

Wesley Chapel Center WWTP Expansion Phase 1

Pasco County Utilities Administration



Background information

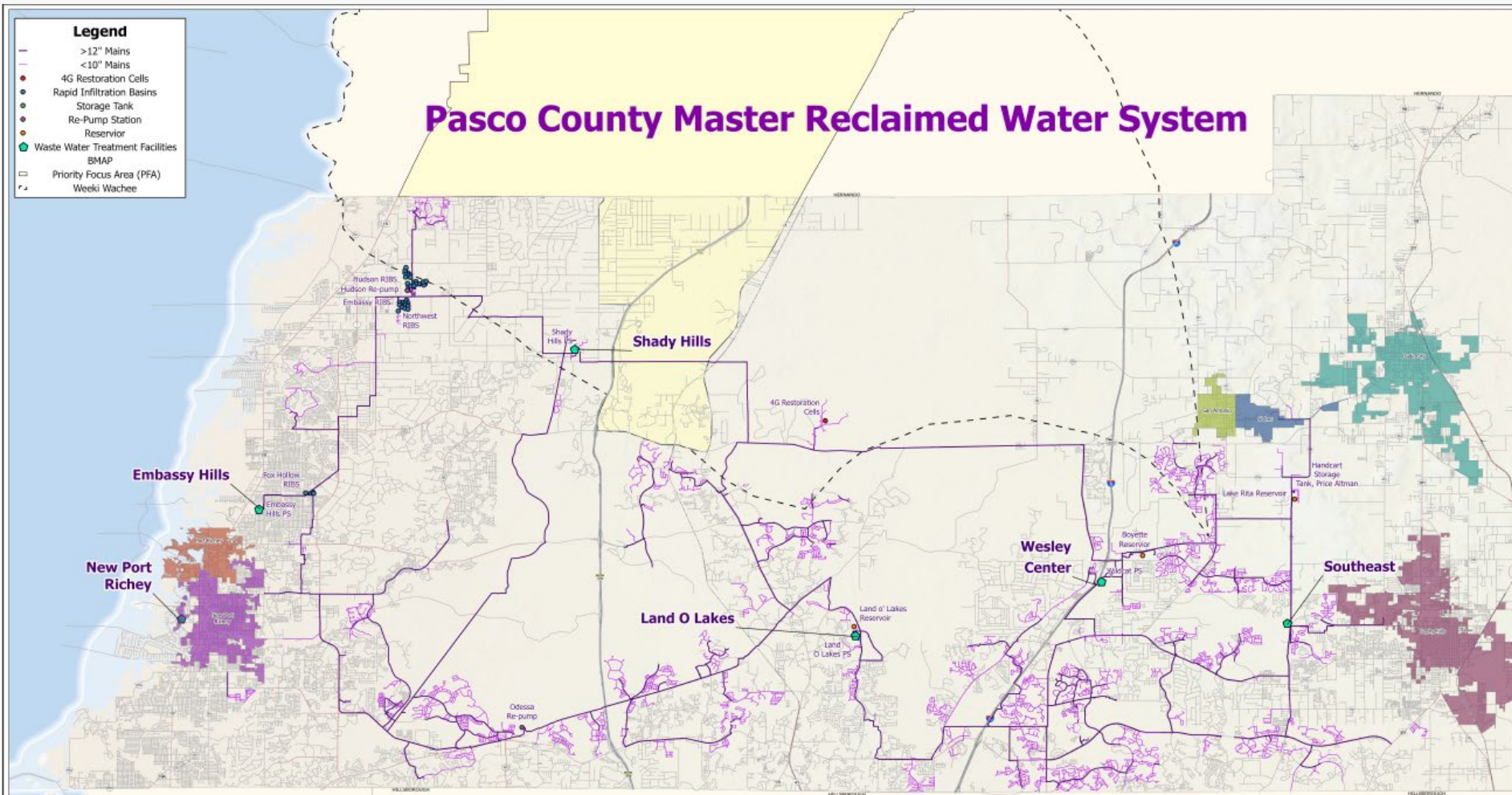
- The latest flow projections of February 2024 for the facility, it has been determined that the facility should be expanded to increase its capacity to meet future demands.
- The facility will be expanded from 9.0 million of gallons per day (MGD) to 13.5 MGD.
- The expansion of the facility will incorporate advanced wastewater treatment to comply with the FDEP requirement of Total Nitrogen (TN) concentration below 3 mg/L at the effluent.
- Total ask: \$7M with a \$2M match.



Area Map



Reclaim Water Asset Map



Project Benefit



- Estimated 27,648 lbs per year in total nitrogen reduction for total reclaimed system.
 - Total Nitrogen is currently around 8.5 mg/L.
 - Expansion would bring it down to 3 mg/L.
- Would meet projected demands for the next 20 years.
- Would provide more reclaim water, saving potable water resources.





Questions?



