

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 139722

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)
SCCELLS	Staging Cells	VOC	8.37	24.15
		HAP	7.05	19.52
TCELLS	Treatment Cells	VOC	0.14	0.62
		HAP	0.09	0.42
DCELLS	Disposal Cells	VOC	0.20	0.89
		HAP	0.14	0.59
EPONDS	Evaporation Ponds	VOC	0.03	0.15
		HAP	0.03	0.15
RB-AGG	Road Base Aggregate Handling	PM	0.37	0.38
		PM <sub>10</sub>	0.17	0.18
		PM <sub>2.5</sub>	0.03	0.03
RB-ER	Road Base Stockpiles	PM	0.61	2.69
		PM <sub>10</sub>	0.31	1.35
		PM <sub>2.5</sub>	0.05	0.20
RB-SD	Silo Displacement	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
RB-PUG	Pugmill Mixer	PM	0.02	0.01
		PM <sub>10</sub>	0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
RPITS	Receiving Pits	VOC	<0.01	<0.01
		HAP	<0.01	<0.01
TDUBURNERS	TDU Burners	NOx	4.10	17.96
		CO	1.64	7.18

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		SO <sub>2</sub>	0.67	2.94
		PM	0.31	1.37
		PM <sub>10</sub>	0.31	1.37
		PM <sub>2.5</sub>	0.31	1.37
		VOC	0.45	1.96
VAPORCMBST	Vapor Combustors	NOx	0.12	0.54
		CO	0.07	0.30
		SO <sub>2</sub>	0.11	0.49
		PM	0.05	0.23
		PM <sub>10</sub>	0.05	0.23
		PM <sub>2.5</sub>	0.05	0.23
		VOC	0.47	2.05
		HAP	0.28	1.25
TDU-LOAD	Incoming Waste Loading	PM	0.01	0.03
		PM <sub>10</sub>	<0.01	0.02
		PM <sub>2.5</sub>	<0.01	<0.01
TDU-SPILE	Treated Solids Stockpile	PM	0.08	0.36
		PM <sub>10</sub>	0.04	0.18
		PM <sub>2.5</sub>	0.01	0.03
GBTANK1-4	Gun Barrel Tanks	VOC	0.24	0.10
OTANK1-5; OSTANK1	Recovered Oil Storage Tanks	VOC	1.27	1.14
ETANK1, RLTANK1-2, CTANK1	TDU Processing Tanks	VOC	1.68	0.88
RWTANK1-2	Reclaimed Water Tanks	VOC	0.06	0.02
DTANK1	Diesel Tank 1	VOC	0.01	0.01
SPILE	Soil Stockpile	PM	0.58	2.53
		PM <sub>10</sub>	0.29	1.26
		PM <sub>2.5</sub>	0.04	0.19
EGEN	Emergency Generator	NOx	27.67	1.38

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	CO	2.72	0.14
	SO <sub>2</sub>	0.03	<0.01
	PM	0.73	0.04
	PM <sub>10</sub>	0.73	0.04
	PM <sub>2.5</sub>	0.73	0.04
	VOC	1.54	0.08
	HAP	0.03	<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) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
- 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
- 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.

Date: November 9, 2020