

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5581

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) <u>ton/yr</u>	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates*</u> lb/hr	
1	Centaur Turbines (2 with common stack)	PM	3.78	16.6
		VOC	0.77	3.97
		NO <sub>x</sub>	46.4	187
		SO <sub>2</sub>	1.22	5.34
		CO	23.0	33.5
17	Saturn TRBN 003	PM	0.06	0.28
		VOC	0.55	2.41
		NO <sub>x</sub>	4.46	19.55
		SO <sub>2</sub>	0.03	0.11
		CO	2.03	8.88
18	Saturn TRBN 004	PM	0.06	0.28
		VOC	0.55	2.41
		NO <sub>x</sub>	4.46	19.55
		SO <sub>2</sub>	0.03	0.11
		CO	2.03	8.88
19	Saturn TRBN 005	PM	0.06	0.28
		VOC	0.55	2.41
		NO <sub>x</sub>	4.46	19.55
		SO <sub>2</sub>	0.03	0.11
		CO	2.03	8.88
CO1	Cooling Tower (4)	VOC	0.084	0.37
F1	Fugitives (4)	VOC	0.26	1.16
F10	Fugitive (4)	VOC	1.58	6.92

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates*</u> lb/hr	
<u>ton/yr</u>				
Fl1 or Fl3	Flare (5)	VOC	0.014	0.06
		NO <sub>x</sub>	<0.001	0.008
		CO	0.004	0.016

- (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.
- (5) The emissions given are those relating to this facility; other flare emissions are covered by standard exemption (Fl1) or Permit No. 19931 (Fl3).

\* 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 \_\_\_\_\_