

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 8988

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)	Emission Rates *	
			lb/hr	TPY
1	Incinerator	VOC	0.06	0.3
		NO <sub>x</sub>	3.5	15.5
		SO <sub>2</sub> (5, 6)	68.0	298.0
		PM <sub>10</sub>	0.3	1.3
		CO (5, 6)	16.32	71.5
		H <sub>2</sub> S (5, 6)	0.68	3.0
2	Flare	NO <sub>x</sub>	1.86	8.16
		CO	3.73	16.32
		SO <sub>2</sub>	0.08	4.04
		H <sub>2</sub> S	0.02	0.08
		VOC	12.64	5.86
3A	Boiler	NO <sub>x</sub>	3.78	16.56
		CO	0.94	4.14
		PM <sub>10</sub>	0.17	0.74
		VOC	0.07	0.33
		SO <sub>2</sub>	0.02	0.07
3B	Boiler	NO <sub>x</sub>	3.78	16.56
		CO	0.94	4.14
		PM <sub>10</sub>	0.17	0.74
		VOC	0.07	0.33
		SO <sub>2</sub>	0.02	0.07
4	Sulfur Pit Vent	H <sub>2</sub> S	<0.01	<0.01
8A	360-Hp Ajax Engine	NO <sub>x</sub>	1.31	4.77
		CO	2.21	8.07
		VOC	0.35	1.53
		SO <sub>2</sub>	<0.01	1.53

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
		PM <sub>10</sub>	0.07	0.32
8B	360-Hp Ajax Engine	NO <sub>x</sub>	1.31	4.77
		CO	2.21	8.07
		VOC	0.35	1.53
		SO <sub>2</sub>	<0.01	1.53
		PM <sub>10</sub>	0.07	0.32
EP-9	Fire Pump Engine (7)	NO <sub>x</sub>	4.8	0.12
		VOC	0.07	<0.01
		SO <sub>2</sub>	0.32	<0.01
		PM <sub>10</sub>	0.34	<0.01
		CO	1.04	0.02
FG-1	Fugitives (4)	VOC	1.22	5.34
		H <sub>2</sub> S	0.10	0.44

- (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 General Rule 101.1  
 NO<sub>x</sub> - total oxides of nitrogen  
 SO<sub>2</sub> - sulfur dioxide  
 PM<sub>10</sub> - particulate matter less than 10 microns in diameter  
 CO - carbon monoxide  
 H<sub>2</sub>S - hydrogen sulfide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Emission rates listed reflect the rate after June 1, 1998.
- (6) Interim maximum emission rates are as follows:

Prior to June 1, 1995:

SO<sub>2</sub> 1735.16 lbs/hr and 7,600 tpy

H<sub>2</sub>S 17.35 lbs/hr and 76.0 tpy

CO 573 lbs/hr and 2,511 tpy

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June 1, 1995 through June 30, 1998:

SO<sub>2</sub> 1360.00 lbs/hr and 5,958 tpy

H<sub>2</sub>S 13.60 lbs/hr and 59.6 tpy

CO 573 lbs/hr and 2,511 tpy

(7) Annual emission rates for the fire pump engine are based on a maximum operating schedule of 48 hrs/year.

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

Hrs/day\_\_\_\_\_Days/week\_\_\_\_\_Weeks/year\_\_\_\_\_ or Hrs/year8,760

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Dated\_\_\_\_\_ -