

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 21534

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	Flare	VOC	19.00	28.00
		NO _x	0.18	0.27
		CO 0.98	1.47	
2	Fugitives (4)	VOC	0.13	0.57
		ammonia	0.056	0.244
		chlorine	0.056	0.244
		HCl	0.056	0.244
		H ₂ S	0.056	0.244
		sulfur	0.021	0.092
		SO _x	0.057	0.244
		sulfuric acid	0.021	0.092
3	Wash Bay	VOC	0.68	0.65
4	Wastewater Treatment	VOC	2.68	3.88
5	Heel Storage Tank	VOC	0.95	0.34
6	Scrubber	ammonia	0.0037	0.015
		chlorine	0.015	0.064
		HCl	0.008	0.033
		H ₂ S	0.002	<0.001
		sulfur	0.028	<0.001
		SO _x	0.003	0.002
7	Carbon Adsorption Unit	VOC	0.10	0.13

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- (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_x - total oxides of nitrogen
 - CO - carbon monoxide
 - HCl - hydrogen chloride
 - H₂S - hydrogen sulfide
 - SO_x - sulfur oxides
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

_____Hrs/day _____Days/week _____Weeks/year or 8,760 Hrs/year

Dated_____