

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 29304

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	Drum/dryer baghouse stack	VOC (a)	8.40	2.80
		VOC (b)	350.00	35.00
		VOC (c)	67.80	3.39
		NO _x	10.80	3.60
		CO	11.40	3.80
		SO ₂	16.61	5.84
		PM ₁₀	9.17	3.21
2	Material Handling (4)	TSP	6.57	2.19
		PM ₁₀	1.31	0.44
3	Stockpiles (4)	TSP	---	1.32
		PM ₁₀	---	0.64
		VOC (b)	0.32	0.53

(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 TNRCC General Rule 101.1

VOC(a) - from standard mix asphalt concrete

VOC(b) - from cold mix asphalt concrete

VOC(c) - total VOCs from recycled rubber modified asphalt concrete mixes

NO_x - nitrogen oxide

CO - carbon monoxide

SO₂ - sulfur dioxide

PM₁₀ - particulate matter less than 10 microns in diameter

TSP - total suspended particulate matter

(4) Fugitive emissions are an estimate only.

* Emission rates are based on and the facility is limited to the following asphalt concrete production rates and

operating schedule:

	<u>tons/hour</u>	<u>tons/year</u>
Standard hot mix		300 200,000
Recycled rubber modified mixes	300	30,000 (included in the standard hot mix hourly and annual limit)

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			lb/hr	TPY
	Cold mix asphalt with 5% AC-3 + 1% MC-30	300	**	
	Cold mix asphalt with emulsion	200	**	
	Cold mix asphalt with slow cure	175	**	
	Cold mix asphalt with rapid cure	140	**	
	Cold mix asphalt with medium cure	100	**	
	Railcar unloading	200		180,000

** Total cold mix production as governed by Special Condition No. 21.

10 hours/day 5 days/week 40 weeks/year 2,000 hours/year Dated _____