

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 3502

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
	Receiving	PM	0.90	
		PM <sub>10</sub>	0.45	
	Dump Pit	PM	3.60	
		PM <sub>10</sub>	1.80	
	Truck Receiving Pit	PM	3.60	
		PM <sub>10</sub>	1.80	
	Truck Dump	PM	3.60	
		PM <sub>10</sub>	1.80	
	Total Receiving Operations	PM		3.38
		PM <sub>10</sub>		1.70
	Sandscreen	PM	0.45	
		PM <sub>10</sub>	0.23	
	Warehouse No. 21/ Sandscreen No. 1	PM	1.80	
		PM <sub>10</sub>	0.90	
	Warehouse No. 21/ Sandscreen No. 2-P2	PM	1.80	
		PM <sub>10</sub>	0.90	
	New Warehouse Sandscreen No. 1	PM	1.80	
		PM <sub>10</sub>	0.90	
	New Warehouse Sandscreen No. 2	PM	1.80	
		PM <sub>10</sub>	0.90	
	Total Screening	PM		3.38

Operations

PM<sub>10</sub>

1.70

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AIR

## CONTAMINANTS DATA

Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
	Drying	PM <sub>10</sub>	0.25	0.81
		VOC	0.12	0.39
		NO <sub>x</sub>	2.04	6.72
		CO	0.43	1.41
		SO <sub>2</sub>	0.01	0.04
1A&B	Gravity Cyclone	PM <sub>10</sub>	0.26	0.66
2A&B	Gravity Cyclone	PM <sub>10</sub>	0.26	0.66
3A&B	Gravity Cyclone	PM <sub>10</sub>	0.26	0.66
4A&B	Split Gravity Cyclone	PM <sub>10</sub>	0.26	0.66
5A&B	Split Gravity Cyclone	PM <sub>10</sub>	0.26	0.64
6A&B	Sound Whole Gravity	PM <sub>10</sub>	0.21	0.53
7	Pre-Cleaner Trash Collector 0.45		PM <sub>10</sub>	0.18
9	Top Pre-Cleaner	PM <sub>10</sub>	0.16	0.40
10	Bottom Pre-Cleaner	PM <sub>10</sub>	0.16	0.40
11	Dust Fan Cyclone	PM <sub>10</sub>	0.18	0.45
12	Trash Cut Fan	PM <sub>10</sub>	0.28	0.71
14A&B	Nub Sheller	PM <sub>10</sub>	0.21	0.53
16	Lead Sheller	PM <sub>10</sub>	0.13	0.34

Gravity Separator No. 1	PM <sub>10</sub>	0.31	0.77
Gravity Separator No. 2	PM <sub>10</sub>	0.31	0.77
Gravity Separator No. 3	PM <sub>10</sub>	0.31	0.77
Loadout	PM	0.45	0.56
	PM <sub>10</sub>	0.23	0.28

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- (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 General Rule 101.1  
 NO<sub>x</sub> - total oxides of nitrogen  
 CO - carbon monoxide  
 SO<sub>2</sub> - sulfur dioxide

\* Refer to Special Condition No. 1 for throughput limitations and basis of emission rates.

Dated\_\_\_\_\_