

Plain Language Summary for New Source Review (NSR) Renewal Amendment Application for Air New Source Review Permit Number 56361

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.

PCI Nitrogen, LLC (CN 603449265) has submitted an application for renewal of and amendment to permit number 56361. The PCI Nitrogen Pasadena plant (RN 101621944) produces/manufactures sulfuric acid, ammonium thiosulfate, ammonium sulfate, and ammonium polyphosphate at 2001 Jackson Road, Pasadena, Harris County.

This renewal will authorize the continued operation of the sulfuric acid and ammonium thiosulfate units. The amendment will authorize the consolidation of various PBRs into the operation of the sulfuric acid and ammonium thiosulfate units. PCI Nitrogen, LLC 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	0.06	0.00	0.06
PM	68.04	0.00	68.04
PM ₁₀	68.04	0.00	68.04
PM _{2.5}	67.80	0.00	67.80
NO _x	20.16	0.00	20.16
CO	33.27	0.00	33.27
SO ₂	441.16	0.00	441.16
Pb	0.00	0.00	0.00
H ₂ SO ₄	19.65	0.19	19.84
NH ₃	5.99	0.05	6.04
IOC-U	0.14	0.14	0.28
HF	19.86	0.00	19.86
H ₂ S	0.02	0.00	0.02
S	0.02	0.00	0.02

The facilities being renewed are controlled by a distributed control system (DCS). The new and/or modified facilities will be controlled by the same DCS.