

**Plain Language Summary for New Source Review (NSR) Renewal Amendment
Application for Air New Source Review Permit Number 48988**

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 federally enforceable representations of the permit application.

Dow Hydrocarbons and Resources LLC (CN606209690) has submitted an application for renewal and amendment of the permit number 48988. The Utilities and Hydrocarbons Facilities (RN100219351) is a hydrocarbon production unit at 3301 5th Avenue South, Texas City, Galveston County.

This renewal will authorize the continued operation of the Utilities and Hydrocarbons Facilities, which includes a flare, a cooling tower, storage tanks, equipment component fugitives, and loading and unloading operations. The amendment will authorize updates to emission rate calculations for the flare, storage tanks, equipment component fugitives, and loading and unloading operations. These updates will reflect current operation and updated calculation methodologies. Additionally, DHRL requests the incorporation by consolidation of four Permits by Rules (PBR). DHRL has listed in the application the pollutants and amounts that will be emitted for each facility. Below is the current allowable, the amount to be added or removed, and the total amount for each pollutant that is proposed to be emitted each year for this facility.

Pollutant	Permitted Emissions (tons per year)	Emissions Added/Deleted (tons per year)	Total Proposed Emissions (tons per year)
CO	0.82	(0.71)	0.11
NO _x	0.01	---	0.01
SO ₂	0.01	---	0.01
VOC	29.56	(4.19)	25.37
PM	8.66	---	8.66
PM ₁₀	3.94	---	3.94
PM _{2.5}	0.04	---	0.04

The facilities being renewed are controlled by TCO Site Flare. The new and/or modified facilities will be controlled by the TCO Site Flare.