June 18, 2022

Texas Commission on Environmental Quality

Water Quality Division

Application Review and Processing Team (MC148)

P.O. Box 13087

Austin, TX 78711-3087

Re: Application to Renew Permit No. WQ0014158001

 Customer Number: CN600673750

 Regulated Entity Number: RN102800190

Dear Application Review Team,

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.

The City of Log Cabin (CN00673750) operates the City of Log Cabin Wastewater Treatment Plant (RN102800190), an extended aeration facility designed to service the City of Log Cabin in Henderson County. The process is classified as a combined carbon-oxidation/nitrification facility. The treatment process includes aerated flow equalization, aeration zones, and re-aeration followed by secondary clarification and chlorine disinfection. Waste sludge is removed from the system to an aerated sludge holding tank for thickening and aerobic digestion prior to dewatering or removal from the site. From the plant through an 8-inch pipe to a holding pond then through a pump station to the irrigation header where the effluent is evenly distributed on an open field through a “Big Gun” sprinkler head. The facility is located at ½ mile South of the Intersection of FM-3054 and CR-1411 in Henderson County.

This application is for a renewal to dispose a daily average flow not to exceed 67,500 gallons per day of treated domestic wastewater via an irrigation header where it is evenly distributed on an open field of 21 acres. The permit will not authorize a discharge of pollutants into the water in the state.

The land application of domestic wastewater from the facility are expected to contain five-day biochemical oxygen demand (BOD5), total suspended solids (TSS) and Escherichia coli. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent in the permit application package. Domestic wastewater is treated by an aerated sludge holding tank for thickening and aerobic digestion prior to dewatering or removal from the site.

I appreciate your time and effort with reviewing my summary. If you have any questions, please contact me at (713) 458-8612, or via email at robin@permittingservices.net.

Yours truly,

Robin Butcko

Senior Wastewater Consultant

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