

Emission Sources - Maximum Allowable Emission Rates

Permit Number 6195A

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 (6)	
			lbs/hour	TPY (4)
Plant 1				
11	Crusher #1	PM	0.11	0.18
		PM ₁₀	0.05	0.08
		PM _{2.5}	0.01	0.01
12	Crusher #2	PM	0.11	0.18
		PM ₁₀	0.05	0.08
		PM _{2.5}	0.01	0.01
27	Crusher #3	PM	0.48	0.80
		PM ₁₀	0.22	0.36
		PM _{2.5}	0.04	0.07
28	Crusher #4	PM	0.48	0.80
		PM ₁₀	0.22	0.36
		PM _{2.5}	0.04	0.07
31	Crusher #5	PM	0.48	0.80
		PM ₁₀	0.22	0.36
		PM _{2.5}	0.04	0.07
48	Crusher #6	PM	0.30	0.50
		PM ₁₀	0.14	0.23
		PM _{2.5}	0.03	0.04
9	Screen #1	PM	3.30	5.50
		PM ₁₀	1.11	1.85

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		PM _{2.5}	0.08	0.13
14	Screen #2	PM	0.38	0.63
		PM ₁₀	0.13	0.22
		PM _{2.5}	0.02	0.03
16	Screen #3	PM	0.13	0.21
		PM ₁₀	0.04	0.07
		PM _{2.5}	0.01	0.01
23	Screen #24	PM	2.64	4.40
		PM ₁₀	0.89	1.48
		PM _{2.5}	0.06	0.10
34	Screen #5	PM	0.15	0.25
		PM ₁₀	0.05	0.09
		PM _{2.5}	0.01	0.01
36	Screen #6	PM	0.15	0.25
		PM ₁₀	0.05	0.09
		PM _{2.5}	0.01	0.01
38	Screen #7	PM	0.08	0.13
		PM ₁₀	0.03	0.04
		PM _{2.5}	<0.01	0.01
46	Screen #8	PM	1.10	1.83
		PM ₁₀	0.37	0.62
		PM _{2.5}	0.03	0.04
67	Screen #9	PM	0.44	0.73
		PM ₁₀	0.15	0.25
		PM _{2.5}	0.01	0.02
1-8, 10, 13, 15, 17-22, 24-26, 29-30, 32-33, 35,	Material Handling (5)	PM	5.35	8.91

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		PM ₁₀	1.76	2.94
		PM _{2.5}	0.49	0.82
STK	Stockpiles (5)	PM	---	9.15
		PM ₁₀	---	4.60
		PM _{2.5}	---	0.71
Plant 2				
H5	Feed Hopper	PM	0.02	0.02
		PM ₁₀	0.01	0.01
		PM _{2.5}	<0.01	<0.01
SC10	Screen #10 (Primary Screens)	PM	1.54	1.98
		PM ₁₀	0.52	0.67
		PM _{2.5}	0.04	0.05
CR7	Crusher #7 (Primary Crusher [Non-jaw])	PM	0.60	0.77
		PM ₁₀	0.27	0.35
		PM _{2.5}	0.05	0.06
SC11	Screen #11 (Secondary Screen)	PM	1.10	1.41
		PM ₁₀	0.37	0.48
		PM _{2.5}	0.03	0.03
MH1	Material Handling Fugitives (F1, C1-C11) (5)	PM	0.36	0.46
		PM ₁₀	0.12	0.15
		PM _{2.5}	0.03	0.04
Permit Emission Cap				
All Permitted Emission Points	All Permitted Sources	PM	15.68	35.25
		PM ₁₀	5.48	13.72
		PM _{2.5}	0.89	2.16

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.
Project Number: 287790

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- (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) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Planned startup and shutdown emissions are included, as well as planned maintenance activities identified as part of permit amendment issued on July 5, 2013.

Date: September 10, 2018