

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 31376

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)	Emission Rates *	
			lb/hr	TPY **
08TFX-001	Acids Equalization Tank	VOC	0.14	<0.01
		NH ₃	0.39	<0.01
08TFX-002	311 Equalization Tank	VOC	0.01	0.01
		NH ₃	0.01	0.01
08TFX-002	311 Equalization Tank (MSS)	VOC	0.01	0.01
		NH ₃	0.01	0.01
08CLT-005	Mixed Liquor Cooling Tower	VOC	0.10	0.13
		NH ₃	<0.01	<0.01
08RXN-006	Anoxic Reactor A	VOC (4)	20.98	17.13
		(5)	54.53	36.34
		(6)	55.53	37.51
		(7)	17.07	14.76
		NH ₃	0.05	0.03
08RXN-007	Anoxic Reactor B	VOC (4)	20.98	17.13
		(5)	54.53	36.34
		(6)	55.53	37.51
		(7)	17.07	14.76
		NH ₃	0.05	0.03
08RXN-008	Aerobic Reactor A	VOC (4)	7.08	6.09
		(5)	12.31	10.21
		(6)	5.80	4.39
		(7)	8.73	7.54
		NH ₃	0.09	0.09

08RXN-009	Aerobic Reactor B	VOC (4)	7.08	6.09
		(5)	12.31	10.21
		(6)	5.80	4.39
		(7)	8.73	7.54
		NH ₃	0.09	0.09
08TNK-010	Head Tank 1	VOC	0.01	0.01
		NH ₃	0.01	0.01
08TNK-011	Head Tank 2	VOC	0.01	0.01
		NH ₃	0.01	0.01
08CLF-012	Clarifier 1	VOC	0.37	0.45
		NH ₃	<0.01	<0.01
08CLF-013	Clarifier 2	VOC	0.37	0.45
		NH ₃	<0.01	<0.01
	Clarifiers 1&2	VOC	0.38	0.48
		NH ₃	<0.01	<0.01
08TFX-016	Sludge Storage Tank	VOC	0.03	0.04
		NH ₃	<0.01	<0.01
08FLT-017	Lime Storage Silo Bag Filter	PM ₁₀	0.10	0.45
08FLT-028	Dolomite Storage Silo Bag Filter	PM ₁₀	0.10	0.45
08FUG	Piping Fugitives (8)	VOC	0.08	0.34
		NH ₃	<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
NH₃ - ammonia
PM₁₀ - particulate matter equal to or less than 10 microns
- (4) Dual train (A and B) operations: Anoxic Reactors A and B and Aerobic Reactors A and B in service.
- (5) Single train (A or B) operations: Either A or B train's respective Anoxic and Aerobic Reactors in service.
- (6) Dual train (A and B) operations: Aerobic Reactors A and B, and either Anoxic Reactor A or B, in service.
- (7) Dual train (A and B) operations: Anoxic Reactors A and B, and either Aerobic Reactor A or B, in service.
- (8) Fugitive emissions are an estimate only and should not be considered a maximum allowable emission rate.

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

8,760 Hrs/year

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

Dated December 13, 2010