

Plain Language Summary for New Source Review (NSR) Renewal Amendment Application for Air New Source Review Permit Number 106965

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.

Valero Refining-Texas LP (CN600127468) has submitted an application for renewal of and amendment to permit number 106965. The Valero Corpus Christi Refinery West Plant Crude Unit (RN100214386) produces/manufactures petroleum products at 5900 Up River Rd, Corpus Christi, Nueces County.

This renewal will authorize the continued operation of the domestic crude unit. The amendment will authorize updated emission calculations, updated EPN names, and incorporation/consolidation of facilities. Valero Refining-Texas 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	38.04	-2.33	39.71
PM	7.94	1.73	9.67
PM ₁₀	7.77	1.73	9.50
PM _{2.5}	7.57	1.73	9.30
NO _x	10.13	8.59	18.72
CO	35.98	8.33	44.31
SO ₂	10.76	2.49	13.25
NH ₃	5.07	1.08	6.15
H ₂ S	0.09	-0.06	0.04
Dimethyl Disulfide	0.00	0.00	0.01

The facilities being renewed are controlled by monitoring and carbon canisters. The new and/or modified facilities will be controlled by good operating practices, selective catalytic reduction, and leak detection and repair programs.