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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 Number: WQ0010296001  
Customer Number: CN600665590  
Regulated Entity Number: RN103157442

Dear Chief Officer,

*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 Sunray (CN600665590) operates the Sunray Wastewater Treatment Plant (RN103157442) the plant operates aerobic and anaerobic processes in an integrated facultative lagoon before it is pumped to an on-site storage pond, which is then discharged into a feeder to North Palo Duro Creek. The facility is located approximately 1.0-mile northeast of the intersection of Farm-to-Market Road 119 and Farm-to-Market Road 287, in Moore County, Texas 79086.

This application is for a renewal to dispose a daily average flow not to exceed 400,000 gallons per day of treated domestic wastewater via outfall 001.

Discharges from the facility are expected to contain seven-day carbonaceous biochemical oxygen demand (CBOD<sub>5</sub>), total suspended solids (TSS), ammonia nitrogen (NH<sub>3</sub>-N), 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 Existing Phase: The plant operates as an aerobic and anaerobic process before wastewater treatment water is released into North Palo Duro Creek. This process initiates at an extended aeration; the influent enters the Wastewater Treatment Plant through a wastewater collection

discharged into feeder to North Palo Duro Creek. Sludge from the storage pond is sent to irrigation to land. Currently, there has been no need for sludge removal. The facility has been in operation approximately four years. The facility has approximately 50-year life without needing any sludge removal.

The plant discharges treated wastewater at a volume not to exceed an annual average flow of 400,000 gallons per day. The effluent discharges through a 12" pipe to an on-channel pond; thence to an unnamed tributary; thence to North Palo Duron Creek; thence to Palo Duro Creek; thence to Palo Duro Reservoir; thence to Palo Duro Creek; thence to the Canadian River Basin in the State of Oklahoma in Segment No. .0100 of the Canadian River Basin.

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

Yours truly,

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