

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 7501

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**
8H-WS-6S	Hydrator 8H-6 (5)	PM ₁₀	1.54	6.39
8H-6-FUG	Hydrator 8H-6 (4,6)	PM ₁₀	<0.01	<0.01
7-VAF-6	7-ST-2: Fringe Tank Operations Baghouse	PM ₁₀	0.32	1.41
7-VAF-7	Lime Handling/Storage Baghouse	PM ₁₀	1.93	8.45
7-VAF-8	Lime Handling/Storage Baghouse (7)	PM ₁₀	0.96	2.11
7-VAF-9	Lime Handling/Storage Baghouse (7)	PM ₁₀	0.96	2.11

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) PM₁₀ - particulate matter equal to or less than 10 microns in diameter
- (4) Fugitive emissions are an estimate only.
- (5) Hydrator maximum rated lime feed capacity is 15 tons per hour (equivalent to 19.2 tons per hour of production) with a maximum rated annual lime feed input of 124,830 tons per year (equivalent to 160,000 tons per year of production). Operating schedule is limited to 8,322 hours per year.
- (6) Emissions are estimated based on approximately 750 pounds of lime dropped beneath the hydrator per event eight times a month. Each event will last approximately 15-20 minutes.
- (7) Maximum annual operation is limited to 4,380 hours per year.

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- * Except as noted in footnotes (5) and (7), emission rates are based on and the facilities are limited by the following maximum operating schedule:

24 Hrs/day 7 Days/week 52 Weeks/year

Baghouse outlet grain loading of 0.015 per dry standard cubic feet minute with various flow rates:

EPN 7-VAF-6 actual flow rate 2,500 cubic feet per minute

EPN 7-VAF-7 actual flow rate 15,000 cubic feet per minute

EPN 7-VAF-8 actual flow rate 7,500 cubic feet per minute

EPN 7-VAF-9 actual flow rate 7,500 cubic feet per minute

- ** Compliance with annual emission limits is based on a rolling 12-month period.

Dated May 11, 2009