

**Plain Language Summary for New Source Review (NSR) Amendment
Application for Air New Source Review Permit Number 159900**

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.

Synagro of Texas-CDR, Inc. (CN601307630) has submitted an application for an amendment to permit number 159900. The Biosolids Management Facility (RN110946092) produces granular biosolids products at 2501 Greenbelt Road, Fort Worth, Tarrant County.

This amendment will authorize firing combined biogas and natural gas, as an alternate fuel in the BMF dryer. The current permit authorizes the firing of natural gas alone. In addition, changes to the permit are requested to reflect as-built operations. The BMF dewateres and then dries liquid digested biosolids, from the adjacent City of Fort Worth's Village Creek Water Reclamation Facility, to produce a granular product that can be beneficially utilized. Synagro of Texas-CDR, Inc. has listed in the application the pollutants and amounts that will be emitted for each facility. Below is the current amount allowed, the amount to be added or removed, and the total amount for each pollutant that is proposed to be emitted each year for all the facilities.

Pollutant	Permitted Emissions (tons per year)	Emissions Added/Removed (tons per year)	Total Proposed Emissions (tons per year)
VOC	3.03	+ 0.12	3.15
PM	12.64	+ 0.54	13.18
PM ₁₀	9.10	+ 4.08	13.18
PM _{2.5}	4.90	+ 8.28	13.18
NO _x	16.69	+ 0.43	17.12
CO	25.40	+ 0.66	26.06
SO ₂	2.71	+ 3.25	5.96
Pb	0.00	0.00	0.00
NH ₃	1.77	+ 5.59	7.36
H ₂ S	0.34	0	0.34

The modified dryer discharge gas will continue to be controlled by scrubbing to reduce residual contaminants and then residual contaminant gases are burned in a thermal oxidizer. The modified material handling discharge gas will continue to be controlled by scrubbing to reduce residual contaminants.