

**Plain Language Summary for New Source Review (NSR) Amendment
Application for Air New Source Review Permit Number 4682B**

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 L.P. (CN600124705) has submitted an application for an amendment to permit number 4682B. The Corpus Christi Complex (RN100221662) is a petrochemical manufacturing complex that produces olefin products, primarily ethylene and propylene. The Corpus Christi Complex is located at 1501 McKinzie Rd, Corpus Christi, Nueces County, Texas, 78410.

This amendment will conserve water and authorize an increase in total dissolved solids (TDS) concentration in cooling water for the Cooling Tower. Equistar Chemicals LP 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/Deleted (tons per year)	Total Proposed Emissions (tons per year)
VOC	433.20	0.00	433.20
PM	236.65	9.26	245.91
PM ₁₀	234.78	8.60	243.38
PM _{2.5}	221.00	3.25	224.25
NO _x	2193.21	0.00	2193.21
CO	1593.31	0.00	1593.31
SO ₂	1263.01	0.00	1263.01
SO ₃	25.24	0.00	25.24

The new and/or modified facilities will be controlled by currently installed drift eliminators meeting a drift elimination factor of 0.001%.