

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

20094

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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
UL	Wet Coke Unload Baghouse			PM10	0.857	0.857
CU	Coke Load in Silo Baghouse			PM10	0.857	0.161
CB	Coke Blending Baghouse			PM10	0.857	0.161
YC	Drop to Y Conveyor (4)			TSP	0.046	0.054
				PM10	0.022	0.027
SB	Screen Baghouse			PM10	0.320	0.380
MIX	Mixing Basin Baghouse			PM10	0.086	0.118
LS	Lumps Stockpile (4)			TSP	0.011	0.014
				PM10	0.006	0.007
FL1	Front-end Loader (4)			TSP	0.262	0.158
				PM10	0.122	0.073
DZ2	Dozer Trap to C1 (4)			TSP	0.038	0.054
				PM10	0.018	0.027
Y	Drop to Y Chute (4)			TSP	0.015	0.054
				PM10	0.007	0.027
YS	Y Drop to Screens (4)			TSP	0.015	0.020
				PM10	0.007	0.010

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YOP	Y Drop to OPC (4)	TSP	0.015	0.054
		PM10	0.007	0.027
OPC	PC2 Drop to OPC (4)	TSP	0.114	0.068
		PM10	0.055	0.034

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	<u>Emission Rates *</u> TPY
DDH	OPC to Dock Hopper (4)	TSP	0.114	0.068
		PM10	0.060	0.034
C2	Conveyor 2 (4)	TSP	0.046	0.068
		PM10	0.022	0.034
RS	Radial Stacker (4)	TSP	0.046	0.068
		PM10	0.022	0.034
RC	RS Drop to Railcar (4)	TSP	0.046	0.068
		PM10	0.022	0.034
RY	RS Drop to Conveyor (4)	TSP	0.046	0.068
		PM10	0.022	0.034
FS	Fines Stockpile (4)	TSP	0.046	0.054
		PM10	0.022	0.027
FL2	Front-end Loader (4)	TSP	0.105	0.158
		PM10	0.049	0.073
PC1	Portable Conveyor 1 (4)	TSP	0.114	0.054
		PM10	0.055	0.027
PC2	Portable Conveyor 2 (4)	TSP	0.046	0.054
		PM10	0.022	0.027
SP1	Stockpile Emissions	TSP	1.506	6.596

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	No. 1 (4)	PM10	0.723	3.166
SP2	Stockpile Emissions No. 2 (4)	TSP	0.298	1.306
		PM10	0.143	0.627
V1	Truck Traffic (4)	TSP	6.319	0.790
		PM10	3.089	0.386
V2	Bulldozer Traffic (4)	TSP	0.607	1.423
		PM10	0.273	0.640
V3	Front-end Loader (4)	TSP	0.519	1.217
		PM10	0.234	0.640

- (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) TSP - Total suspended particulate matter including PM10.  
PM10 - particulate matter less than 10 microns in diameter.
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

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

Based on a maximum combined hourly throughput rate of 400 tons and a maximum combined annual rate of 950,000 tons of petroleum coke, washed aggregate, washed sand and gravel.

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Revised\_\_\_\_\_