

Emission Sources - Maximum Allowable Emission Rates

Permit Number 35764

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	
			lbs/hour	TPY (4)
S-5M2	Storage Tank	VOC	0.83	0.77
		Benzene	0.01	0.01
S-10M1	Storage Tank	VOC	7.61	15.16
		Benzene	0.11	0.23
S-10M2	Storage Tank	VOC	7.70	15.34
		Benzene	0.12	0.23
S-20M1	Storage Tank	VOC	0.39	0.10
		Benzene	0.01	<0.01
S-20M2	Storage Tank	VOC	0.40	0.12
S-20M3	Storage Tank	VOC	0.42	0.17
S-20M4	Storage Tank	VOC	0.40	0.12
S-55M1	Storage Tank	VOC	8.13	16.84
		Benzene	0.12	0.25
L1	Truck Loading Fugitives (5)	VOC	24.42	6.69
		Benzene	0.37	0.10
F1	Piping Fugitives (5)	VOC	0.12	0.52
		Benzene	<0.01	0.01

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VCU-1	Flare	VOC	39.92	10.91
		NO _x	2.24	1.93
		CO	11.22	9.63
		PM	0.30	0.25
		PM ₁₀	0.30	0.25
		PM _{2.5}	0.30	0.25
		SO ₂	0.02	0.02
		Benzene	0.56	0.15
OWS-1	Oil/Water Separator (6)	VOC	15.00	0.28
		Benzene	0.23	<0.01

- (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_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
 PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
 PM_{2.5} - 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) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Due to close proximity to OWS-1, emissions from two fixed-roof petroleum contact water tanks are included in this emission rate.

Date: August 9, 2019