Plain Language Summary for New Source Review (NSR) Renewal Amendment Application for Air New Source Review Permit Number 71768

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.

Kaneka North America LLC (CN604059352) has submitted an application for renewal of an amendment to permit number 71768. The Nutrients Plant (RN100218841) produces a variety of base food supplements via batch mode fermentation at 6161 Underwood Road, Pasadena, Harris County.

This renewal will authorize the continued operation of the RTO, fabric filters, and fugitive components. This amendment will incorporate by consolidation five (5) permits-by-rule (PBR): one (1) for a flare and four (4) for fugitive components; and it will incorporate by reference one (1) PBR for a cooling tower. This amendment will also authorize updates to storage tank emissions calculations methodologies, update emissions from the flare, and update fugitive component emissions. Kaneka North America 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/Removed (tons per year)	Total Proposed Emissions (tons per year)
NO_X	1.40	1.20	2.60
CO	2.63	10.26	12.89
SO_2	0.90	0	0.90
VOC	22.68	-3.06	19.62
PM	3.44	0	3.44
PM_{10}	3.44	0	3.44
$PM_{2.5}$	3.44	0	3.44
HAPs	0.14	2.54	2.68

Emissions from various processes that were previously routed to the RTO will now be controlled by the flare. The fabric filters control particulate matter emissions. Control efficiencies for 28VHP and 28CNTA LDAR Programs are applied to the fugitive component emissions.