

## PLAIN LANGUAGE SUMMARIES

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### **Plain Language Summary for New Source Review (NSR) Renewal and Amendment Application for Air New Source Review Permit Number 19081**

*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.*

Flint Hills Resources Corpus Christi LLC (CN603741463) has submitted an application for renewal of and an amendment to Permit No. 19081. The Waco Terminal (RN102287828) stores and distributes bulk fuels at 2017 Kendall Lane, Waco, McLennan County.

This renewal will authorize the continued operation of tank storage and truck loading of gasoline, diesel, and ethanol. The amendment will authorize the addition of fugitive sources, will reduce authorized loading across the rack, and will update emissions from the VCU to represent emissions of SO<sub>2</sub> based on the loaded fuel sulfur standards, of PM based on TCEQ requirements, and to employ the current vendor-provided NO<sub>x</sub> and CO emission factors. Flint Hills Resources Corpus Christi LLC has listed in the application the pollutants and amounts that will be emitted for each facility. Below is the current amount authorized, 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.

<b>Pollutant</b>	<b>Permitted Emissions (tons per year)</b>	<b>Emissions Added/Deleted (tons per year)</b>	<b>Total Proposed Emissions (tons per year)</b>
VOC	87.83	(21.74)	66.09
NO <sub>x</sub>	13.31	(2.87)	10.44
CO	26.57	(0.49)	26.08
SO <sub>2</sub>	0	0.20	0.20
PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0	0.53	0.53
HAP	<10	0	<10

The facilities being renewed are controlled by internal floating roofs in the gasoline and ethanol tanks and the loading rack is controlled by either a vapor recovery unit (VRU) or a vapor combustion unit (VCU). These control devices process the vapors displaced from the trucks loaded at the terminal. The VRU recovers gasoline from the displaced vapors and returns it to a gasoline tank for sale. The VCU combusts the gasoline vapors displaced from the trucks during loading. Both control devices significantly reduce the emissions discharged to the atmosphere from truck loading. There are no new and/or modified facilities included in this permit application. Combustion emissions are generated from control of the loading rack VOC emissions when the VCU is in use. Emissions of SO<sub>2</sub> and PM/PM<sub>10</sub>/PM<sub>2.5</sub> are being added to the permit as required by TCEQ.