

Emission Sources - Maximum Allowable Emission Rates

Permit Number 109789

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)
STGCELL	Staging Cells (6 Cells) (5)	VOC	2.95	12.90
		HAPs	1.90	8.33
TRCELL	Treatment Cells (5 Cells) (5)	VOC	3.10	13.58
		HAPs	2.47	10.83
DISPOSAL	Disposal Cells (3 Cells) (5)	VOC	0.17	0.74
		HAPs	0.14	0.63
T5	Leachate Tank T5 Vent	VOC	0.004	0.02
T6	Leachate Tank T6 Vent	VOC	0.004	0.02
T9	Leachate Tank T9 Vent	VOC	0.27	1.19
W1	Truck Wash (5)	VOC	0.004	0.02
		HAPs	<0.0001	<0.0001
T3	Oil Water Separator Tank Vent	VOC	0.014	0.06
T7	Water Tank T7 Vent	VOC	0.07	0.29
T8	Water Tank T8 Vent	VOC	0.07	0.29
T4	Oil Storage Tank Vent	VOC	0.20	0.87
L1	Oil Loading Vent	VOC	0.05	0.23
D1	Diesel Tank 1 Vent	VOC	<0.001	<0.001
D2	Diesel Tank 2 Vent	VOC	<0.001	<0.001

Emission Sources - Maximum Allowable Emission Rates

A1	Roadbase Aggregate Handling (5)	PM	0.52	0.31
		PM ₁₀	0.52	0.31
		PM _{2.5}	0.08	0.05
ER1	Roadbase Stockpiles (Roadbase Aggregate and Roadbase Waste Aggregate) (5)	PM	0.15	0.68
		PM ₁₀	0.15	0.68
		PM _{2.5}	0.06	0.27
PD1	Pozzolan Silo Fabric Filter Vent	PM	<0.02	0.004
		PM ₁₀	0.016	0.004
		PM _{2.5}	0.009	0.002
Q1	Quarrying (5) (Crusher and Screens)	PM	0.61	0.18
		PM ₁₀	0.61	0.18
		PM _{2.5}	0.12	0.04
PM1	Pugmill Mixer (5)	PM	<0.01	0.002
		PM ₁₀	0.004	0.001
		PM _{2.5}	0.001	0.0002
		VOC	0.02	0.005
		HAPs	0.0003	0.0001
EN1	Crusher Engine Stack	PM	0.07	0.06
		PM ₁₀	0.07	0.06
		PM _{2.5}	0.07	0.06
		NO _x	3.93	3.14
		CO	0.98	0.74
		VOC	0.83	0.66
		SO ₂	0.004	0.003
QER1	Quarry Stockpile (5)	PM	0.08	0.36
	(Raw Aggregate and	PM ₁₀	0.04	0.18

Emission Sources - Maximum Allowable Emission Rates

		PM _{2.5}	0.02	0.07
ALL	All Sources	Any HAP	-	<10
		All HAPs	-	<25

- (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_x - total oxides of nitrogen
- SO₂ - sulfur dioxide
- PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
- PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
- PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
- CO - carbon monoxide
- HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
- (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 and will need separate authorization unless the activity can meet conditions of 30 TAC 116.119.

Date: October 13, 2014