

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. S-19366

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

<u>Emission Rates*</u>	Source	Air Contaminant	<u>Emission</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
050	T-411	VOC	0.03	0.05
058	T-442	VOC	0.02	0.04
094	Flare	VOC	0.41	1.78
		NO <sub>x</sub>	0.02	0.11
		CO	0.13	0.55
115	F-3410	VOC	1.34	0.51
116, 117	F-3411, F-3412, F-3413	VOC	0.45	0.43
118, 119	F-3414, F-3415, F-3416	VOC	0.77	0.38
120	F-3417	VOC	0.05	0.03
121	Heater	VOC	0.08	0.34
		NO <sub>x</sub>	0.84	3.68
		CO	1.18	5.15
		SO <sub>2</sub>	0.01	0.04
		PM <sub>10</sub>	0.11	0.47
129	T-429	VOC	0.33	0.11
130	T-430	VOC	0.05	0.11
195	V-101	VOC	0.08	0.01
F-1	Fugitive (4)	VOC	0.11	0.46

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<u>Emission Rates*</u> Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission</u>	
			lb/hr	TPY
F-2	Fugitive (4)	VOC	0.07	0.29
F-9	Fugitive (4)	VOC	0.13	0.59
W-010	WT-101 (5)	VOC	0.05	0.01
W-011	WT-102	VOC	<0.01	<0.01
W-012	WT-103	VOC	0.01	<0.01
W-013	WT-104 (5)	VOC	0.06	0.02
W-014	WT-105	VOC	0.13	0.08
W-015	WT-106	VOC	<0.01	<0.01
W-016	WT-107 (5)	VOC	0.05	0.01
W-017	WT-108 (5)	VOC	0.06	<0.01
W-018	WV-120 (5)	VOC	0.08	0.04
		H <sub>2</sub> S	<0.01	<0.01
W-019	WV-121	VOC	0.39	0.01
W-020	WV-122	VOC	0.39	0.01
W-021	WV-123	VOC	2.48	0.25
W-022	WT-130	VOC	0.03	0.05
W-024	F-3015 (5)	VOC	0.05	0.03
W-025	F-3016	VOC	0.39	0.03
W-026	D-3017	VOC	0.02	0.04

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Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
W-027	D-3018	VOC	0.39	0.01
W-028	F-3019	VOC	0.39	0.01
W-029	F-3030	VOC	1.05	0.06
W-030	F-3031	VOC	4.21	0.23
W-031	F-3032	VOC	1.68	0.06
WF-10	Loading Fugitives	VOC	1.65	2.16
WF-11	Process Fugitives (4)	VOC	0.79	3.49
WF-12	Process Fugitives (4)	VOC	0.50	2.18

(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

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

CO - carbon monoxide

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

PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter

H<sub>2</sub>S - hydrogen sulfide

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

(5) These sources must vent to a carbon adsorption system.

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

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<u>Emission Rates*</u>	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>

Hrs/year 8,760

Dated \_\_\_\_\_