

**A RESOLUTION OF THE TRINITY GLEN ROSE  
GROUNDWATER CONSERVATION DISTRICT TO PREVENT WATER QUALITY  
DEGRADATION IN THE TRINITY AQUIFER IN NORTHERN BEXAR COUNTY  
WITH THE GUAJOLOTE RANCH WASTEWATER TREATMENT PLANT'S  
TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM  
PERMIT APPLICATION NO. WQ0016171001 TO DISCHARGE  
TREATED DOMESTIC WASTEWATER TO HELOTES CREEK**

**WHEREAS**, the Trinity Glen Rose Groundwater Conservation District (“District”) was created to provide for conserving, preserving, protecting, and recharging of the groundwater in the Trinity Aquifer in northern Bexar County, Texas, including preventing the degradation of water quality and waste of groundwater.

**WHEREAS**, the Guajolote Ranch Tract, located approximately one mile West of the Scenic Loop and Babcock Road intersection, in the City of San Antonio Extra Territorial Jurisdiction, and over the Edwards Aquifer Conservation Zone, is the subject of a water quality permit through the Texas Commission of Environmental Quality (TCEQ) to operate the Guajolote Ranch Waste Water Treatment Plant (WWTP) under Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0016171001, to discharge treated domestic wastewater at an annual average flow of 1,000,000 gallons per day with a 2-hour peak flow of 4,000,000 gallons per day via pipe to Helotes Creek.

**WHEREAS**, the treated effluent is the first proposed plant within the Helotes Creek watershed. The District is concerned about the degradation of groundwater quality in the Trinity Aquifer and the water wells that produce groundwater from that formation. Helotes Creek’s geological recharge features allow surface water to pass through to the Trinity Aquifer, as the Trinity Aquifer is the Edward Aquifer’s recharge zone, leading directly to the Edwards Aquifer at a rapid rate, with minimal filtration of residual treatment elements. The proposed discharge over the highly communicative zone of the Trinity and Edwards aquifers may likely lead to groundwater degradation or contamination.


**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE TRINITY GLEN ROSE GROUNDWATER CONSERVATION DISTRICT THAT:**

The Trinity Glen Rose Groundwater Conservation District does not support the water quality permit application to operate the Guajolote Ranch Waste Water Treatment Plant (WWTP) under Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0016171001.

**PASSED AND APPROVED** this the 14<sup>th</sup> day of September, 2023.

**TRINITY GLEN ROSE GROUNDWATER CONSERVATION DISTRICT**

  
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Stuart Birnbaum, Vice President

Attest:  
  
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Katrina Waring Castillo, Secretary

