

| Agenda Item | cover sheet

for consideration by the Apex Town Council

Item Type: CONSENT AGENDA

Meeting Date: September 9, 2025

Item Details

Presenter(s): Jonathan K. Jacobs, P.E., CFM, Assistant Director

Department(s): Water Resources

Requested Motion

Motion to Approve a Memorandum of Understanding (MOU) between the Towns of Apex, Cary, and Holly Springs, to Perform Two (2) Engineering Studies to Evaluate the Feasibility of Supporting Additional Wastewater Capacity Needs for Apex and Holly Springs at the Western Wake Regional Water Reclamation Facility (WWRWRF)

Approval Recommended?

Yes

Item Details

In May 2024, NCDEQ published a regional water and wastewater infrastructure concept plan along the US 421 Corridor in Central North Carolina, known as the "US 421 Corridor Study." The US 421 Corridor study highlighted the Western Wake Partnership (Cary/Apex) and ongoing master planning for future expansion efforts at the Western Wake Regional Water Reclamation Facility (WWRWRF), which could provide regional wastewater options for the Town of Holly Springs. The Town of Holly Springs is currently exploring multiple options for their future wastewater needs highlighted in the US 421 Corridor Study, including partnership opportunities within the existing Western Wake Partnership.

The proposed MOU authorizes the Town of Cary to execute contracts with both Jacobs Engineering (Jacobs) and HDR Engineering (HDR) to further explore partnership and buy-in options for the Town of Holly Springs. In addition to studying partnership and buy-in options for the Town of Holly Springs, Jacobs and HDR will evaluate the existing partnership model and the respective ownership percentages ahead of the future WWRWRF expansion to 30MGD.

This study will provide the existing partnership, between Cary and Apex, options for increasing the Apex proportionate share of ownership (34%) at WWRWRF to secure future wastewater needs for Apex based on Apex's Long-Range Water Resources Plan completed in 2023. Under the proposed MOU, the total cost to

perform the two (2) engineering studies is \$400,000, with the Town of Holly Springs Responsible for 50% and the Western Wake Partnership responsible for 50%. The Town of Apex would be responsible for a total of \$68,000, or 34% of the Western Wake Partnership's portion.

Attachments

- CN8-A1: Proposed Memorandum of Understanding - Perform two (2) engineering studies to evaluate the Feasibility of Supporting Additional Wastewater Capacity Needs for Apex and Holly Springs at the Western Wake Regional Water Reclamation Facility (WWRWRF)
- CN8-A2: Jacobs Scope of Work - Joint MOU Apex, Cary, and Holly Springs - Engineering Studies
- CN8-A3: HDR Scope of Work - Joint MOU Apex, Cary, and Holly Springs - Engineering Studies

