

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY

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Permit Number 73971

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.

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY

VOCA PIT

CR001	Primary Crusher (4)	PM	0.05	0.23
		PM ₁₀	0.03	0.11
DH001	Loading/Unloading Operations (4)	PM	0.02	0.07
		PM ₁₀	0.01	0.03
MHFUG	Material Handling (4, 5)	PM	2.36	10.32
		PM ₁₀	1.03	4.50
SP001	Product Stockpile (4)	PM	-	0.60
		PM ₁₀	-	0.30

WASH PLANT NO. 1

CR002, CR003	Secondary Crusher (4, 6)	PM	0.02	0.07
		PM ₁₀	0.01	0.03
SC001, SC002	Initial Screening Operations (4)	PM	0.28	1.24
		PM ₁₀	0.14	0.60
SC003	Oversize Screen (4)	PM	0.09	0.41

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			lb/hr	TPY
		PM ₁₀	0.05	0.20
SC004, SC005, and SC006	Product Screening Operations (4)	PM	0.24	1.05
		PM ₁₀	0.12	0.51
DH002	Wet Haul Truck Load-Out (4)	PM	0.03	0.14
		PM ₁₀	0.02	0.07
MHFUG	Material Handling (4, 7)	PM	0.33	1.42
		PM ₁₀	0.15	0.63
SP002	Product Stockpile (4)	PM	-	0.02
		PM ₁₀	-	0.01
SP003	Oversize Stockpile (4)	PM	-	0.01
		PM ₁₀	-	0.01
SP004	Foundry Sand Stockpile (4)	PM	-	0.01
		PM ₁₀	-	0.01

(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 - particulate matter, suspended in the atmosphere, including PM₁₀.

PM₁₀ - particulate matter 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) Includes EPNs P001 through P007

(6) Secondary Crushers CR002 and CR003 may operate simultaneously with combined throughput not to exceed 300 tons per hour (tph) and 2,628,000 tons per year (tpy).

(7) Includes EPNs CT001 through CT010

* Emission rates are based on and the facilities are limited by the following maximum operating schedule and production rates:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Primary Crusher (EPN CR001): 250 tph 2,190,000 tpy

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			lb/hr	TPY
Secondary Crushers (EPNs CR002 and CR003):				
		<u>300</u> tph	<u>2,628,000</u>	tpy
Voca Pit Production:				
		<u>900</u> tph	<u>7,884,000</u>	tpy
Wash Plant No. 1 Production:				
		<u>396</u> tph	<u>3,468,960</u>	tpy
Total Facility:				
			<u>3,468,960</u>	tpy

Dated March 20, 2006