

# 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, 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	
			lbs/hour	TPY (4)
Mixed Waste Stabilization Stack 1 Bulk Waste Sampling Cap				
TRKFUG1	Truck Sampling Area	VOC		
		PM		
		PM <sub>10</sub>		
		PM <sub>2.5</sub>		
BSU1	Bin Storage Unit 1	VOC		
		PM		
		PM <sub>10</sub>		
		PM <sub>2.5</sub>		
BSU2	Bin Storage Unit 2	VOC		
		PM		
		PM <sub>10</sub>		
		PM <sub>2.5</sub>		
STABFUG	Stabilization Building Fugitives	VOC		
		PM		
		PM <sub>10</sub>		
		PM <sub>2.5</sub>		
STABSTK2	Mixed Waste Stabilization Stack 1	VOC		
		PM		
		PM <sub>10</sub>		
		PM <sub>2.5</sub>		

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	FINAL EMISSIONS CAP	VOC	2.54	0.25
		PM	0.03	0.03
		PM <sub>10</sub>	0.01	0.01
		PM <sub>2.5</sub>	0.01	0.01
Mixed Waste Stabilization Stack 1 Container Waste Sampling Cap				
TRKFUG1	Truck Sampling Area	VOC		
		PM		
		PM <sub>10</sub>		
		PM <sub>2.5</sub>		
CSB1	Container Storage Building	VOC		
		PM		
		PM <sub>10</sub>		
		PM <sub>2.5</sub>		
BSU1	Bin Storage Unit 1	VOC		
		PM		
		PM <sub>10</sub>		
		PM <sub>2.5</sub>		
BSU2	Bin Storage Unit 2	VOC		
		PM		
		PM <sub>10</sub>		
		PM <sub>2.5</sub>		
STABFUG	Stabilization Building Fugitives	VOC		
		PM		
		PM <sub>10</sub>		
		PM <sub>2.5</sub>		
STABSTK2	Mixed Waste Stabilization Stack 1	VOC		
		PM		

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		PM <sub>10</sub>		
		PM <sub>2.5</sub>		
PEDBLDG	Pedestal Building	VOC		
		PM		
		PM <sub>10</sub>		
		PM <sub>2.5</sub>		
	FINAL EMISSIONS CAP	VOC	0.20	0.08
		PM	0.01	0.01
		PM <sub>10</sub>	0.01	0.01
		PM <sub>2.5</sub>	0.01	0.01
Bin Storage Units Cap				
BSU1	Bin Storage Unit 1	VOC		
BSU2	Bin Storage Unit 1	VOC		
	FINAL EMISSIONS CAP	VOC	32.77	7.22
BSU1	Liquid Waste Bulking in Bin Storage Unit 1	VOC	23.46	3.45
STABFUG	RCRA Stabilization Building	VOC	29.35	6.64
		PM	6.00	2.65
		PM <sub>10</sub>	6.00	2.65
		PM <sub>2.5</sub>	6.00	2.65

STABSTK1	RCRA Stabilization Stack	VOC	12.10	5.95
		PM	0.54	0.24
		PM <sub>10</sub>	0.54	0.24
		PM <sub>2.5</sub>	0.54	0.24

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STABSTK2	Mixed Waste Stabilization Stack 1	VOC	13.45	6.62
		PM	0.37	0.14
		PM <sub>10</sub>	0.37	0.14
		PM <sub>2.5</sub>	0.37	0.14
STABSTK3	Mixed Waste Stabilization Stack 2	VOC	0.54	0.05
		PM	0.01	0.01
		PM <sub>10</sub>	0.01	0.01
		PM <sub>2.5</sub>	0.01	0.01
OPEN LFILL	Landfill	VOC	121.60	43.38
		PM	12.90	19.04
		PM <sub>10</sub>	2.78	3.82
		PM <sub>2.5</sub>	2.78	3.82
		Aluminum Oxide	3.70	(5)
		Arsenic	0.01	(5)
		Asbestos – Friable	0.01	(5)
		Beryllium	0.01	(5)
		Cadmium	0.01	(5)
		Calcium Oxide	1.48	(5)
		Calcium Sulfate	3.70	(5)
		Chromium	0.07	(5)
		Copper Oxides	0.74	(5)
		Dicalcium Silicate	3.70	(5)
		Iron Oxide	3.70	(5)
		Manganese Oxides	0.15	(5)
		Nickel	0.01	(5)
		Silicon	3.70	(5)
		Silver	0.01	(5)
		Sodium Oxides	1.48	(5)
		Sulfur Trioxide	0.48	(5)

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		Tetracalcium Aluminoferrate	3.70	(5)
		Tricalcium Aluminate	3.70	(5)
		Tricalcium Silicate	3.70	(5)
CLOSED LFILL	Landfill	VOC	0.73	3.19
SILO105	Reagent Silo 105 – Fly Ash	PM	0.17	0.04
		PM <sub>10</sub>	0.17	0.04
		PM <sub>2.5</sub>	0.17	0.04
SILO106A	Reagent Silo 106A – Portland Cement	PM	0.17	0.04
		PM <sub>10</sub>	0.17	0.04
		PM <sub>2.5</sub>	0.17	0.04
SILO16B	Reagent Silo 106B – Fly Ash	PM	0.17	0.04
		PM <sub>10</sub>	0.17	0.04
		PM <sub>2.5</sub>	0.17	0.04
SILO107	Reagent Silo 107 – Portland Cement	PM	0.17	0.04
		PM <sub>10</sub>	0.17	0.04
		PM <sub>2.5</sub>	0.17	0.04
STFINES	Stone Fines Stockpiles	PM	0.01	0.02
		PM <sub>10</sub>	0.01	0.01
		PM <sub>2.5</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
- 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
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Annual allowable limits are part of PM allowable.

Date: June 10, 2016