

Plain Language Summary for New Source Review (NSR) Renewal/Amendment Application for Air New Source Review Permit Number 2482B

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 a renewal with concurrent amendment to permit number 2482B. The Chocolate Bayou Polymers Plant (RN100237668) will produce/manufacture *high-density polyethylene product* at two miles west of FM 2917 on FM 2004, Alvin, Brazoria County.

This amendment will authorize a slight increase in production rate. 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/Removed (tons per year)	Total Proposed Emissions (tons per year)
VOC	239.97	0.67	240.64
PM	66.88	0.5	67.38
PM₁₀	13.89	0.21	14.10
PM_{2.5}	13.2	-1.77	11.43
NO_x	21.39	0.00	21.39
CO	86.18	0.00	86.18
SO₂	2.75	0.00	2.75
Exempt Solvents	0.17	0.00	0.17

The new and/or modified facilities will be controlled by baghouses and fabric filters.