

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

E Sunrise Dr



Restoration of the channel in Lower Sabino Creek can help to reconnect the incised channel to the adjacent floodplain. This will promote infiltration, recharge, and provide flood reduction benefits. [Photo: B. Hughes]



A failing sewer line grade control structure is currently preventing a headcut from continuing upstream lowering the channel bed. (See high priority action #2)

High Priority Actions:

- (1) Protect failing grade control structure (rock gabion dam)
- (2) Restore channel bed downstream of grade control structure to confluence with Tanque Verde Creek using natural channel design strategies
- (3) Follow up invasive plant treatments along the length of Lower Sabino Creek to prevent Giant reed (*Arundo donax*) from regaining dominance over native plants

N Sabino Canyon Rd

N Bowes Rd

E Snyder Rd

N Harrison Rd

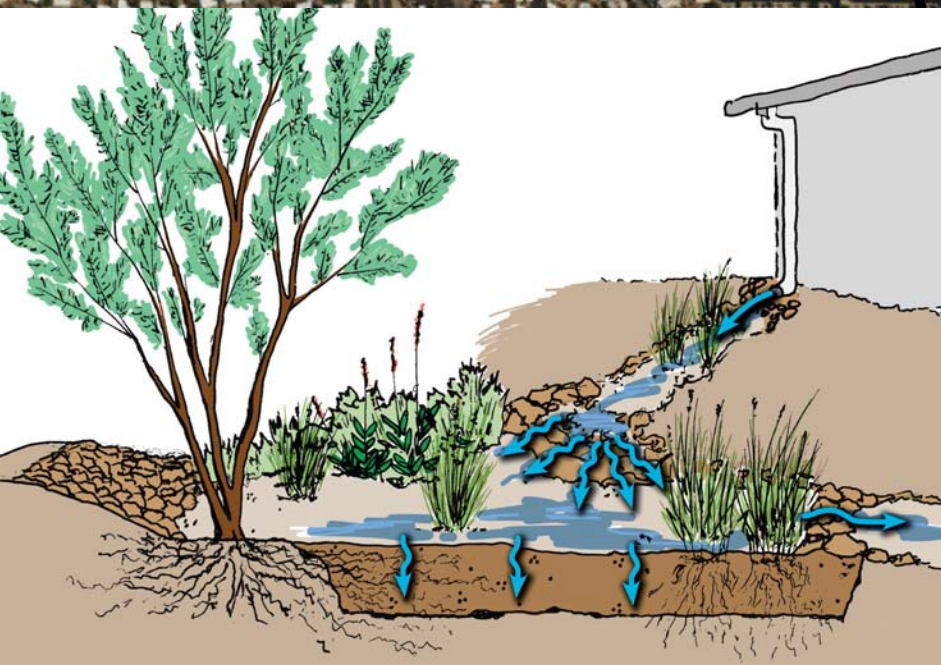
N Larrea Ln

E Cloud Rd

N Bear Canyon Rd



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 and Metro Water customers can participate in a rainwater harvesting incentive program.



Groundwater conservation during dry seasons or low rainfall years is helpful to stabilize groundwater levels critical to flow in the creek and supporting riparian trees (e.g. cottonwoods, sycamores, and ash trees) along the creek.

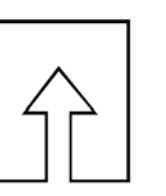
- Tucson or Metro Water Wells
- Non Reporting Well
- Reporting Well
- Golf Courses
- Schools
- Parks
- ~ Arroyos
- ~ Major Creeks

Groundwater Conservation Priority Areas

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

Groundwater Recharge Priority Areas

- ▭ Arroyo Restoration Potential
- ▭ High Arroyo Recharge Potential
- ▭ High Infiltration Potential
- ▭ Low Infiltration Potential
- ▭ Streamsheds



Map scale 1:12,000