

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

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

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Permit Number 54460L001

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**

## CRUSHING LINE

1A	Grizzly Screen (4)	PM	0.22	0.41
		PM <sub>10</sub> 0.11	0.20	
2A	Crusher (4)	PM	0.03	0.05
		PM <sub>10</sub> <0.02	0.02	
2B	Crusher Engine	PM	0.48	0.90
		NO <sub>x</sub> 6.82	12.75	
		CO 1.47	2.75	
		SO <sub>2</sub> 0.45	0.84	
		VOC 0.55	1.03	
CL-MH	Material Handling (4)	PM	<0.02	0.03
		PM <sub>10</sub> <0.01	0.01	

## MARK II SCREEN LINE

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			lb/hr	TPY**
5	Grizzly Screen (4)	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	
6A	Mark II Screen (4)	PM	0.18	0.33
		PM <sub>10</sub>	0.16	
12	Screen Primary Engine	PM	0.10	0.19
		NO <sub>x</sub>	2.62	
		CO	0.56	
		SO <sub>2</sub>	0.17	
		VOC	0.21	
13	Screen Secondary Engine	PM	0.08	0.15
		NO <sub>x</sub>	2.00	
		CO	0.43	
		SO <sub>2</sub>	0.13	
		VOC	0.16	
M2S-MH	Material Handling (4)	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	
	CHIEFTAIN SCREEN LINE			
10	Chieftain Screen (4)	PM	0.27	0.50
		PM <sub>10</sub>	0.24	
CSL-MH	Material Handling (4)	PM	0.02	0.03
		PM <sub>10</sub>	0.02	
14	Chieftain Screen Engine	PM	0.22	0.41
		NO <sub>x</sub>	5.80	
		CO	1.25	
		SO <sub>2</sub>	0.39	
		VOC	0.47	

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## SITE OPERATIONS

15	Water Pump Engine	PM	0.18	0.34
		NO <sub>x</sub>	1.92	3.59
		CO	0.53	0.99
		SO <sub>2</sub>	0.16	0.31
		VOC	0.20	0.38
SP-FUG	Stockpiles (4)	PM		1.29
		PM <sub>10</sub>	0.65	

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) 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
- 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 PM greater than 10 microns is emitted.
- CO - carbon monoxide
- (4) Fugitive emissions are an estimate only.

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

12 Hrs/day 6 Days/week 52 Weeks/year or 3744 Hrs/year, but daylight hours only.

Facility	Maximum Hourly Throughput	Maximum Annual	
		(Tons)	(Tons)
Crusher	125		468,000

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Mark II Screen	100	374,400
Chieftain Screen	150	561,600

\*\* Compliance with annual emission limits is based on a rolling 12-month period.

Dated September 26, 2003