

## Emission Sources - Maximum Allowable Emission Rates

Permit Number 3100A

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)
90-35-301	Oil-Water Separator	VOC	0.63	0.11
90-35-303	Oil-Water Separator	VOC	0.63	0.11
90-95-4005	Crude Oil Tank 4005	VOC	1.93	4.53
90-95-4006	Crude Oil Tank 4006	VOC	1.93	4.53
90-95-4007	Crude Oil Tank 4007	VOC	1.93	4.53
90-95-4008	Crude Oil Tank 4008	VOC	1.93	4.53
90-95-5001	Crude Oil Tank 5001	VOC	9.62	9.64
90-95-5002	Crude Oil Tank 5002	VOC	9.60	9.57
90-95-4011	Slop Oil Tank 4011	VOC	19.50	0.57
90-95-4101	Wastewater Tank	VOC	0.51	0.16
90-P-AERT	Aeration Pond	VOC	0.07	0.30
90-P-WWATG	Wastewater Storage Pond	VOC	0.04	0.20
90-0-0	Process Fugitives (5)	VOC	1.36	5.95
TKLAND	Uncontrolled Tank Landing	VOC	104.21	(6)
VPIPE	Uncontrolled Vessel and Piping	VOC	1.86	(6)
Uncontrolled MSS	Uncontrolled MSS Cap	VOC	-	0.78

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
TKTO	Controlled Tank Landing	VOC	56.24	(7)
		NO <sub>x</sub>	3.21	(7)
		CO	16.89	(7)
		SO <sub>2</sub>	0.36	(7)
		H <sub>2</sub> S	<0.01	(7)
		PM	1.14	(7)
		PM <sub>10</sub>	1.14	(7)
		PM <sub>2.5</sub>	1.14	(7)
FRAC	FRAC Tanks	VOC	2.28	(7)
VTRUCK	Vacuum Truck	VOC	3.14	(7)
Controlled MSS	Controlled MSS Cap	VOC	-	0.18
		NO <sub>x</sub>	-	0.04
		CO	-	0.21
		SO <sub>2</sub>	-	<0.01
		H <sub>2</sub> S	-	<0.01
		PM	-	0.02
		PM <sub>10</sub>	-	0.02
		PM <sub>2.5</sub>	-	0.02

(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

CO - carbon monoxide

H<sub>2</sub>S - hydrogen sulfide

PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented

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

(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) Annual allowable emission rates are included in EPN: Uncontrolled MSS.
- (7) Annual allowable emission rates are included in EPN: Controlled MSS.

Date: September 26, 2016