 years, declines in the groundwater levels due to pumping and drought has resulted in significant loss of cottonwood trees and other riparian trees in this area.

N Craycroft

E River Rd

N Larrea Ln

E Cloud Rd

Rillito River

Tanque Verde Creek

Pantano Creek

Sabino Creek

E Grant Rd

N Kolb Rd

(1)

(2)

(3)

- Tucson or Metro Water Wells
- Non-Reporting Well
- Reporting Well
- Golf Courses
- Schools
- Parks
- Arroyos
- Major Creeks

Groundwater Conservation Priority Areas

- High Potential to Reduce Groundwater Demand
- Low-Moderate Potential for Groundwater Savings

Groundwater Recharge Priority Areas

- High Arroyo Recharge Potential
- Arroyo Restoration Potential
- High Infiltration Potential
- Low Infiltration Potential
- Streamshed Boundary

Map scale 1:12,000

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