

Emission Sources - Maximum Allowable Emission Rates

Permit Number 151969

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)
303	Sand & Gravel Crusher (5)	PM	1.08	1.20
		PM ₁₀	0.53	0.59
		PM _{2.5}	0.08	0.09
501	Sand & Gravel Screen 1 (5)	PM	0.10	0.07
		PM ₁₀	0.03	0.02
		PM _{2.5}	<0.01	<0.01
502	Sand & Gravel Screen 2 (5)	PM	0.10	0.07
		PM ₁₀	0.03	0.02
		PM _{2.5}	<0.01	<0.01
503	Sand & Gravel Screen 3 (5)	PM	0.11	0.08
		PM ₁₀	0.04	0.03
		PM _{2.5}	<0.01	<0.01
504	Sand & Gravel Screen 4 (5)	PM	0.10	0.07
		PM ₁₀	0.03	0.02
		PM _{2.5}	<0.01	<0.01
HB3 – HB8, 101 – 121, 201 – 203, 301 – 302, 304 – 308, 401 – 405 and Aggregate Handling	Sand & Gravel Material Handling Plant 1 (5)	PM	11.90	8.27
		PM ₁₀	4.10	2.85
		PM _{2.5}	0.72	0.50
STK	Stockpiles (5)	PM	3.13	13.71
		PM ₁₀	1.49	6.53
		PM _{2.5}	0.23	0.99
602	Secondary Crusher (5)	PM	0.30	0.30
		PM ₁₀	0.14	0.14
		PM _{2.5}	0.03	0.03

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606	Sand and Gravel Screen 5 (5)	PM	0.55	0.55
		PM ₁₀	0.19	0.19
		PM _{2.5}	0.01	0.01
601, 603, 605, and 607	Material Handling Plant 2 (5)	PM	0.14	0.14
		PM ₁₀	0.05	0.05
		PM _{2.5}	0.01	0.01
604	Engine 1	PM	0.01	0.05
		PM ₁₀	0.01	0.05
		PM _{2.5}	0.01	0.05
		VOC	0.11	0.48
		NO _x	0.23	1.01
		SO ₂	0.72	3.14
		CO	2.01	8.82
608	Engine 2	PM	0.01	0.03
		PM ₁₀	0.01	0.03
		PM _{2.5}	0.01	0.03
		VOC	0.05	0.24
		NO _x	0.11	0.50
		SO ₂	0.36	1.56
		CO	1.43	6.26

- (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) 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. Maintenance activities are not authorized by this permit.

Date: November 8, 2019