

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 30197

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

<u>Emission</u> *	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>
95-1A	Boiler No. 1	NO _x	0.48	2.10
		CO	0.10	0.44
		PM	0.06	0.25
		SO ₂	<0.01	0.01
		VOC	0.03	0.11
95-1B	Boiler No. 2	NO _x	0.40	1.75
		CO	0.08	0.37
		PM	0.05	0.21
		SO ₂	<0.01	0.01
		VOC	0.02	0.09
95-2	Flare	NO _x	2.4	10.5
		CO	4.8	20.9
		VOC	51.75	12.89
		HCl	1.56	0.47
		HBr	2.29	0.69
		HF	0.28	0.09
		HI	0.19	0.06
95-3	North Wash Rack	VOC	29.1	--
		Inorganics	2.61	--
95-4	South Wash Rack	VOC	38.82	--
		Inorganics	3.48	--
95-5	East Wash Rack	VOC	38.82	--
		Inorganics	3.48	--
95-15	Central Wash Rack	VOC	19.41	--
		Inorganics	1.74	--

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
95-3, 95-4	All Wash Racks	VOC	--	9.63
95-5, 95-15		Inorganics	--	5.85
95-6	Collection Sump	VOC	0.04	0.1
95-7	Initial Rinse (A)	VOC	<0.01	0.03
95-8	Initial Rinse (B)	VOC	<0.01	0.03
95-9	Wastewater Tank No. 1	VOC	0.04	0.06
95-10	Wastewater Tank No. 2	VOC	0.06	0.10
95-11	Wastewater Tank No. 3	VOC	0.05	0.08
95-12	Wastewater Tank No. 4	VOC	0.05	0.08
95-14	Wastewater Loading (4)	VOC	0.01	<0.01

(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) NO_x - total oxides of nitrogen

CO - carbon monoxide

PM - particulate matter

SO₂ - sulfur dioxide

VOC - volatile organic compounds as defined in General Rule 101.1

HCl - hydrogen chloride

HBr - hydrogen bromide

HF - hydrogen fluoride

HI - hydrogen iodide

(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	Emission Rates
Point No. (1)	Name (2)	Name (3)	lb/hr TPY

* 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 _____