

Plain Language Summary for New Source Review (NSR) Amendment Application for Air New Source Review Permit Number 101616

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 federally enforceable representations of the permit application.

Targa Midstream Services, LLC (CN601301559) has submitted an application for an amendment to permit number 101616. The Mont Belvieu Plant (RN100222900) separates mixed natural gas liquids into fractionated products at 10319 Highway 146, Mont Belvieu, Chambers County.

This amendment will authorize changes to the procedures and frequency of maintenance, startup and shutdown operations. Additionally, the composition of the gas handled at the facility was adjusted impacting the emissions from the amine units and the devices used to control the emissions. Targa Midstream Services, LLC 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	119.46	-7.35	112.11
PM	49.28	0.00	49.28
PM10	38.48	0.00	38.48
PM2.5	35.24	0.00	35.24
NOx	52.66	5.13	57.79
CO	349.20	6.14	355.34
SO2	5.97	36.10	42.07
Pb	0.00	0.00	0.00
H2S	0.48	8.38	8.86
NH3	26.18	0	26.18
CH4	19.72	70.37	90.09
N2O	1.06	0	1.06
CO2	511036.59	-828.42	510208.17
CO2 Equivalent	513352.14	-617.57	512734.57

The modified facilities will be controlled when possible by flares and thermal oxidizers, which combust gases reducing what is released to the air.