

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 6039

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
<u>Crushing Plant</u>					
3	Crusher 1 (4)	PM		0.08	0.08
		PM <sub>10</sub>		0.04	0.04
11	Crusher 2 (4)	PM		0.04	0.04
		PM <sub>10</sub>		0.02	0.02
2	Mosabi Screen (4)	PM		0.13	0.13
		PM <sub>10</sub>	0.06	0.06	
5	Screen 1 (4)	PM		0.79	0.79
		PM <sub>10</sub>	0.38	0.38	
1, 4, 6-10, 12, 13 MTL	Material Handling (4)	PM		0.25	0.25
		PM <sub>10</sub>		0.14	0.11
ENG1	Engine	NO <sub>x</sub>		9.86	14.79
		CO	0.79	1.19	
		SO <sub>2</sub>	0.82	1.23	
		VOC	0.15	0.23	
		PM <sub>10</sub>	0.17	0.26	
ENG2	Generator Set	NO <sub>x</sub>		4.64	6.96
		CO	0.64	0.96	
		SO <sub>2</sub>	0.62	0.92	
		VOC	0.56	0.84	
		PM <sub>10</sub>	0.10	0.15	

ENG3	Generator Set		NO <sub>x</sub>	5.83	8.75
		CO	0.25	0.38	
		SO <sub>2</sub>	0.99	1.49	
		VOC	0.07	0.11	
		PM <sub>10</sub>	0.06	0.09	

#### Screening Plant

15	Screen 2 (4)		PM	0.35	0.35
		PM <sub>10</sub>	0.17	0.17	
14, 16-19	Material Handling (4)		PM	0.03	0.03
		PM <sub>10</sub>	0.01	0.01	

ENG4	Generator Set		NO <sub>x</sub>	5.36	4.02
		CO	1.96	1.47	
		SO <sub>2</sub>	0.69	0.52	
		VOC	0.67	0.50	
		PM <sub>10</sub>	0.07	0.05	

#### Stockpiles

STK	Stockpiles (4)		PM	---	6.50
		PM <sub>10</sub>	---	3.10	

- (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 suspended particulate matter including PM<sub>10</sub>.  
PM<sub>10</sub> - particulate matter of 10 microns or less  
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

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			<u>lb/hr</u>	<u>TPY</u>

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(4) Fugitive emissions are an estimate only.

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

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

500 Tons/hour 1,000,000 Tons/year

Dated August 22, 2006