

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 4640

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. 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)	<u>Emission Rates</u>	
			lb/hr	TPY
T0-1	Thermal Oxidizer	VOC	574.51	150.78
		NO <sub>x</sub>	22.81	4.45
		CO	28.59	5.90
EPN-4	Flare	VOC	25.9	12.30
		NO <sub>x</sub>	7.15	3.38
		CO	28.47	13.47
CA-1/CA-2	Vent Carbon Adsorber	VOC	1.72	3.93
CA-3	Tank Carbon Adsorber	VOC	0.23	<0.01
CA-4	Equalization Carbon Adsorber	VOC	11.57	8.19
CA-6	API Separator Carbon Adsorber	VOC	0.19	0.83
F-1	Flare Fugitives (4)	VOC	0.29	1.55
F-3	Condenser Fugitives (4)	VOC	1.66	7.25
F-4	Thermal Oxidizer Fugitives (4) 0.40		VOC	0.09
F-5	Process Fugitives (4)	VOC	0.53	2.32
EPN-5	Fire Tube Boiler	PM	0.03	0.09

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
		VOC	<0.01	0.01
		NO <sub>x</sub>	0.21	0.60
		SO <sub>2</sub>	0.74	2.10
		CO	0.05	0.15
F-BWH	Water Heater	PM	0.03	0.09
		VOC	<0.01	0.01
		NO <sub>x</sub>	0.21	0.60
		SO <sub>2</sub>	0.74	2.10
		CO	0.05	0.15
WWT-FUG	WWTP Fugitives	VOC	3.44	3.58
0006	Gas Freeing Vent	VOC	2.42	10.6
ENG-1	Waukesha Engine	NO <sub>x</sub>	2.58	10.24
		CO	2.26	8.96
		VOC	0.97	3.84
		SO <sub>2</sub>	<0.01	<0.01
		PM	0.04	0.16

(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) PM - particulate matter

VOC - volatile organic compounds as defined in General Rule 101.1

NO<sub>x</sub> - total oxides of nitrogen

SO<sub>2</sub> - sulfur dioxide

CO - carbon monoxide

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day\_\_\_\_\_Days/week\_\_\_\_\_Weeks/year\_\_\_\_\_or Hrs/year 8,760

Dated \_\_\_\_\_