

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5876A

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
PILEFUG	Wood Chip Stockpiles (4)	PM	0.75	1.14
		PM <sub>10</sub>	0.36	0.55
CHIP-HANDL	Wood Chip Handling (4)	PM	0.14	0.11
		PM <sub>10</sub>	0.07	0.06
BSW-S-001	Brownstock Washer Scrubber	VOC	16.15	9.00
		CO	1.93	7.76
		SO <sub>2</sub>	0.72	3.0
		NO <sub>x</sub>	0.54	2.4
		TRS	3.68	2.50
BSW-F-001	Brownstock Washer Fugitives (4)	VOC	0.25	1.1
		TRS	0.40	1.8
BP-T-020	Bleached HD Storage Tank	VOC	0.02	0.1
P-BP-S001	P-BP Scrubber	VOC	0.75	2.23
		ClO <sub>2</sub>	0.05	0.12
		CO	33.61	121.25
H-BP-S001	H-BP Scrubber	VOC	1.10	2.98
		ClO <sub>2</sub>	0.07	0.17
		CO	15.50	62.68
P-BP-E1TWR	P-BP-E <sub>OP</sub> Tower Vent	VOC	0.09	0.33
		CO	1.50	5.39
P-BP-E1	P-BP-E <sub>OP</sub> Press/Filtrate Tank	VOC	0.22	0.79
		CO	1.50	5.39

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
P-BP-PSPIP	P-BP PO Tower Vent	VOC	0.06	0.22
		CO	0.40	1.35
P-BP-P	P-BP-PO Press/Filtrate Tank	VOC	0.19	0.69
		CO	0.40	1.35
H-BP-E1TWR	H-BP-E <sub>OP</sub> Tower Vent	VOC	0.07	0.30
		CO	0.30	1.39
H-BP-E1WAH	H-BP-E <sub>OP</sub> Washer	VOC	0.24	0.99
		CO	0.20	0.70
H-BP-E2TWR	H-BP-E <sub>P</sub> Tower Vent	VOC	0.05	0.21
		CO	0.30	1.39
H-BP-E2WAH	H-BP-E <sub>P</sub> Washer	VOC	0.19	0.76
		CO	0.20	0.70
H-BP-PTWR	H-BP-P Tower Vent	VOC	0.01	0.05
		CO	0.20	0.70
H-BP-PWAH	H-BP-P Washer	VOC	0.14	0.55
		CO	0.10	0.35
H-BP-E1FIL	H-BP E <sub>OP</sub> Filtrate Tank Vent	VOC	0.11	0.44
		CO	0.20	0.70
H-BP-E2FIL	H-BP-E <sub>P</sub> Filtrate Tank Vent	VOC	0.08	0.33
		CO	0.20	0.70
H-BP-PFIL	H-BP-P Filtrate Tank Vent	VOC	0.06	0.25
		CO	0.10	0.35
P-BP-F001	P Bleach Plant Fugitives (4)	VOC	0.01	0.01
H-PB-F001	H Bleach Plant Fugitives (4)	VOC	0.01	0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
CLO2PTSCR	ClO <sub>2</sub> Plant Scrubber	Cl <sub>2</sub>	0.03	0.14
		ClO <sub>2</sub>	0.30	1.29
CLO2FUG	ClO <sub>2</sub> Plant Fugitives (4)	ClO <sub>2</sub>	0.01	0.02
MEOH-TANK	Methanol Tank	VOC	0.15	0.66
MEOH-FUG	Methanol Tank Fugitives (4)	VOC	0.37	1.64

(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) PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>

PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.

VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1

CO - carbon monoxide

SO<sub>2</sub> - sulfur dioxide

NO<sub>x</sub> - total oxides of nitrogen

TRS - total reduced sulfur

ClO<sub>2</sub> - chlorine dioxide

Cl<sub>2</sub> - chlorine

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

\* 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 8,736 Hrs/year

Dated \_\_\_\_\_