

DOMESTIC WASTEWATER

The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations of the permit application.

Meritage Homes of Texas, LLC (CN603298068) proposes to operate the Wild Ridge wastewater treatment plant (RN111705703), an activated sludge process plant operated in the complete mix mode. The facility will be located approximately 1.5 miles northeast of the intersection of Ranch-to-Market Road 12 and U.S Highway 290 in Hays County, Texas 78620.

This application is for a new application to dispose a daily average flow of not to exceed 152,250 gallons per day of treated domestic wastewater via public access subsurface drip irrigation system with a total of 56.0 acres. This permit will not authorize a discharge of pollutants into water in the state.

Land application of domestic wastewater from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD5) and total suspended solids (TSS). Domestic wastewater will be treated by an activated sludge process plant and the treatment units will include a bar screen, aeration basins, final clarifiers, an aerobic sludge digester, tertiary filters, and a chlorine contact chamber. In addition, the facility includes a temporary storage that equals to at least three days of the daily average flow.

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Water Quality Applications Team