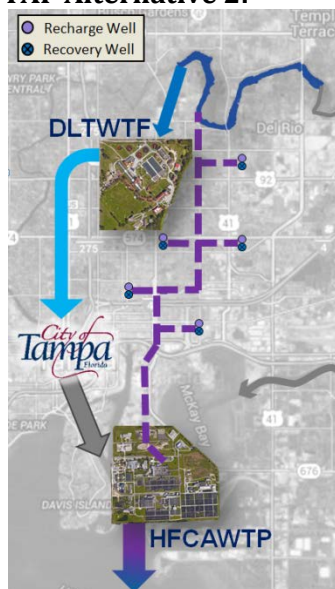




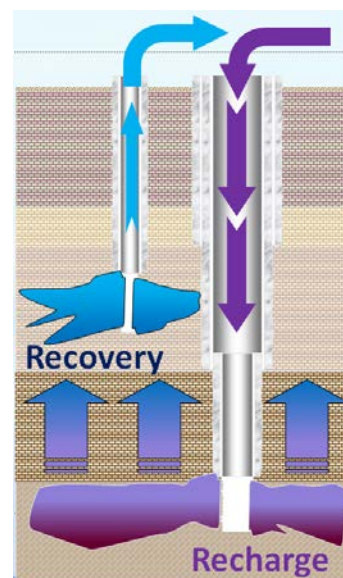
Tampa Augmentation Project (TAP)



- **Project Goal:** Determine the feasibility of using natural treatment systems to further purify reclaimed water from the Howard F. Curren Advanced Wastewater Treatment Plant (HFCAWTP) to provide a new, safe and sustainable source of potable water for the Tampa Bay region.
- **Project Background:** Drinking water supplies are limited in our region as most of our region's rainfall occurs during five months of the year. The City's primary water supply from the Hillsborough River Reservoir is greatly reduced during the dry season. Yet highly treated reclaimed water from HFCAWTP is mostly discharged into Hillsborough Bay unused. The City was motivated to proactively reuse its highly treated reclaimed water as an alternate water supply resource to respond to impact of periodic droughts on the City's drinking water supply and increased demands on regional sources from Tampa Bay Water.
- **TAP :**
 - o May provide a new, safe, local, cost-effective, drought-resistant and sustainable source of drinking water for the Tampa Bay region.
 - o Could help to protect and enhance important environmental resources such as the Hillsborough River, Hillsborough Bay and Tampa Bay.
 - o Could enable Tampa to manage its water resources for the highest and best use.
- **TAP Alternative 1:** Investigate feasibility of delivering reclaimed water to constructed wetlands treatment system and/or Rapid Infiltration Basins (RIBs) adjacent to Tampa Bypass Canal (TBC) for improving groundwater and surface water levels which in turn may increase recharge to the TBC. Preliminary results indicate that this Alternative will not be cost-effective due to lower than desired yield potential.
- **TAP Alternative 2:**



- o Investigate feasibility of using a recharge/recovery system to treat, store and recover reclaimed water in the Florida Aquifer System (FAS) for subsequent delivery to the Hillsborough River Reservoir or directly to the water intake system of the David L. Tippin Water Treatment Facility (DLTWTF).
- o Efforts have focused on this Alternative based on positive preliminary findings.



- **Project Budget:** \$3 Million
- **SWFWMD Cooperative Funding:** up to \$1.5 Million
- **Project Timeline:**



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