Plain Language Summary for New Source Review (NSR) Amendment
Application for Air New Source Review Permit Number 19592

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.

Targa Pipeline Mid-Continent WestTex LLC (CN 604821355) has submitted an application for an amendment to permit number 19592. The Midkiff Gas Plant (RN 100215714) is a natural gas processing and natural gas liquids (NGL) recovery plant at 17400 E FM 2401, Midkiff, Reagan County.

This amendment will authorize a Vapor Combustion Unit (VCU) to control the glycol dehydration unit still vent emissions as an alternate operating scenario to the recycling of emissions to the front of the plant; update calculations to remove glycol dehydration streams, add control of emissions from the stabilized condensate tank over pressurization, and revise the representations for the amine acid gas streams being controlled by the C1-Flare; authorize a Thermal Oxidizer (TO) to control the consolidator amine acid gas stream; authorize a heater and additional hours of operation for a backup boiler; update representations for the ancillary tanks based on latest site information; and incorporate certain PBRs by consolidation. Targa Pipeline Mid-Continent WestTex 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 eachpollutant that is proposed to be emitted each year for all the facilities.

Pollutant	**Permitted Emissions (tons per year)**	**Consolidated Emissions (tons per year)**	**Emissions Added/Removed (tons per year)**	**Total Proposed Emissions (tons per year)**
VOC	71.17	38.73	-9.49	100.41
PM	5.94	3.85	2.47	12.26
PM_{10}	5.94	3.85	2.47	12.26
$PM_{2.5}$	5.94	3.85	2.47	12.26
NO_X	126.62	65.28	8.37	200.27
CO	139.23	73.61	-3.19	209.65
SO_2	31.40	0.23	40.19	71.82
H_2S	0.37	0.01	-0.07	0.31
All HAPs	8.74	12.6	4.02	25.36

The glycol dehydration units will be controlled by a VCU, and the amine acid gas streams will be controlled by a flare and a thermal oxidizer.