

## Plain Language Summary for New Source Review (NSR) Renewal Application for Air New Source Review Permit Number 80391

*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 (Kaneka) (CN604059352) has submitted an application for a renewal of and amendment to permit number 80931. The MSA Plant (RN101619179) produces modified silyl terminated polyether by polymerizing propylene oxide, introducing functional groups at the terminal ends of the resulting polymer, and then reacting these functional groups with silane compound at 6161 Underwood Road, Pasadena, Harris County.

This renewal will authorize the continued operation of the polymer production line. This amendment will authorize an increase in the production rate for the site and incorporate a PBR. Kaneka 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         | Proposed Emissions (tons per year) |
|-------------------|------------------------------------|
| NOX               | 4.18                               |
| CO                | 35.87                              |
| VOC               | 15.71                              |
| SO <sub>2</sub>   | 0.05                               |
| PM                | 0.93                               |
| PM <sub>10</sub>  | 0.92                               |
| PM <sub>2.5</sub> | 0.87                               |
| HCL               | 3.55                               |
| H <sub>2</sub> S  | 0.01                               |
| Total HAPS        | 7.43                               |

The facilities being renewed continue to be controlled by *summary of the type of controls for the facilities being renewed; not a BACT discussion.*