

Emission Sources – Maximum Allowable Emission Rates

Permit Number 1760B

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, sources, and related activities. 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 (7)	
			lbs/hour	TPY
1-6 and 10-12	Drop Points (4)	PM	0.24	0.20
		PM ₁₀	0.11	0.09
		PM _{2.5}	0.11	0.09
7	Dry Plant No. 1 Truck Loading (4) (5)	PM	2.89	2.41
		PM ₁₀	0.81	0.67
		PM _{2.5}	0.81	0.67
13	Wet Plant No. 2 Truck Loading (4) (5)	PM	2.89	2.41
		PM ₁₀	0.81	0.67
		PM _{2.5}	0.81	0.67
8	Dry Hopper Baghouse No. 1	PM ₁₀	0.03	0.13
		PM _{2.5}	0.03	0.13
14	Wet Hopper Baghouse No. 2	PM ₁₀	0.03	0.13
		PM _{2.5}	0.03	0.13
9	Dry Central Baghouse No. 1	PM ₁₀	0.72	3.15
		PM _{2.5}	0.72	3.15
15	Wet Central Baghouse No. 2	PM ₁₀	0.56	2.44
		PM _{2.5}	0.56	2.44
STK	Stockpiles (4) (6)	PM	--	0.12
		PM ₁₀	--	0.06
		PM _{2.5}	--	0.06

- (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 - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
 PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
 PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
- (4) Fugitive emissions are an estimate only.

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- (5) Emissions are based on the worst case percentage (93.1 percent) on the capture efficiency of the central baghouse.
- (6) Emission rates based on one acre of active stockpiles.
- (7) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: November 26, 2014