

Plain Language Summary for New Source Review (NSR) Renewal Application for Air New Source Review Permit Number 5633A

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.

Equistar Chemicals, LP (CN600124705) has submitted an application for renewal of permit number 5633A. The Corpus Christi Benzene Barge Dock (RN102167640) stores and loads benzene into barges at 1748 Marvin Berry Road, Corpus Christi, Nueces County.

This renewal will authorize the continued operation of storage and loading of benzene at the Corpus Christi Benzene Barge Dock facility. Equistar Chemicals, LP 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	3.96
NO _x	1.09
CO	1.22
PM ₁₀	0.07
SO ₂	0.06

The facilities being renewed continue to be controlled by an internal floating roof tank and loading emissions by a vapor combustion unit (VCU). The VCU combusts vapors displaced from the barge loading and the internal floating roof controls vapors from storage. Both control devices significantly reduce the emissions to the atmosphere.