

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 87730L001

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)	<u>Emission Rates</u>	
			lb/hr	TPY
11	Crusher No 1 (jaw) (4)	PM	0.07	0.16
		PM <sub>10</sub>	0.04	0.08
20	Crusher No. 2 (cone) (4)	PM	0.42	0.90
		PM <sub>10</sub>	0.19	0.41
29	Crusher No. 3 (horizontal shaft impact) (4)	PM	0.24	0.60
		PM <sub>10</sub>	0.11	0.27
3	Screen No. 1 (4)	PM	0.77	1.65
		PM <sub>10</sub>	0.26	0.56
12	Screen No. 2 (4)	PM	0.77	1.65
		PM <sub>10</sub>	0.26	0.56
21	Screen No. 3 (4)	PM	0.77	1.65
		PM <sub>10</sub>	0.26	0.56
30	Screen No. 4 (4)	PM	0.44	1.10
		PM <sub>10</sub>	0.15	0.37
	Material Handling (4)	PM	0.73	1.49
		PM <sub>10</sub>	0.19	0.54

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38	Engine No. 1 (Caterpillar 3406)	PM <sub>10</sub>	0.11	0.25
		VOC	0.05	0.12
		NO <sub>x</sub>	6.65	14.53
		SO <sub>2</sub>	1.00	2.19
		CO	0.99	2.17
39	Engine No. 2 (Caterpillar 3406)	PM <sub>10</sub>	0.11	0.25
		VOC	0.05	0.12
		NO <sub>x</sub>	6.65	14.53
		SO <sub>2</sub>	1.00	2.19
		CO	0.99	2.17
40	Engine No. 3 (John Deere 6125-A)	PM <sub>10</sub>	0.06	0.13
		VOC	0.22	0.48
		NO <sub>x</sub>	5.65	12.34
		SO <sub>2</sub>	0.67	1.46
		CO	0.22	0.48
41	No. 2 Fuel Oil Tank	VOC	<0.01	<0.01
STK	Stockpiles (4)	PM		3.37
		PM <sub>10</sub>		1.68

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan flow diagram.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3)
  - PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>
  - PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter
  - PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
  - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
  - SO<sub>2</sub> - sulfur dioxide
  - NO<sub>x</sub> - nitrogen oxides
  - CO - carbon monoxide
- (4) Fugitive emissions are an estimate only.

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Dated: