

**Plain Language Summary for New Source Review (NSR) Renewal Application for Air New Source Review Permit Number 18142**

*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.*

Phillips 66 Company (CN604065912) has submitted an application for renewal of permit number 18142. The Sweeny Refinery (RN101619179) produces/manufactures refined petroleum products at 8189 Old FM 524, Old Ocean, Brazoria County.

This renewal will authorize the continued operation of Hydrogen Fluoride Alkylation Unit (Unit 30), which includes one reboiler, one cooling tower, fugitive piping components, and a flare. Phillips 66 Company has listed in the application the pollutants and amounts that will be emitted for each facility. Below is the total amount for each pollutant that is proposed to be emitted each year for all the facilities.

<b>Pollutant</b>	<b>Proposed Emissions (tons per year)</b>
VOC	43.28
PM	5.04
PM <sub>10</sub>	5.04
PM <sub>2.5</sub>	3.73
NO <sub>x</sub>	22.86
CO	21.15
SO <sub>2</sub>	0.25
HF	0.02

The facilities being renewed continue to be controlled by proper equipment design and routine monitoring. The cooling tower has high efficiency drift eliminators to minimize PM. The flare destroys process vapors by combusting them.