

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 2798

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

## Air Contaminants Data

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hour	TPY (4)
DDB901A	No. 2 Olefins Unit Steam Boiler	NO <sub>x</sub>	77.7	308.35
		CO	14.4	57.05
		VOC	2.7	10.87
		PM	3.8	15.42
		PM <sub>10</sub>	3.8	15.42
		PM <sub>2.5</sub>	3.8	15.42
		SO <sub>2</sub>	9.4	28.24
DDB901B	No. 2 Olefins Unit Steam Boiler	NO <sub>x</sub>	77.7	308.35
		CO	14.4	57.05
		VOC	2.7	10.87
		PM	3.8	15.42
		PM <sub>10</sub>	3.8	15.42
		PM <sub>2.5</sub>	3.8	15.42
		SO <sub>2</sub>	9.4	28.24
DDB901A & DDB901B	Combined Annual Emission Rate Landfill Gas (5)	SO <sub>2</sub>	-	10.00

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- NO<sub>x</sub> - total oxides of nitrogen
- SO<sub>2</sub> - sulfur dioxide
- PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented

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PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented

PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter

CO - carbon monoxide

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

(5) The emission rate is an annual cap that also includes the boilers (EPNs: DB-901A, DB-901B, and DB-901C) authorized by Permit Number 101.

Date: June 27, 2014