

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 20619

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
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) 1.1	VOC		0.25
		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 0.79	VOC		0.22
		CO	1.50	5.39
P-BP-PSPIP	P-BP PO Tower Vent	VOC	0.06	0.22
		CO	0.40	1.35

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
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
BP-BERTHA	250 Ton High Density Stock Tank 0.09	VOC		0.03
BP-T-W-80	Bleach High Density Stock Tank 0.09	VOC		0.03
BP-T-C-80	Bleach High Density Stock Tank 0.09	VOC		0.03
BP-T-E-80	Bleach High Density Stock Tank 0.09	VOC		0.03
P-BP-BLDTK	P-BP-Stock Blend Tank	VOC	0.03	0.09
H-BP-BLDTK	H-BP-Stock Blend Tank	VOC	0.03	0.09
22PD-VV-01	Pulp Dryer Vacuum Vent	VOC	0.15	0.6
22PD-VV-02	Pulp Dryer Vacuum Vent	VOC	0.15	0.6
22PD-VV-03	Pulp Dryer Vacuum Vent	VOC	0.15	0.6
22PD-VV-04	Pulp Dryer Vacuum Vent	VOC	0.15	0.6
21PD-VV-01	Pulp Dryer Vacuum Vent	VOC	0.15	0.6
21PD-VV-02	Pulp Dryer Vacuum Vent	VOC	0.15	0.6
22PD-DV-01	Pulp Dryer Dryer Vent	VOC	0.64	2.5
22PD-DV-02	Pulp Dryer Dryer Vent	VOC	0.64	2.5
22PD-DV-03	Pulp Dryer Dryer Vent	VOC	0.64	2.5

22PD-DV-04	Pulp Dryer Dryer Vent	VOC	0.64	2.5
22PD-DV-05	Pulp Dryer Dryer Vent	VOC	0.64	2.5
22EXHV-01	Roof Exhaust Vent	VOC	0.15	0.6
CL02PTSCR	ClO <sub>2</sub> Plant Scrubber	Cl <sub>2</sub>	0.03	0.14
		ClO <sub>2</sub>	0.30	1.29
CL02FUG	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) 1.64		VOC	0.37

- (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 General Rule 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:

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EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

24 Hrs/day    7 Days/week    52 Weeks/year or 8,736  
Hrs/year

Dated February 5, 1998