

**Plain Language Summary for New Source Review (NSR) Renewal Amendment  
Application for Air New Source Review Permit Number 18836/PSD-TX-1206**

*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 and amendment to permit number 18836/PSD-TX-1206. The Equistar Matagorda Plant (RN100216159) produces/manufactures HDPE at 17042 TX-60 South, Bay City, Matagorda County.

This renewal will authorize the continued operation of the HDPE manufacturing units. The amendment will authorize the addition of peroxide to a production line and the consolidation of Permits by Rule that have been previously authorized. 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.

<b>Pollutant</b>	<b>Permitted Emissions (tons per year)</b>	<b>Emissions Added/Deleted (tons per year)</b>	<b>Total Proposed Emissions (tons per year)</b>
NOx	111.19	9.83	121.02
CO	150.29	51.20	201.49
VOC	237.34	46.97	284.31
SO2	26.65	1.41	28.06
PM	89.32	2.17	91.49
PM10	49.83	0.76	50.60
PM2.5	44.28	0.11	44.39

The facilities being renewed and the new and/or modified facilities are controlled by scrubbers or dust collectors to control process vent emissions, covered and enclosed transfer systems, tank designs such as size, color and the use of floating roofs, surge drums and condensers, routine operator inspections to check piping components for leaks, use of pipeline-quality natural gas fuel, good combustion practices, and good operating and maintenance practices.