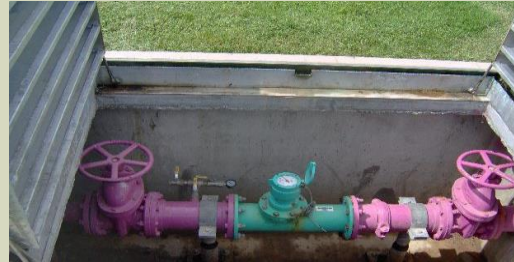


South Recharge Facility

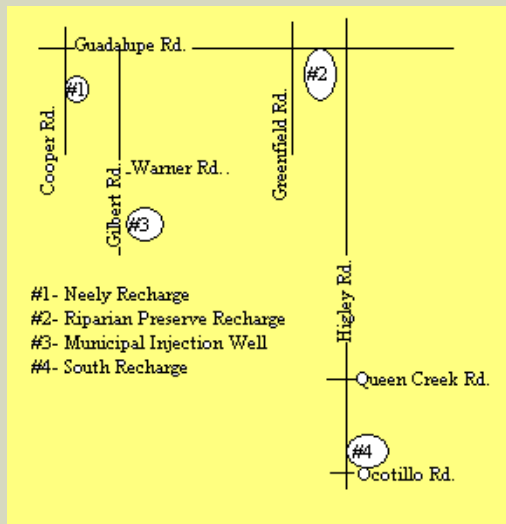
The South Recharge Facility (9 MGD) is located on the east side of Higley Road between Queen Creek and Ocotillo Roads. This is another percolation-basin type of facility that has triangle-shaped basins fed by a large concrete-lined canal. There are tree-lined gravel paths along the canal and the perimeter of the site. A parking area is provided along Higley Road. Restrooms and drinking fountains will be provided in the near future.



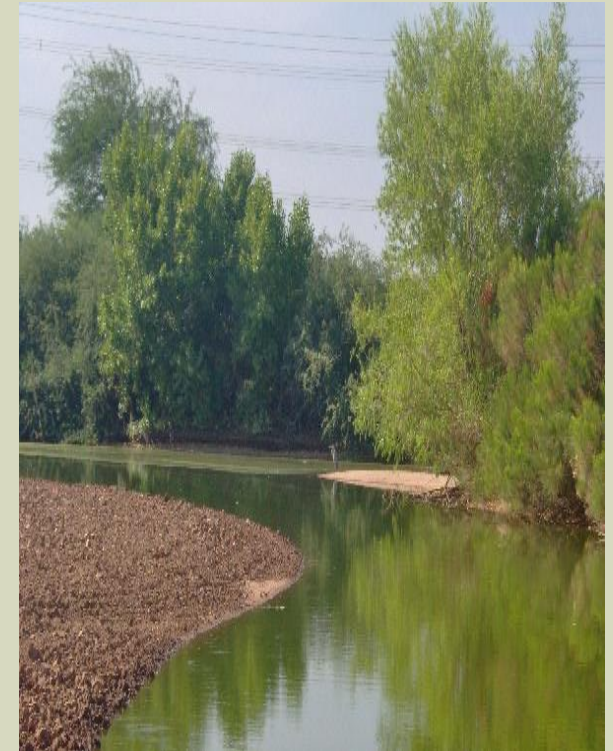
Municipal Injection Well Facility (2MGD)



Gilbert Locations



GILBERT RECHARGE



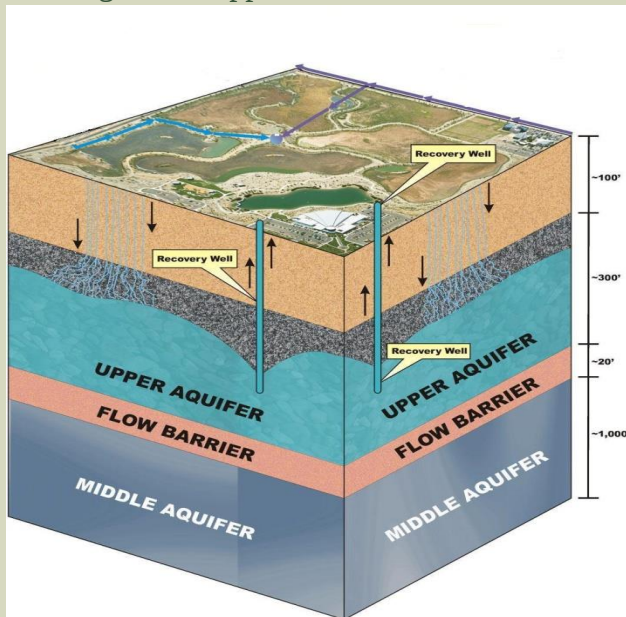
Recharging for the future

Public Works (480) 503-6400

Parks (480) 503-6200

Aquifer Recharge

All wastewater travels through the sewer system and ends at the Wastewater Treatment Plants. The water goes through nitrogen removal, filters and disinfection. This Class A+ reclaimed water is used on large turf areas for irrigation. The remainder is sent to Gilbert's Recharge Facilities. At the percolation-basin recharge sites, the water is distributed to a series of basins that are on a scheduled rotation of filling, percolating and drying (to disk). When the water percolates, it filters through the different layers of soil until it reaches the upper aquifer. Some of the water recharged in Gilbert is used by recovery wells to feed water ski lakes and HOAs. The recharged water that remains after the recovery well use is "banked" in the aquifer for future drinking water supplies.



Neely Recharge

The Neely Recharge Facility (1 MGD) is located on the east side of Cooper Road between Guadalupe and Elliot Roads. This is a percolation-basin type of facility that has rectangle-shaped basins fed by a concrete canal and underground pipe. A parking area is provided along Cooper Road. Although public access into the facility is prohibited (this reclaimed water is not disinfected), a shaded viewing ramada is adjacent to the parking area. Several of the recharge basins at this facility also contain raised solar panels that produce two Mega Watts of power. Restrooms and drinking fountains are not available.



Riparian Preserve Recharge Facility

The Riparian Preserve (8 MGD) is located on the south side of Guadalupe Road between Greenfield and Higley Roads. This is a percolation-basin type of facility that has polygon shaped basins fed by underground piping and a stream fed from a central distribution point. A parking area is provided along Guadalupe Road. Trails and utility roads circle each basin and the facility perimeter. Restrooms and drinking fountains are available near the parking lot and in the center of the facility.

