

Plain Language Summary for New Source Review (NSR) Renewal Amendment Application for Air New Source Review Permit Number 56253

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.

Valero Partners PAPS, LLC (CN604738930) has submitted an application for renewal of and amendment to permit number 56253. The El Vista Tank Farm (RN100219716) is a facility that stores gasoline in large storage tanks and is located at 6300 West Port Arthur Road, Port Arthur, Jefferson County, Texas.].

This renewal will authorize the continued operation of gasoline storage tanks and associated equipment. The amendment will authorize:

- Addition of a domed room to the top of the gasoline storage tanks to reduce emissions (previously authorized by a different permit, and now being incorporated into this permit).
- Use of new Environmental Protection Agency (EPA) and TCEQ emission calculation methods.
- Update gasoline properties and tank maintenance procedures in the emission calculations.

Valero Partners PAPS, LLC 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	Permitted Emissions (tons per year)	Emissions Added/Deleted (tons per year)	Total Proposed Emissions (tons per year)
Volatile Organic Compounds (VOC) (e.g. gasoline vapors)	76.92	-29.59	47.34

The large gasoline storage tanks emissions are minimized by the use of a double roof system. The tanks have one roof that floats on the surface of the gasoline liquid, preventing most evaporation of the gasoline. The emissions that do happen are a result of small holes or gaps in the floating roof that are unavoidable based on the construction methods and operational needs of the floating roof (e.g. access hatches may leave small gaps around the edges that emissions can escape through, but these openings are gasketed to minimize these gaps). The tanks also have a fixed roof on top that prevents wind from blowing over the top of the floating roof, thereby preventing wind-induced evaporation of the gasoline through the small holes or gaps in the floating roof.

This site also has piping with components such as valves and flanges, which can sometimes leak. Valero minimizes leak emissions by implementing a program to check for leaks every month. If any leaks are found, they must be repaired as soon as possible, and no later than 15 days after the leak is found.