

Plain Language Summary for New Source Review (NSR) Renewal Application for Air New Source Review Permit Number 129221

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.

Magellan Pipeline Company, L.P. (CN605367739) has submitted an application for renewal of permit number 129221. The Southwest East Side Terminal (RN107834350) stores and transfers petroleum pipeline products at 8376 Monroe Rd., Houston, Harris County.

This renewal will authorize the continued operation of petroleum product storage, loading activities, pipeline components and associated maintenance, startup, and shutdown activities. Storage tank emissions calculations are also being updated to reflect latest methodology from the Environmental Protection Agency and representations currently claimed under Permit by Rule (PBR) are being incorporated. Magellan Pipeline Company, L.P. 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.

Pollutant	Proposed Emissions (tons per year)
VOC	1.46
PM	<0.01
PM ₁₀	<0.01
PM _{2.5}	<0.01
NO _x	0.01
CO	<0.01
SO ₂	<0.01
HAPs	<10 (individual HAP) <25 (total HAPs)

The facilities being renewed continue to be controlled as described here. Volatile organic compound (VOC) emissions from the storage of materials is controlled by utilizing an internal floating roof style storage tank. VOC emissions from loading of materials into trucks for transfer is controlled by either submerged loading for lower volatility products or via carbon canisters, which reduce VOC emissions through capturing/adsorbing the VOCs. Best Management Practices are employed to limit emissions from piping components. VOC emissions from maintenance, startup, and shutdown (MSS) activities associated with the storage tank for products with higher volatility are also controlled via a portable vapor combustor, which destroy VOCs through combustion.