

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 72865

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)
P R1	Railcar Receiving Pit R1 (5)	PM	0.51	--
		PM <sub>10</sub>	0.08	--
		PM <sub>2.5</sub>	0.01	--
P R2	Railcar Receiving Pit R2 (5)	PM	0.51	--
		PM <sub>10</sub>	0.08	--
		PM <sub>2.5</sub>	0.01	--
P R3	Railcar Receiving Pit R3 (5)	PM	0.17	--
		PM <sub>10</sub>	0.03	--
		PM <sub>2.5</sub>	0.01	--
P R4	Railcar Receiving Pit R4 (5)	PM	1.02	--
		PM <sub>10</sub>	0.15	--
		PM <sub>2.5</sub>	0.03	--
P R5	Railcar Receiving Pit R5 (5)	PM	1.70	--
		PM <sub>10</sub>	0.25	--
		PM <sub>2.5</sub>	0.04	--
P T1	Truck Receiving Pit T1 (5)	PM	0.51	--
		PM <sub>10</sub>	0.08	--
		PM <sub>2.5</sub>	0.01	--
P T2	Truck Receiving Pit T2 (5)	PM	0.51	--
		PM <sub>10</sub>	0.08	--
		PM <sub>2.5</sub>	0.01	--
P T3	Truck Receiving Pit T3 (5)	PM	1.02	--
		PM <sub>10</sub>	0.15	--
		PM <sub>2.5</sub>	0.03	--

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P T4	Truck Receiving Pit T4 (5)	PM	0.43	--
		PM <sub>10</sub>	0.06	--
		PM <sub>2.5</sub>	0.01	--
	Total Annual Receiving Operations	PM	--	1.70
		PM <sub>10</sub>	--	0.25
		PM <sub>2.5</sub>	--	0.04
C1	Pellet Cooler Cyclone C1 Stack	PM	0.11	--
		PM <sub>10</sub>	0.02	--
		PM <sub>2.5</sub>	0.01	--
C2	Pellet Cooler Cyclone C2 Stack	PM	0.11	--
		PM <sub>10</sub>	0.02	--
		PM <sub>2.5</sub>	0.01	--
C4	Pellet Cooler Cyclone C4 Stack	PM	0.11	--
		PM <sub>10</sub>	0.02	--
		PM <sub>2.5</sub>	0.01	--
C5	Pellet Cooler Cyclone C5 Stack	PM	0.11	--
		PM <sub>10</sub>	0.02	--
		PM <sub>2.5</sub>	0.01	--
C6	Pellet Cooler Cyclone C6 Stack	PM	0.11	--
		PM <sub>10</sub>	0.02	--
		PM <sub>2.5</sub>	0.01	--
C10	Pellet Cooler Cyclone C10 Stack	PM	0.11	--
		PM <sub>10</sub>	0.02	--
		PM <sub>2.5</sub>	0.01	--
	Total Annual Pellet Cooler Operations	PM	--	1.56
		PM <sub>10</sub>	--	0.22
		PM <sub>2.5</sub>	--	0.04
C3	Corn Aspirator Stack	PM	0.53	7.50
		PM <sub>10</sub>	0.13	1.90

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		PM <sub>2.5</sub>	0.02	0.32
C7	Loadout Ventilation Stack	PM	0.70	2.32
		PM <sub>10</sub>	0.23	0.78
		PM <sub>2.5</sub>	0.04	0.13
C8	Aspirator Assist Stack	PM	0.53	7.50
		PM <sub>10</sub>	0.13	1.90
		PM <sub>2.5</sub>	0.02	0.32
C9	Aspirator Assist Stack	PM	0.53	7.50
		PM <sub>10</sub>	0.13	1.90
		PM <sub>2.5</sub>	0.02	0.32
LR2	Rail Loadout LR2 (5)	PM	2.58	--
		PM <sub>10</sub>	0.87	--
		PM <sub>2.5</sub>	0.15	--
LT 3a	Finished Feed Loadout LT 3a (5)	PM	12.90	--
		PM <sub>10</sub>	4.35	--
		PM <sub>2.5</sub>	0.74	--
LT 3b	Finished Feed Loadout LT 3b (5)	PM	12.90	--
		PM <sub>10</sub>	4.35	--
		PM <sub>2.5</sub>	0.74	--
LT 4a	Ground Corn Loadout LT 4a (5)	PM	1.03	--
		PM <sub>10</sub>	0.35	--
		PM <sub>2.5</sub>	0.06	--
LT 4b	Ground Corn Loadout LT 4b (5)	PM	1.03	--
		PM <sub>10</sub>	0.35	--
		PM <sub>2.5</sub>	0.06	--
LT 4c	Ground Corn Loadout LT 4c (5)	PM	1.03	--
		PM <sub>10</sub>	0.35	--
		PM <sub>2.5</sub>	0.06	--
LT 5	Peanut Hull Loadout LT5 (5)	PM	0.26	--

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		PM <sub>10</sub>	0.09	--
		PM <sub>2.5</sub>	0.01	--
LT 6a	Soy Meal Loadout LT 6a (5)	PM	2.15	--
		PM <sub>10</sub>	0.73	--
		PM <sub>2.5</sub>	0.12	--
LT 6b	Soy Meal Loadout LT 6b (5)	PM	2.15	--
		PM <sub>10</sub>	0.73	--
		PM <sub>2.5</sub>	0.12	--
LT6c	Soy Meal Loadout LT 6c (5)	PM	2.15	--
		PM <sub>10</sub>	0.73	--
		PM <sub>2.5</sub>	0.12	--
LT 6d	Soy Meal Loadout LT 6d (5)	PM	2.15	--
		PM <sub>10</sub>	0.73	--
		PM <sub>2.5</sub>	0.12	--
LT 7a	Flake Corn Loadout LT 7a (5)	PM	12.90	--
		PM <sub>10</sub>	4.35	--
		PM <sub>2.5</sub>	0.74	--
LT 7b	Flake Corn Loadout LT 7b (5)	PM	12.90	--
		PM <sub>10</sub>	4.35	--
		PM <sub>2.5</sub>	0.74	--
LT 7c	Flake Corn Loadout LT 7c (5)	PM	12.90	--
		PM <sub>10</sub>	4.35	--
		PM <sub>2.5</sub>	0.74	--
LT 7d	Flake Corn Loadout LT 7d (5)	PM	12.90	--
		PM <sub>10</sub>	4.35	--
		PM <sub>2.5</sub>	0.74	--
LT 7e	Flake Corn Loadout LT 7e (5)	PM	12.90	--
		PM <sub>10</sub>	4.35	--
		PM <sub>2.5</sub>	0.74	--

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LT 7f	Flake Corn Loadout LT 7f (5)	PM	12.90	--
		PM <sub>10</sub>	4.35	--
		PM <sub>2.5</sub>	0.74	--
LT 8a	Whole Corn Loadout LT 8a (5)	PM	4.30	--
		PM <sub>10</sub>	1.45	--
		PM <sub>2.5</sub>	0.25	--
LT 8b	Whole Corn Loadout LT 8b (5)	PM	4.30	--
		PM <sub>10</sub>	1.45	--
		PM <sub>2.5</sub>	0.25	--
LT 8c	Whole Corn Loadout LT 8c (5)	PM	4.30	--
		PM <sub>10</sub>	1.45	--
		PM <sub>2.5</sub>	0.25	--
LT 8d	Whole Corn Loadout LT 8d (5)	PM	4.30	--
		PM <sub>10</sub>	1.45	--
		PM <sub>2.5</sub>	0.25	--
LB 1	Bagging Line Loadout LB1 (5)	PM	1.72	--
		PM <sub>10</sub>	0.58	--
		PM <sub>2.5</sub>	0.10	--
LB 2	Bagging Line Loadout LB2 (5)	PM	1.72	--
		PM <sub>10</sub>	0.58	--
		PM <sub>2.5</sub>	0.10	--
LB 3	Bagging Line Loadout LB3 (5)	PM	1.72	--
		PM <sub>10</sub>	0.58	--
		PM <sub>2.5</sub>	0.10	--
	Total Annual Loadout Operations	PM	--	8.60
		PM <sub>10</sub>	--	2.90
		PM <sub>2.5</sub>	--	0.49
B1	Boiler 1 Stack	PM	0.04	0.11
		PM <sub>10</sub>	0.04	0.11

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		PM <sub>2.5</sub>	0.04	0.11
		VOC	0.03	0.08
		NO <sub>x</sub>	0.50	1.51
		CO	0.42	1.27
		SO <sub>2</sub>	0.01	0.01
B2	Boiler 2 Stack	PM	0.02	0.05
		PM <sub>10</sub>	0.02	0.05
		PM <sub>2.5</sub>	0.02	0.05
		VOC	0.01	0.03
		NO <sub>x</sub>	0.20	0.60
		CO	0.17	0.51
		SO <sub>2</sub>	0.01	0.01
B3	Boiler 3 Stack	PM	0.01	0.02
		PM <sub>10</sub>	0.01	0.02
		PM <sub>2.5</sub>	0.01	0.02
		VOC	0.01	0.02
		NO <sub>x</sub>	0.10	0.30
		CO	0.08	0.25
		SO <sub>2</sub>	0.01	0.01

- (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) 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 - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented
- 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
- CO - carbon monoxide
- (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: January 29, 2019