

Plain Language Summary for New Source Review (NSR) Renewal Amendment Application for Air New Source Review Permit Number 96510

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.

Kuraray America Inc. (CN603315953) has submitted an application for renewal of and amendment to permit number 96510. The PVOH Plant (RN106155849) produces/manufactures PVOH at 13100 Bay Area Blvd, Pasadena, Harris County.

This renewal will authorize the continued operation of the chemical manufacturing process. The amendment will authorize updated representations for emission calculations to reflect actual plant operations. Kuraray America Inc. 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	25.28	-1.19	24.09
PM	0.8	0.38	1.18
PM10	2.16	-0.30	1.86
PM2.5	2.14	-0.86	1.28
NOX	6.97	-1.90	5.07
CO	23.22	-0.25	22.97
SO2	0.75	0.01	0.76
Methanol	14.36	-4.069	10.291
Vinyl Acetate	3.85	-0.32	3.53
Acetaldehyde	1.22	0	1.22
1-propanol	0.92	0	0.92
Ethylene	4.6	-0.83	4.6
Methylacetate	44.96	1.92	44.96
Acetic Acid	1.05	0.58	1.05
Poly-Vinyl Alcohol	0.06	-0.05	0.06

The facilities being renewed are controlled by a flare and several scrubbers. The new and/or modified facilities will be controlled by the same control methods currently in place.