

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 56549

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, sources, and related activities. 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 (6)	
			lbs/hour	TPY (4)
DF #5	Rail Receiving Hopper Baghouse Stack (Rail Receiving Hoppers Nos. 1 and 2)	PM	4.53	19.82
		PM <sub>10</sub>	4.53	19.82
		PM <sub>2.5</sub>	4.53	19.82
DF #2	Truck Receiving Pit Baghouse Stack (Truck Receiving Pits Nos. 1 and 2)	PM	2.86	12.54
		PM <sub>10</sub>	2.86	12.54
		PM <sub>2.5</sub>	2.86	12.54
RRH-1	Rail Receiving Hopper No. 1 (5)	PM	0.36	0.88
		PM <sub>10</sub>	0.09	0.20
		PM <sub>2.5</sub>	0.02	0.03
RRH-2	Rail Receiving Hopper No. 2 (5)	PM	0.36	0.88
		PM <sub>10</sub>	0.09	0.20
		PM <sub>2.5</sub>	0.02	0.03
RRH-3	Rail Receiving Hopper No. 3 (DDG Handling) (5)	PM	1.60	0.88
		PM <sub>10</sub>	0.39	0.20
		PM <sub>2.5</sub>	0.07	0.03
TD-1	Truck Receiving Pit No. 1 (5)	PM	0.20	0.88
		PM <sub>10</sub>	0.04	0.20
		PM <sub>2.5</sub>	0.01	0.03
TD-2	Truck Receiving Pit No. 2 (5)	PM	0.20	0.88
		PM <sub>10</sub>	0.04	0.20

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		PM <sub>2.5</sub>	0.01	0.03
	Total Receiving Operations (5)	PM	--	0.88
		PM <sub>10</sub>	--	0.20
		PM <sub>2.5</sub>	--	0.03
DF #4	Grain Cleaner Nos. 1 and 2 Baghouse Stack	PM	1.26	1.58
		PM <sub>10</sub>	1.26	1.58
		PM <sub>2.5</sub>	1.26	1.58
DF #6	Storage Bin Baghouse Stack (A house)	PM	0.22	0.94
		PM <sub>10</sub>	0.22	0.94
		PM <sub>2.5</sub>	0.22	0.94
CDC #1- #6	Storage Bin Cyclones (B House)	PM	1.40	6.13
		PM <sub>10</sub>	1.40	6.13
		PM <sub>2.5</sub>	1.40	6.13
DF #1	Storage Bin Baghouse Stack (C House)	PM	0.22	0.94
		PM <sub>10</sub>	0.22	0.94
		PM <sub>2.5</sub>	0.22	0.94
DF #7	Superspouts East and West Baghouse Stack	PM	1.61	7.05
		PM <sub>10</sub>	1.61	7.05
		PM <sub>2.5</sub>	1.61	7.05
DF #3	Railcar Loadout Baghouse Stack	PM	2.79	12.22
		PM <sub>10</sub>	2.79	12.22
		PM <sub>2.5</sub>	2.79	12.22
PR-1	Dust Tank Filter Vent	PM	0.09	0.38
		PM <sub>10</sub>	0.09	0.38
		PM <sub>2.5</sub>	0.09	0.38
RHCL-1	Railcar Loadout Spout (5)	PM	2.32	25.51

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		PM <sub>10</sub>	0.19	7.80
		PM <sub>2.5</sub>	0.03	1.35
SLO-1	Superspout No. 1 (Ship Loadout) (5)	PM	5.38	25.51
		PM <sub>10</sub>	1.34	7.80
		PM <sub>2.5</sub>	0.25	1.35
SLS-5	Ship Loading Spout No. 5 (5)	PM	2.69	25.51
		PM <sub>10</sub>	0.67	7.80
		PM <sub>2.5</sub>	0.12	1.35
SLO-E	Superspout East (Ship Loadout) (5)	PM	5.38	25.51
		PM <sub>10</sub>	1.34	7.80
		PM <sub>2.5</sub>	0.25	1.35
SLO-W	Superspout West (Ship Loadout) (5)	PM	5.38	25.51
		PM <sub>10</sub>	1.34	7.80
		PM <sub>2.5</sub>	0.25	1.35
TLO	Truck Loadout Spout (5)	PM	48.16	12.04
		PM <sub>10</sub>	16.24	4.06
		PM <sub>2.5</sub>	2.74	0.69
TLO-DDG	Truck Loadout Spout (Portable Auger) (DDG Handling) (5)	PM	43.00	4.30
		PM <sub>10</sub>	14.50	1.45
		PM <sub>2.5</sub>	2.45	0.25
	Total Loadout Operations (5)	PM	--	25.51
		PM <sub>10</sub>	--	7.80
		PM <sub>2.5</sub>	--	1.35

- (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 particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented

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PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented

PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

(5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

(6) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: October 9, 2015