

MEMO

To: Residents of Harris County WCID 119
From: Harris County WCID No. 119 – Board of Directors
Date: June 13, 2022
Re: Wastewater Treatment Plant Replacement Project Summary

The existing wastewater treatment plant for Harris County Water Control & Improvement District No. 119 (the “District”) was constructed in the 1970s. The plant is located at 8702 Green Hollow Lane, Spring, TX 77379 and sits in the Memorial Creek subdivision. Due to the age of the facility and deteriorating condition of its existing equipment and infrastructure, the Board of Directors of the District authorized the District’s Engineer, A&S Engineers, Inc., to commence the design and replacement of the wastewater treatment plant. The project will be funded by bonds, the issuance of which was authorized by the District’s voters in the recent bond election. The projected construction cost of the new wastewater treatment plant is \$19,100,000 and the project is projected to be complete by the third quarter of 2026. This memorandum summarizes the project scope and schedule for the subject project.

Project summary:

- New headworks with a mechanical fine screen
- New on-site building for the motor control center, blowers, and chemicals
- New Aeration Basin
- New Clarifiers
- New Digesters
- New Sludge Pumping System
- New Chlorine Contact Basin
- New Disinfection System
- Non-potable Water System
- Proposed Blowers
- Demolition of existing infrastructure & piping
- Proposed Electrical Controls
- Site Drainage



Project Schedule:

PRELIMINARY PROJECT SCHEDULE		
Quarter	Year	Project Progress
Q3	2022	Influent Study/Preliminary design
Q4	2022	Influent Study/Design (30%)
Q1	2023	Influent Study/Design (60%)
Q2	2023	Influent Study/Design (90%)
Q3	2023	Final design
Q4	2023	Bidding/Construction
Q1	2024	Construction
Q2	2024	Construction
Q3	2024	Construction
Q4	2024	Construction
Q1	2025	Construction
Q2	2025	Construction
Q3	2025	Construction
Q4	2025	Construction
Q1	2026	Construction
Q2	2026	Construction
Q3	2026	Commence Plant Operation