

Plain Language Summary for New Source Review (NSR) Initial Application for Air New Source Review Permit Number 172610

The following summary is provided for this pending air 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.

Still Meadow RNG, LLC (CN 606134336) has submitted an application for Initial Permit Number 172610. Still Meadow RNG, LLC (RN 111726170) will produce renewable natural gas (RNG) at 3362 County Road 2346, Como, Hopkins County.

This permit will authorize an anaerobic digestion process that produces RNG from dairy cow manure. Gas is generated in the digester through an anaerobic process, collected, cleaned through a gas upgrading system so that it is pipeline quality, and piped to the existing natural gas transmission network. Still Meadow RNG, LLC has listed in the application the pollutants and amounts that will be emitted for each facility. Below is the total amount for each pollutant that is proposed to be emitted each year for all the facilities.

Pollutant	Proposed Emissions (Tons Per Year)
VOC	0.28
PM	0.39
PM10	0.39
PM2.5	0.39
NOx	1.96
CO	2.31
SO2	56.7
Pb	0.00003
CO2	3747
HAPs	0.1
CH4	34
N2O	0.002
H2S	0.3

An emergency flare will burn gases from the anaerobic digester in emergency situations or when the biogas upgrading system is down. A second flare will burn tail gases that are scrubbed from the RNG during the gas upgrading process.