

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 72653

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)	<u>Emission Rates *</u>	
			lb/hr	TPY**
TRKFUG1	Truck Sampling Area			
RAIL1	Railcar Unloading Area			
BSU1	Bin Storage Unit 1			
BSU2	Bin Storage Unit 2			
BSU3	Bin Storage Unit 3			
STABFUG	Stabilization Building Fugitives			
STABSTK2	Mixed Waste	VOC	2.54	0.25
	Stabilization Stack 1	PM	0.03	0.03
	Bulk Waste Sampling Cap	PM ₁₀	0.01	0.01
TRKFUG1	Truck Sampling Area			
CSB1	Container Storage Building			
BSU1	Bin Storage Unit 1			
BSU2	Bin Storage Unit 2			
BSU3	Bin Storage Unit 3			
STABFUG	Stabilization Building Fugitives			

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STABSTK2	Mixed Waste	VOC	0.20	0.08
	Stabilization Stack 1	PM	0.01	0.01
	Container Waste	PM ₁₀	0.01	0.01
	Sampling Cap			
RAIL1	Railcar Unloading Area	VOC	11.69	2.22
		PM	0.07	0.11
		PM ₁₀	0.03	0.05
BSU1	Liquid Waste Bulking in Bin Storage Unit 1	VOC	23.46	3.45
BSU1	Bin Storage Unit 1			
BSU2	Bin Storage Unit 2			
BSU3	Bin Storage Unit 3	VOC	32.77	7.22
	Bin Storage Units Cap			
STABFUG	RCRA Stabilization Building	VOC	29.35	6.64
		PM	6.00	2.65
		PM ₁₀	6.00	2.65
STABSTK1	RCRA Stabilization Stack	VOC	12.10	5.95
		PM ₁₀	0.54	0.24
STABSTK2	Mixed Waste Stabilization Stack 1	VOC	13.45	6.62
		PM ₁₀	0.37	0.14
STABSTK3	Mixed Waste Stabilization Stack 2	VOC	0.54	0.05
		PM	0.01	0.01
		PM ₁₀	0.01	0.01

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OPEN LFILL	Landfill	VOC	121.60	43.38
		PM	12.90	19.04
		PM ₁₀	2.78	3.82
		Aluminum	3.70	(5)
		Oxide		
		Arsenic	0.007	(5)
		Asbestos -	0.002	(5)
		Friable		
		Beryllium	0.001	(5)
		Cadmium	0.007	(5)
		Calcium Oxide	1.48	(5)
		Calcium	3.70	(5)
		Sulfate		
		Chromium	0.07	(5)
		Copper Oxides	0.74	(5)
		Dicalcium	3.70	(5)
		Silicate		
		Iron Oxide	3.70	(5)
		Manganese	0.15	(5)
		Oxides		
		Nickel	0.01	(5)
		Silicon	3.70	(5)
		Silver	0.007	(5)
		Sodium Oxides	1.48	(5)
		Sulfur Trioxide	0.48	(5)
		Tetracalcium	3.70	(5)
		Aluminoferate		
		Tricalcium	3.70	(5)
		Aluminate		
		Tricalcium	3.70	(5)
		Silicate		
CLOSED LFILL	Landfill	VOC	0.73	3.19
DUMPFUG	Rotary Railcar Dumper	PM	0.35	0.25
		PM ₁₀	0.17	0.12
TKDMPFUG	Waste Solidification in Dumper Building	VOC	2.64	0.02
		PM	0.38	0.08
		PM ₁₀	0.38	0.08
EPN-8	Wastewater Air Stripper Column	NH ₃	1.69	0.49

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SILO105	Reagent Silo 105 - Fly Ash	PM ₁₀	0.17	0.04
SILO106A	Reagent Silo 106A - Portland Cement	PM ₁₀	0.17	0.04
SILO106B	Reagent Silo 106B - Fly Ash	PM ₁₀	0.17	0.04
SILO107	Reagent Silo 107 - Portland Cement	PM ₁₀	0.17	0.04
STFINES	Stone Fines Stockpiles	PM	0.01	0.02
		PM ₁₀	0.01	0.01
PEDBLDG	Pedestal Building	VOC	8.75	0.19
		PM	0.57	1.73
		PM ₁₀	0.42	0.86
RLCARFUG	Railcar Staging for Dumper Building	VOC	49.38	1.03

- (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
PM - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
PM₁₀ - particulate matter equal to or less than 10 microns in diameter
PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
NH₃ - ammonia
All emission points for which only PM₁₀ is listed, it is assumed that PM emission rate = PM₁₀.
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Annual allowable limits are part of PM allowable

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

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

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

Dated May 18, 2009