

SANTA RITA

UPPER MIDDLEBROOK WASTEWATER TREATMENT PLANT



TCEQ PERMIT RENEWAL

On March 23, 2024, the City of Liberty Hill applied to TCEQ for renewal of TPDES Permit No. WQ0015000-001. This permit was originally filed and approved in 2011 for a wastewater treatment plant, at a site selected by the developer, to serve the Santa Rita community. The permit has since been transferred to the City and is up for renewal.

PLANT LOCATION



Approximately 2.5 miles north of the intersection of Ronald Reagan Blvd & SH 29

DISCHARGE ROUTE



Pre-determined Plant Site



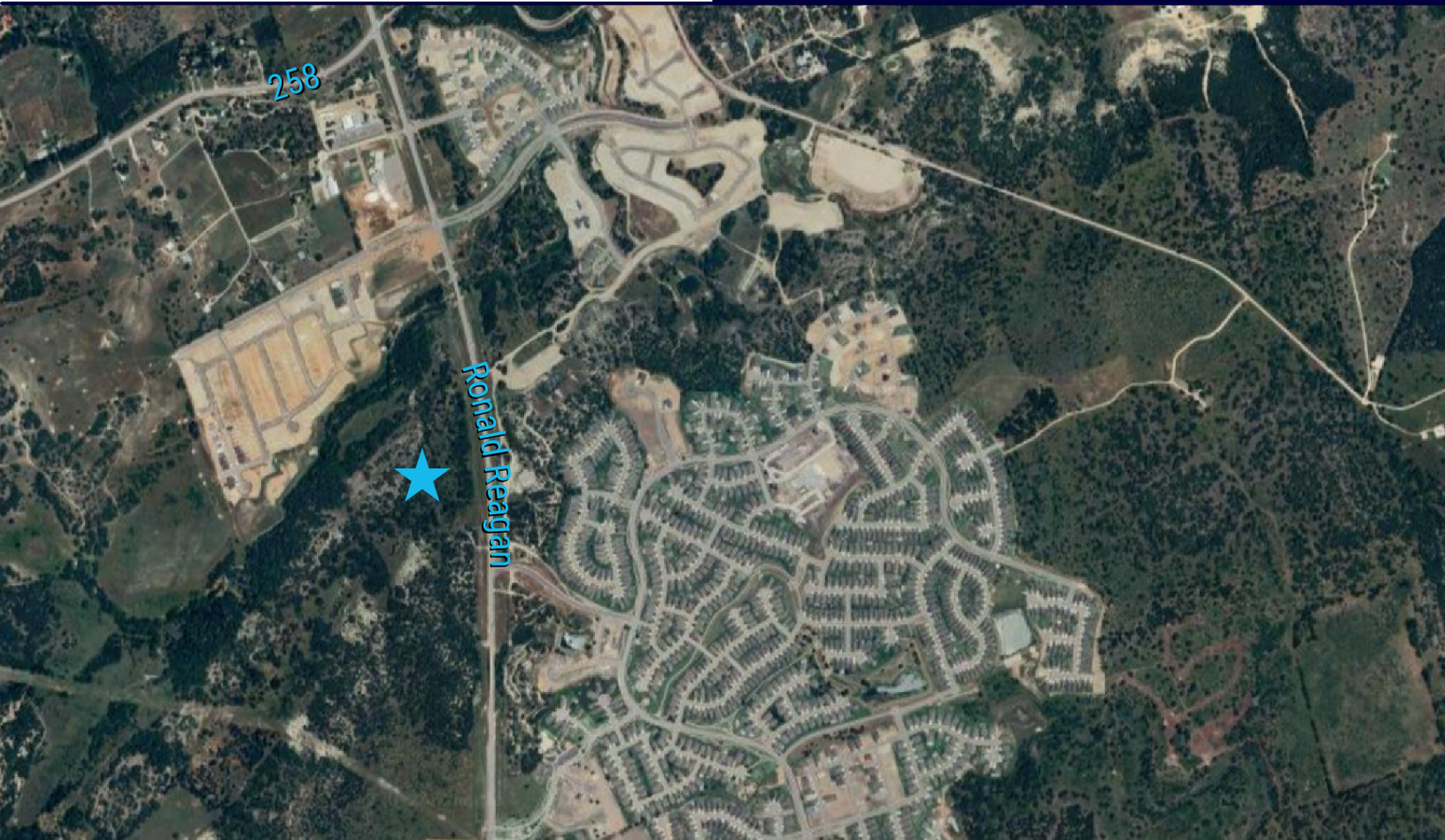
Soves Branch



North Fork San Gabriel River



This application is a renewal of an existing permit that has been approved since 2011.



PROJECT HISTORY

**JAN
2011**



The permit for wastewater treatment plant discharge was originally submitted to TCEQ by the developer of MUD 19 with the intent to construct a 1.4 MGD plant to serve Santa Rita at the current location.

**APR
2013**



An Interlocal Agreement for Wastewater Service, between the City of Liberty Hill and Santa Rita (MUD 19), was signed.

**FEB
2017**



The TCEQ permit was transferred from MUD 19 to the City of Liberty Hill in accordance with the Interlocal Agreement.

**MAR
2019**



First renewal permit was issued to the City of Liberty Hill.

**MAR
2024**



City of Liberty Hill applied for next renewal permit.

FAQ

WHY CAN'T THE WASTEWATER TREATMENT PLANT SITE BE MOVED?

The location for the Santa Rita Upper Middlebrook Wastewater Treatment Plant was chosen in 2011 by the developer, with input from TCEQ and engineering consultants. Since 2011, infrastructure has been constructed in preparation of the plant.

The Santa Rita developer designed and constructed internal facilities to utilize gravity flow to internal lift stations that are pumped downstream to the future plant. Force mains were also installed in preparation of routing these flows. Additionally, purple pipe has been installed to irrigate Santa Rita's common areas using treated effluent.

Because of the existing internal facilities, permit restrictions, and terms of the agreement, it is not possible to relocate the plant site.

1. Who will be serviced by the Santa Rita Upper Middlebrook Wastewater Treatment Plant?

This plant is for Santa Rita homes and facilities only.

2. When will the plant construction begin?

Construction is expected to begin Fall of 2025.

3. How long will construction last?

Construction is expected to last 18-24 months.

4. What will be done to mitigate noise pollution?

During construction, crews will only work during normal business hours. Work will not take place during nights, weekends, or holidays, and the City noise ordinance will be followed. Once completed, mechanical equipment will be housed indoors to block noise to surrounding neighbors.

5. What will be done to mitigate odor from the treatment process?

The City will work with engineers to install the most advanced technology possible for odor control.

6. Will the plant be aesthetically pleasing?

A cinderblock building will house all mechanical equipment, and tanks will be recessed. In addition to the natural vegetation barrier surrounding the plant, additional landscaping will be installed around the plant perimeter.

7. Will the plant create light pollution?

All lighting will be Dark Sky approved to protect our night skies.

8. Will the discharge impact the North Fork San Gabriel River?

The plant will discharge the highest-quality effluent in the State of Texas, which will provide water during drought conditions for aquatic life, waterfowl and downstream beneficial reuse that can be used as irrigation to help conserve potable water.

9. Are there any amendments included in the permit renewal?

The application does include a minor amendment to go from three phases to two. The first phase will authorize a discharge up to 0.7 MGD, and the ultimate phase will remain at 1.4 MGD.



LIBERTY HILL

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