Plain Language Summary for New Source Review (NSR) Renewal Amendment Application for Air New Source Review Permit Number 38754

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 38754. The Valero Corpus Christi Refinery West Plant (RN100214386) produces/manufactures petroleum products at 5900 Up River Rd, Corpus Christi, Nueces County.

This renewal will authorize the continued operation of the Valero Corpus Christi Refinery West Plant. The amendment will authorize updated emissions for flares, fugitives and one heater; various changes to permit conditions; and incorporation/consolidation of other authorized 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	1068.64	1.35	1080.14
PM	833.18	2.23	835.41
PM_{10}	828.09	2.23	830.32
$PM_{2.5}$	757.51	-1.03	759.74
NO_x	1617.73	9.91	1666.53
CO	3019.83	26.65	3078.89
SO_2	1557.56	-1.20	1565.92
Pb	0.00	0.00	0.00
H2S	21.7	0.74	22.54
NH3	29.06	0.13	29.2
Exempt Solvents	0.6	0	0.6
HF	0	0	0
Cl2	0.04	0	0.04
H2SO4	214.63	0	214.63
HCl	0.57	0	0.57
HCN	320.4	0	320.4

The facilities being renewed are controlled by implementing good operating practices, proper equipment design (e.g. floating roofs on storage tanks), combustion devices such as flares and vapor combustors, vapor collection devices such as vapor recovery units and carbon adsorption systems, scrubbers, and implementation of TCEQ monitoring programs. The new and/or modified facilities will be controlled by implementing good operating practices and leak detection and repair programs.