EMISSION SOURCES - MAXIMUM
ALLOWABLE EMISSION RATES

Permit Number 705

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, or subsequent requests for modification, 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
1	Timber Treatment (4)	VOC	0.8	1.04
1a	Equipment Fugitives (5)	VOC	0.48	2.7
1b	Treatment Cylinder Doors (5)	VOC	0.8	1.04
2c	Equalization Tank A (Converted from No. 6 Oil Storage)	VOC	<0.01	<0.01
2d	Equalization Tank B (Converted from creosote storage)	VOC	<0.01	<0.01
2e	Creosote Work Tank C	VOC	0.19	0.25
2f	Creosote Work Tank D	VOC	0.19	0.25
2g	Creosote Work Tank E	VOC	0.19	0.25
2h	Creosote Work Tank F	VOC	0.19	0.25
26	A and B Mill Cyclone	PM	0.19	0.82
31	Unloader Cyclone	PM	0.46	2.00
37	Gasoline Storage Tank	VOC	<0.01	<0.01
38	Diesel Storage Tank	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
40	Boiler No. 1	PM_{10}	0.19	0.84
		SO_2	0.02	0.07
		NO_x	0.06	0.24
		CO	2.12	9.27
		VOC	0.08	0.35
41	Boiler No. 2	PM_{10}	0.19	0.84
		SO_2	0.02	0.07
		NO_x	0.06	0.24
		CO	2.12	9.27
		VOC	0.08	0.35
42	Treated Wood Storage (5)	VOC	1.5	6.57
49	Equalization Tank W-1	VOC	<0.01	<0.01
50	Aerated Biotreatment Tank W-2	VOC	0.02	0.26
51	Aerated Biotreatment Tank W-3	VOC	<0.01	<0.01
52	Aerated Biotreatment Tank W-4	VOC	<0.01	<0.01
53	Wastewater Storage Tank G	VOC	<0.01	0.01
54	Wastewater Storage Tank H	VOC	<0.01	0.01
55	Wastewater Storage Tank I	VOC	<0.01	0.01
56	Wastewater Storage Tank J	VOC	<0.01	0.01
57	Wastewater Storage Tank L	VOC	<0.01	0.01
58	Railcar Unloading (5)	VOC	<0.10	0.45

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
61	API Separator	VOC	<0.01	<0.01
63	Biotrol Tank W-5	VOC	<0.01	<0.01
64	Equalization Tank W-6	VOC	<0.01	<0.01
65	Switch Tie Unloading (5)	PM	0.02	0.10

(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_{10}
PM_{10} - 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.
SO_2 - sulfur dioxide
NO_x - total oxides of nitrogen
CO - carbon monoxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
(4) VOCs in sources associated with creosote treatment (excludes boilers) include four Hazardous Air Pollutants (HAPs): naphthalene, dibenzofuran, biphenyl, and quinoline. Naphthalene represents the HAP of the highest concentration in VOCs, approximately 58 percent of the total VOC amount. The remaining three HAPs are present at a combined concentration of less than 4 percent of the total VOC amount.
(5) 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 and maximum production limits:

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

6,060,000 cubic feet of raw timber treated per year.

1,626 cylinder loads or charges per year.

5,928,000 gallons of creosote used per year.

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The following sources are no longer in use or have been removed:

EPN	Name
2a	Vacuum Pump Vent Stack
2b	Naphtha Storage Tanks
23	Murray Boiler Stack
25	Wood Waste Cyclone Stack
27	Wood Waste Cyclone Stack
32	Wood Waste Cyclone Stack
34	Wood Waste Cyclone Stack
35	Keeler Boiler Stack
36	Wood Waste Cyclone Stack
39	Gasoline Storage Tank

Dated April 15, 2005