

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 19787

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)	Name (3)	lb/hr	TPY	<u>Emission Rates *</u>	
Original Wet Sand and Gravel Process						
SGP-1	Primary Jaw Crusher (4)	TSP	67.2		95.2	
			PM10		33.6	47.6
SGP-2	Secondary Cone Crusher (4)	TSP			12.6	19.7
			PM10		6.3	9.8
SGP-3	Screens (4)	TSP			7.2	11.2
			PM10		3.6	5.6
SGP-4	Material Handling (4)	TSP	8.9		10.8	
			PM10		4.5	5.4
SGP-5	Stockpiles (4)	TSP			-	3.1
			PM10		-	1.5
SGP-6	Loading/Unloading (4)	TSP	1.4		2.1	
			PM10		0.7	1.0
SGP-7	Roads (4)	TSP			-	7.1
			PM10		-	3.5
Number One Caliche Crusher and Screening Process						
NOC-1	Crusher (4)	TSP			28.0	28.0
			PM10		14.0	14.0
NOC-2	Material Handling (4)	TSP	3.7		3.2	
			PM10		1.9	1.6
NOC-3	Screening (4)	TSP			11.3	12.0
			PM10		5.6	6.0

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

New Dry Sand Process

NSP-1	Jaw Crusher (4)	TSP	12.6	19.7
		PM10	6.3	9.8

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA						
Emission Name (3)	Source lb/hr	TPY	Air Contaminant	Emission Rates*	Point No. (1)	Name (2)
NSP-2		12'x10' 3-Deck Screen (4)	TSP	7.2	11.2	
				PM10	3.6	5.6
NSP-3		Sanco Crusher (4)		TSP	67.2	47.6
				PM10	33.6	23.8
NSP-4		8' x 20' 3-Deck Screen (4)	TSP	38.4	40.8	
				PM10	19.2	20.4
NSP-5		Material Handling (4)	TSP	5.3	8.2	
				PM10	2.6	4.1
NSP-6		Stockpiles (4)		TSP	-	0.7
				PM10	-	0.4
NSP-7		Loading/Unloading (4)	TSP	18.0	28.0	
				PM10	9.0	14.0
NSP-8		Roads (4)		TSP	-	9.8
				PM10	-	4.9
Number Two Caliche Crusher and Screening Process						
NTC-1		Crusher (4)		TSP	28.0	28.0
				PM10	14.0	14.0
NTC-2		Material Handling (4)	TSP	3.7	3.2	
				PM10	1.9	1.6
NTC-3		Screening (4)		TSP	4.8	7.5
				PM10	2.4	3.8

- (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) TSP - Total suspended particulate matter (including PM10)
PM10 - Particulate matter less than 10 microns in diameter

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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

Hrs/day 8 Days/week 5 Weeks/year 50

Process Name	Tons/Hour	Tons/Year
Original Wet Sand and Gravel Process	240	680,000
Number One Caliche Crusher and Screening Process	100	200,000
New Dry Sand Process	200	936,000
Number Two Caliche Crusher and Screening Process	100	200,000

Dated _____