

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 78156L001

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)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
4	Jaw Crusher (4)	PM	0.02	0.01
		PM <sub>10</sub>	0.01	0.01
6	Cone Crusher (4)	PM	0.11	0.06
		PM <sub>10</sub>	0.05	0.03
7	Power Screen (4)	PM	1.13	0.90
		PM <sub>10</sub>	0.39	0.31
3, 5	Screening Operations (4) (5)	PM	1.12	0.56
		PM <sub>10</sub>	0.40	0.20
TRK	Truck Operations (4) (6)	PM	0.03	0.02
		PM <sub>10</sub>	0.01	0.01
MTL	Material Handling (4)(7)	PM	0.14	0.06
		PM <sub>10</sub>	0.04	0.02
STK	Stockpiles (4)	PM	-	9.80
		PM <sub>10</sub>	-	4.90
TNK	Diesel Tank	VOC	< 0.01	< 0.01
1	Caterpillar 3412C	PM <sub>10</sub>	0.35	0.26
	Diesel Generator	VOC	0.52	0.39
		NO <sub>x</sub>	17.16	12.87
		SO <sub>2</sub>	1.74	1.30
		CO	3.78	2.84

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
7A	Power Screen Engine Deutz BF4M2012	PM <sub>10</sub>	0.21	0.16
		VOC	0.23	0.17
		NO <sub>x</sub>	2.99	2.24
		SO <sub>2</sub>	0.20	0.15
		CO	0.06	0.05

- (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 PM<sub>10</sub>.  
PM<sub>10</sub> - 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.
- VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- NO<sub>x</sub> - total oxides of nitrogen
- SO<sub>2</sub> - sulfur dioxide
- CO - carbon monoxide
- (4) Fugitive emissions are an estimate only.
- (5) Includes emissions from the two screens.
- (6) Truck operations includes loading, unloading, and reclaiming fines back to pit.
- (7) Material Handling includes drops off screens to conveyors.

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

10 Hrs/day 5 Days/week 30 Weeks/year or 1,500 Hrs/year

Jaw Crusher (EPN 4): 150 Tons/ hour 148,500 Tons/ year

Power Screen (EPN 7): 300 Tons/hour 480,000 Tons/ year

Unloading fragmented stone: 500 Tons/hour

840,000

Tons/year

All other equipment: 150 Tons/ hour 148,500 Tons/ year

Dated July 28, 2006

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