

**Plain Language Summary for New Source Review (NSR) Amendment
Application for Air New Source Review Permit Number 6308**

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.

Flint Hills Resources Corpus Christi, LLC (CN603741463) has applied to amend the air permit (permit number 6308) for its East Refinery (RN102534138). The East Refinery produces refined petroleum and chemical products at 1607 Nueces Bay Boulevard, Corpus Christi, Nueces County.

This amendment will not authorize the construction of any new facilities or physical changes to any existing facilities at the East Refinery.

This amendment will establish permit limits for existing sulfuric acid mist emissions and will also consolidate other existing authorizations (previously authorized permits by rule and standard permits and permit 2495) into permit 6308.

The permit application includes the proposed emission limits for each facility to be authorized by permit 6308. The table below provides the current annual emission limits (including the limits from permit 2495, which is being incorporated), the proposed changes to the emission limits, and the proposed emission limits.

Pollutant	Permitted Emissions (tons per year)	Emissions Added/Removed (tons per year)	Total Proposed Emissions (tons per year)
NO _x	353.15	0.00	353.15
CO	613.34	-1.10	612.24
SO ₂	372.10	-16.65	355.45
PM	197.62	-6.87	190.75
PM ₁₀	195.61	-6.87	188.74
PM _{2.5}	194.41	-6.87	187.54
VOC	515.84	-6.46	509.38
Sulfuric Acid Mist	0.00	50.38	50.38
H ₂ S	13.77	-0.42	13.35
NH ₃	11.63	-0.16	11.47
Ozone	27.48	0.00	27.48
Toluene	2.16	0.00	2.16
Xylene	1.27	0.00	1.27
Benzene	0.44	0.00	0.44
HCN	63.90	0.00	63.90
NaHSO ₃	0.31	0.00	0.31

The existing facilities addressed in this application will continue to be controlled by emission control devices such as floating roofs, incinerators, thermal oxidizers, carbon adsorption systems, scrubbers, Selective Catalytic Reduction (SCR), and fugitive emission monitoring (leak detection and repair or LDAR).