EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 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}	1.2	5.0
8H-6_FUG	Hydrator 8H-6 (6)	PM_{10}	<0.01	<0.01
7-VAF-6	7-ST-2: Fringe Tank Operations	PM_{10}	0.32	1.41
7-VAF-7	Lime Handling/Storage (4)	PM_{10}	1.93	8.45
7-VAF-8	Lime Handling/Storage (4) (7)	PM_{10}	0.96	2.11
7-VAF-9	Lime Handling/Storage (4) (7)	PM_{10}	0.96	2.11

(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_{10} - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.

(4) Fugitive emissions are an estimate only.

(5) Hydrator maximum rated lime feed capacity is 15 tons per hour, and

annual lime feed input is 124,830 tons per year and is limited to 8,322 hours per year.

(6) This number is an estimate only and is based on approximately 750 pounds of lime dropped beneath the hydrator per event approximately 8 times a month. Each event will last about 15-20 minutes.

(7) Maximum hours of operation for these points are 4,380 per year.

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* Emission rates are estimates and are based on the following.

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

Dated_____