

**Plain Language Summary for New Source Review (NSR) Amendment  
Application for Air New Source Review Permit Number 80931**

*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 an amendment to permit number 80931. The MS Polymer Production Plant (RN100218841) is a polymer production facility located at 6161 Underwood Road, Pasadena, Harris County.

This amendment will authorize emissions from equipment associated with the operation of an additional polymer production line. The amendment will authorize storage tanks, a cooling tower, particle filters, fugitive components, and increased emissions from the facility's flare and wastewater sources. 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.

| <b>Pollutant</b>  | <b>Permitted Emissions<br/>(tons per year)</b> | <b>Emissions<br/>Added/Deleted<br/>(tons per year)</b> | <b>Total Proposed<br/>Emissions<br/>(tons per year)</b> |
|-------------------|--|--|---|
| VOC               | 18.56  | +1.84  | 20.42   |
| PM                | 1.39   | +0.41  | 1.80  |
| PM <sub>10</sub>  | 1.39   | +0.39  | 1.78  |
| PM <sub>2.5</sub> | 1.39   | +0.29  | 1.68  |
| NO <sub>x</sub>   | 4.93   | +0.12  | 5.05  |
| CO                | 42.68  | +0.66  | 43.34   |
| SO <sub>2</sub>   | 0.05   | 0.00   | 0.05  |
| H <sub>2</sub> S  | 0.01   | 0.00   | 0.01  |
| HCl               | 1.72   | +5.26  | 6.98  |
| HAPs              | 4.15   | -2.28  | 1.87  |

The new/modified facilities are either uncontrolled or routed to the flare with a 98 percent (%) control efficiency.