

Plain Language Summary for New Source Review (NSR) Renewal Amendment Application for Air New Source Review Permit Number 103832

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.

Chevron Phillips Chemical Company LP (CN600303614) has submitted an application for renewal and amendment to Permit Number 103832. The Sweeny Old Ocean Facilities (RN100825249) produces/manufactures industrial organic chemicals at 21441 Loop 419, Sweeny, Brazoria County.

This renewal will authorize the continued operation Polyethylene (PE) Units. The amendment will role in multiple PBR registrations by consolidation and authorize the “as-built” fugitive component counts for Polyethylene PE Units 40, 41, and 42. Chevron Phillips Chemical Company LP 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.

Pollutants	Permitted Emissions (Tons Per Year)	Emissions Added/Deleted (Tons Per Year)	Total Proposed Emissions (Tons Per Year)
VOC	163.53	0.08	163.60
PM	15.95	0.68	16.63
PM ₁₀	15.47	0.68	16.14
PM _{2.5}	7.21	0.68	7.89
NO _x	105.86	-	105.86
CO	474.53	-	474.53
SO ₂	14.85	-	14.85
HCl	-	0.01	0.01
H ₂ S	0.12	-	0.12

The facilities being renewed are controlled by a flare, vapor destruction unit, thermal oxidizer, and fabric filters. The new and/or modified facilities will be controlled by a leak detection and repair (LDAR) program.