EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 94384

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, sources, and related activities. 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	
			lbs/hour	TPY (4)
SB-8501	Steam Boiler 8501	NO_x	0.2800	1.2300
		CO	0.9700	4.2300
		SO_2	0.0100	0.0300
		PM_{10} / $PM_{2.5}$	0.0900	0.3800
		VOC	0.0600	0.2800
SB-8502	Steam Boiler 8502	NO_x	0.2800	1.2300
		CO	0.9700	4.2300
		SO_2	0.0100	0.0300
		PM_{10} / $PM_{2.5}$	0.0900	0.3800
		VOC	0.0600	0.2800
SB-8503	Steam Boiler 8503	NO_x	0.2800	1.2300
		CO	0.9700	4.2300
		SO_2	0.0100	0.0300
		PM_{10} / $PM_{2.5}$	0.0900	0.3800
		VOC	0.0600	0.2800
SB-8504	Steam Boiler 8504	NO_x	0.2800	1.2300
		CO	0.9700	4.2300
		SO_2	0.0100	0.0300
		PM_{10} / $PM_{2.5}$	0.0900	0.3800
		VOC	0.0600	0.2800

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SB-8505	Steam Boiler 8505	NO_x	0.2800	1.2300
		CO	0.9700	4.2300
		SO_2	0.0100	0.0300
		PM_{10} / $PM_{2.5}$	0.0900	0.3800
		VOC	0.0600	0.2800
SB-8506	Steam Boiler 8506	NO_x	0.2800	1.2300
		CO	0.9700	4.2300
		SO_2	0.0100	0.0300
		PM_{10} / $PM_{2.5}$	0.0900	0.3800
		VOC	0.0600	0.2800
SB-8507	Steam Boiler 8507	NO_x	0.2800	1.2300
		CO	0.9700	4.2300
		SO_2	0.0100	0.0300
		PM_{10} / $PM_{2.5}$	0.0900	0.3800
		VOC	0.0600	0.2800
SB-8508	Steam Boiler 8508	NO_x	0.2800	1.2300
		CO	0.9700	4.2300
		SO_2	0.0100	0.0300
		PM_{10} / $PM_{2.5}$	0.0900	0.3800
		VOC	0.0600	0.2800
SB-8509	Steam Boiler 8509	NO_x	0.2800	1.2300
		CO	0.9700	4.2300
		SO_2	0.0100	0.0300
		PM_{10} / $PM_{2.5}$	0.0900	0.3800

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		VOC	0.0600	0.2800
SB-8510	Steam Boiler 8510	NO_x	0.2800	1.2300
		CO	0.9700	4.2300
		SO_2	0.0100	0.0300
		PM_{10} / $PM_{2.5}$	0.0900	0.3800
		VOC	0.0600	0.2800
SB-8511	Steam Boiler 8511	NO_x	0.2800	1.2300
		CO	0.9700	4.2300
		SO_2	0.0100	0.0300
		PM_{10} / $PM_{2.5}$	0.0900	0.3800
		VOC	0.0600	0.2800
SB-8512	Steam Boiler 8512	NO_x	0.2800	1.2300
		CO	0.9700	4.2300
		SO_2	0.0100	0.0300
		PM_{10} / $PM_{2.5}$	0.0900	0.3800
		VOC	0.0600	0.2800
SB-8501 through SB-8512	Steam Boilers 8501through 8512 Combined Annual Cap (6)	NO_x		7.8000
		CO		26.7600
		SO_2		0.1900
		PM_{10} / $PM_{2.5}$		2.4200
		VOC		1.7500
VCU-1	Vapor Combustor Unit 1 Barge Dock No. 1	NO_x	5.4000	6.6100
		CO	25.2700	30.94
		SO_2	0.0500	0.0600

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

		PM_{10} / $PM_{2.5}$	0.6300	0.7700
		VOC	0.3000	0.1600
		H_2S	0.0003	0.0002
VCU-2	Vapor Combustor Unit 2 Barge Dock No. 1	NO_x	5.4000	6.6100
		CO	25.2700	30.94
		SO_2	0.0500	0.0600
		PM_{10} / $PM_{2.5}$	0.6300	0.7700
		VOC	0.3000	0.1600
		H_2S	0.0003	0.0002
VCU-1 and VCU-2	Vapor Combustor Units 1 and 2 Barge Dock No. 1 Combined Annual Cap (6)	NO_x		6.6100
		CO		30.94
		SO_2		0.0600
		PM_{10} / $PM_{2.5}$		0.7700
		VOC		0.1600
		H_2S		0.0002
FWP1	Firewater Pump Engine 1	NO_x	3.4500	0.0900
		CO	3.5100	0.0900
		SO_2	1.0800	0.0300
		PM_{10} / $PM_{2.5}$	0.1733	0.0050
		VOC	1.3000	0.0300
FWP2	Firewater Pump Engine 2	NO_x	3.4500	0.0900
		CO	3.5100	0.0900
		SO_2	1.0800	0.0300
		PM_{10} / $PM_{2.5}$	0.1733	0.0050

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

		VOC	1.3000	0.0300
FWP3	Firewater Pump Engine 3	NO_x	3.4500	0.0900
		CO	3.5100	0.0900
		SO_2	1.0800	0.0300
		PM_{10} / $PM_{2.5}$	0.1733	0.0050
		VOC	1.3000	0.0300
FWP4	Firewater Pump Engine 4	NO_x	3.4500	0.0900
		CO	3.5100	0.0900
		SO_2	1.0800	0.0300
		PM_{10} / $PM_{2.5}$	0.1733	0.0050
		VOC	1.3000	0.0300
GENENG1	Emergency Electric Generator Engine	NO_x	28.2200	0.7300
		CO	14.7500	0.3800
		SO_2	1.0800	0.0300
		PM_{10} / $PM_{2.5}$	0.8851	0.0230
		VOC	18.7700	0.4900
T009-1	Black Oil Storage Tank 009-1	VOC	12.4100	0.1110
		H_2S	0.0120	0.0001
T30-1	Black Oil Storage Tank 30-1 (IFR)	VOC	4.5700	0.2400
		H_2S	0.0080	0.0002
T30-2	Black Oil Storage Tank 30-2 (IFR)	VOC	4.5700	0.2400
		H_2S	0.0080	0.0002
T30-1 and T30-2	Black Oil Storage Tanks 30-1 and 30-2 (IFR) Combined Annual Cap (6)	VOC		0.4900
		H_2S		0.0005

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

T30-3	Black Oil Storage Tank 30-3	VOC	2.4400	0.0600
		H_2S	0.0050	0.0001
T30-4	Black Oil Storage Tank 30-4	VOC	2.4400	0.0600
		H_2S	0.0050	0.0001
T30-3 and T30-4	Black Oil Storage Tanks 30-3 and 30-4 Combined Annual Cap (6)	VOC		0.0600
		H_2S		0.0002
T50-1	Black Oil Storage Tank 50-1 (IFR)	VOC	6.3000	0.3400
		H_2S	0.0090	0.0003
T50-2	Black Oil Storage Tank 50-2 (IFR)	VOC	6.3000	0.3400
		H_2S	0.0090	0.0003
T50-3	Black Oil Storage Tank 50-3 (IFR)	VOC	6.3000	0.3400
		H_2S	0.0090	0.0003
T50-4	Black Oil Storage Tank 50-4 (IFR)	VOC	6.3000	0.3400
		H_2S	0.0090	0.0003
T50-5	Black Oil Storage Tank 50-5 (IFR)	VOC	6.3000	0.3400
		H_2S	0.0090	0.0003
T50-6	Black Oil Storage Tank 50-6 (IFR)	VOC	6.3000	0.3400
		H_2S	0.0090	0.0003
T50-7	Black Oil Storage Tank 50-7 (IFR)	VOC	6.3000	0.3400
		H_2S	0.0090	0.0003
T50-8	Black Oil Storage Tank 50-8 (IFR)	VOC	6.3000	0.3400
		H_2S	0.0090	0.0003
T50-1 through T50-8	Black Oil Storage Tanks 50-1 through 50-8 (IFR) Combined Annual Cap (6)	VOC		2.7300
		H_2S		0.0030

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

T50-9	Black Oil Storage Tank 50-9	VOC	2.4400	0.1000
		H_2S	0.0050	0.0002
T50-10	Black Oil Storage Tank 50-10	VOC	2.4400	0.1000
		H_2S	0.0050	0.0002
T50-9 and T50-10	Black Oil Storage Tanks 50-9 and 50-10 Combined Annual Cap (6)	VOC		0.1000
		H_2S		0.0002
T100-1	Black Oil Storage Tank 100-1 (IFR)	VOC	4.0400	0.2000
		H_2S	0.0080	0.0002
T100-2	Black Oil Storage Tank 100-2	VOC	4.0400	0.2000
	(IFR)	H_2S	0.0080	0.0002
T100-3	Black Oil Storage Tank 100-3 (IFR)	VOC	4.0400	0.2000
		H_2S	0.0080	0.0002
T100-4	Black Oil Storage Tank 100-4 (IFR)	VOC	4.0400	0.2000
		H_2S	0.0080	0.0002
T100-5	Black Oil Storage Tank 100-5 (IFR)	VOC	4.0400	0.2000
		H_2S	0.0080	0.0002
T100-6	Black Oil Storage Tank 100-6 (IFR)	VOC	4.0400	0.2000
		H_2S	0.0080	0.0002
T100-1 through T100-6	Black Oil Storage Tanks 100-1 through 100-6 (IFR) Combined Annual Cap (6)	VOC		1.2100
		H_2S		0.0012
T100-7	Black Oil Storage Tank 100-7	VOC	4.8800	1.2300
		H_2S	0.0100	0.0020
T100-8	Black Oil Storage Tank 100-8	VOC	4.8800	1.2300
		H_2S	0.0100	0.0020

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

T100-9	Black Oil Storage Tank 100-9	VOC	4.8800	1.2300
		H_2S	0.0100	0.0020
T100-10	Black Oil Storage Tank T100-10	VOC	4.8800	1.2300
		H_2S	0.0100	0.0020
T100-11	Black Oil Storage Tank 100-11	VOC	4.8800	1.2300
		H_2S	0.0100	0.0020
T100-12	Black Oil Storage Tank 100-12	VOC	4.8800	1.2300
		H_2S	0.0100	0.0020
T100-13	Black Oil Storage Tank 100-13	VOC	4.8800	1.2300
		H_2S	0.0100	0.0020
T100-14	Black Oil Storage Tank 100-14	VOC	4.8800	1.2300
		H_2S	0.0100	0.0020
T100-15	Black Oil Storage Tank 100-15	VOC	4.8800	1.2300
		H_2S	0.0100	0.0020
T100-16	Black Oil Storage Tank 100-16	VOC	4.8800	1.2300
		H_2S	0.0100	0.0020
T100-17	Black Oil Storage Tank 100-17	VOC	4.8800	1.2300
		H_2S	0.0100	0.0020
T100-18	Black Oil Storage Tank 100-18	VOC	4.8800	1.2300
		H_2S	0.0100	0.0020
T100-19	Black Oil Storage Tank 100-19	VOC	4.8800	1.2300
		H_2S	0.0100	0.0020
T100-20	Black Oil Storage Tank 100-20	VOC	4.8800	1.2300
		H_2S	0.0100	0.0020

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

T100-21	Black Oil Storage Tank 100-21	VOC	4.8800	1.2300
		H_2S	0.0100	0.0020
T100-22	Black Oil Storage Tank 100-22	VOC	4.8800	1.2300
		H_2S	0.0100	0.0020
T100-23	Black Oil Storage Tank 100-23	VOC	4.8800	1.2300
		H_2S	0.0100	0.0020
T100-24	Black Oil Storage Tank 100-24	VOC	4.8800	1.2300
		H_2S	0.0100	0.0020
T100-7 through T100-24	Black Oil Storage Tanks 100-7 through 100-24 Combined Annual Cap (6)	VOC		1.8100
		H_2S		0.0040
T150-1	Diesel Storage Tank 150-1 (IFR)	VOC	6.3000	0.4900
		H_2S	0.0100	0.0001
T150-2	Diesel Storage Tank 150-2 (IFR)	VOC	6.3000	0.4900
		H_2S	0.0100	0.0001
T150-3	Diesel Storage Tank 150-3 (IFR)	VOC	6.3000	0.4900
		H_2S	0.0100	0.0001
T150-4	Diesel Storage Tank 150-4 (IFR)	VOC	6.3000	0.4900
		H_2S	0.0100	0.0001
T150-5	Diesel Storage Tank 150-5 (IFR)	VOC	6.3000	0.4900
		H_2S	0.0100	0.0001
T150-6	Diesel Storage Tank 150-6 (IFR)	VOC	6.3000	0.4900
		H_2S	0.0100	0.0001
T150-1 through T150-6	Diesel Storage Tanks 150-1 through 150-6 (IFR) Combined Annual Cap (6)	VOC		2.9200
		H_2S		0.0001

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

T200-1	Black Oil Storage Tank 200-1 (IFR)	VOC	3.9000	0.3400
		H_2S	0.0070	0.0003
T200-2	Black Oil Storage Tank 200-2 (IFR)	VOC	3.9000	0.3400
		H_2S	0.0070	0.0003
T200-3	Black Oil Storage Tank 200-3 (IFR)	VOC	3.9000	0.3400
		H_2S	0.0070	0.0003
T200-4	Black Oil Storage Tank 200-4 (IFR)	VOC	3.9000	0.3400
		H_2S	0.0070	0.0003
T200-5	Black Oil Storage Tank 200-5 (IFR)	VOC	3.9000	0.3400
		H_2S	0.0070	0.0003
T200-6	Black Oil Storage Tank 200-6 (IFR)	VOC	3.9000	0.3400
		H_2S	0.0070	0.0003
T200-7	Black Oil Storage Tank 200-7 (IFR)	VOC	3.9000	0.3400
		H_2S	0.0070	0.0003
T200-8	Black Oil Storage Tank 200-8 (IFR)	VOC	3.9000	0.3400
		H_2S	0.0070	0.0003
T200-1 through T200-8	Black Oil Storage Tanks 200-1 through 200-8 (IFR) Combined Annual Cap (6)	VOC		2.6900
		H_2S		0.0027
T200-9	Black Oil Storage Tank 200-9	VOC	4.8800	0.6800
		H_2S	0.0100	0.0010
T200-10	Black Oil Storage Tank 200-10	VOC	4.8800	0.6800
		H_2S	0.0100	0.0010
T200-11	Black Oil Storage Tank 200-11	VOC	4.8800	0.6800
		H_2S	0.0100	0.0010

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T200-12	Black Oil Storage Tank 200-12	VOC	4.8800	0.6800
		H_2S	0.0100	0.0010
T200-9 through T200-12	Black Oil Storage Tanks 200-9 through 200-12 Combined Annual Caps (6)	VOC		0.8000
		H_2S		0.0020
T320-1	Black Oil Storage Tank 320-1	VOC	4.8800	1.0600
		H_2S	0.0100	0.0020
T320-2	Black Oil Storage Tank 320-2	VOC	4.8800	1.0600
		H_2S	0.0100	0.0020
T320-3	Black Oil Storage Tank 320-3	VOC	4.8800	1.0600
		H_2S	0.0100	0.0020
T320-4	Black Oil Storage Tank 320-4	VOC	4.8800	1.0600
		H_2S	0.0100	0.0020
T320-1 through T-320-4	Black Oil Storage Tanks 320-1 through 320-4 Combined Annual Cap (6)	VOC		1.2500
		H_2S		0.0030
BRGDK-1	Barge Dock No. 1	VOC	2.1300	2.2700
		H_2S	0.0040	0.0040
BRGDK-2/3	Barge Dock No. 2/ 3	VOC	2.1300	2.2700
		H_2S	0.0040	0.0040
SHPDK-1	Ship Dock No. 1	VOC	16.9300	4.6900
		H_2S	0.0170	0.0070
BRGDK-1, BRGDK-2/3, SHPDK-1	Marine Docks Combined Annual Cap (6)	VOC		5.9400
		H_2S		0.0070
FUG-A1	Equipment Fugitives Area 1 (5)	VOC	0.1000	0.4200

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		H_2S	0.0010	0.0010
FUG-A2	Equipment Fugitives Area 2 (5)	VOC	0.0100	0.0300
		H_2S	0.0010	0.0010
FUG-A3	Equipment Fugitives Area 3 (5)	VOC	0.0800	0.3500
		H_2S	0.0010	0.0010
FUG-A6	Equipment Fugitives Area 6 (5)	VOC	0.0500	0.2000
		H_2S	0.0010	0.0010
FUG-BRDG1	Equipment Fugitives BRGDK1 (5)	VOC	0.0100	0.0400
		H_2S	0.0010	0.0010
FUG-BRDG2/3	Equipment Fugitives BRGDK2/3 (5)	VOC	0.0200	0.0700
		H_2S	0.0010	0.0010
FUG-SHP1	Equipment Fugitives SHPDK1 (5)	VOC	0.0200	0.1000
		H_2S	0.0010	0.0010
FUG-RC1	Equipment Fugitives Railcar Unloading Rack (5)	VOC	0.0200	0.1000
		H_2S	0.0010	0.0010
OWS-1	Oil/Water Separator	VOC	0.2800	0.0020
T-8004A	WW Accumulated Oil Tank 8004A	VOC	0.0600	0.0100
T-8004B	WW Accumulated Oil Tank 8004B	VOC	0.0600	0.0100
T-8006	Pretreated Wastewater Tank 8006	VOC	0.07	0.0050
T-8007	Pretreated Wastewater Tank 8007	VOC	0.07	0.0050

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T-8006 and T-8007	Pretreated Wastewater Tanks 8006 and 8007 Combined Annual Cap (6)	VOC		0.0050
PLANNED MAINTENANCE, STARTUP, AND SHUTDOWN EMISSIONS				
T30-1	IFR Landing Loss	VOC	2.3425	0.0016
		H_2S	0.0024	0.0001
T30-2	IFR Landing Loss	VOC	2.3425	0.0016
		H_2S	0.0024	0.0001
T50-1	IFR Landing Loss	VOC	2.3425	0.0022
		H_2S	0.0024	0.0001
T50-2	IFR Landing Loss	VOC	2.3425	0.0022
		H_2S	0.0024	0.0001
T50-3	IFR Landing Loss	VOC	2.3425	0.0022
		H_2S	0.0024	0.0001
T50-4	IFR Landing Loss	VOC	2.3425	0.0022
		H_2S	0.0024	0.0001
T50-5	IFR Landing Loss	VOC	2.3425	0.0022
		H_2S	0.0024	0.0001
T50-6	IFR Landing Loss	VOC	2.3425	0.0022
		H_2S	0.0024	0.0001
T50-7	IFR Landing Loss	VOC	2.3425	0.0022
		H_2S	0.0024	0.0001
T50-8	IFR Landing Loss	VOC	2.3425	0.0022
		H_2S	0.0024	0.0001

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T100-1	IFR Landing Loss	VOC	0.9745	0.0020
		H_2S	0.0010	0.0001
T100-2	IFR Landing Loss	VOC	0.9745	0.0020
		H_2S	0.0010	0.0001
T100-3	IFR Landing Loss	VOC	0.9745	0.0020
		H_2S	0.0010	0.0001
T100-4	IFR Landing Loss	VOC	0.9745	0.0020
		H_2S	0.0010	0.0001
T100-5	IFR Landing Loss	VOC	0.9745	0.0020
		H_2S	0.0010	0.0001
T100-6	IFR Landing Loss	VOC	0.9745	0.0020
		H_2S	0.0010	0.0001
T150-1	IFR Landing Loss	VOC	1.5740	0.0024
		H_2S	0.0020	0.0001
T150-2	IFR Landing Loss	VOC	1.5740	0.0024
		H_2S	0.0020	0.0001
T150-3	IFR Landing Loss	VOC	1.5740	0.0024
		H_2S	0.0020	0.0001
T150-4	IFR Landing Loss	VOC	1.5740	0.0024
		H_2S	0.0020	0.0001
T150-5	IFR Landing Loss	VOC	1.5740	0.0024
		H_2S	0.0020	0.0001
T150-6	IFR Landing Loss	VOC	1.5740	0.0024
		H_2S	0.0020	0.0001

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T200-1	IFR Landing Loss	VOC	0.9745	0.0020
		H_2S	0.0010	0.0001
T200-2	IFR Landing Loss	VOC	0.9745	0.0020
		H_2S	0.0010	0.0001
T200-3	IFR Landing Loss	VOC	0.9745	0.0020
		H_2S	0.0010	0.0001
T200-4	IFR Landing Loss	VOC	0.9745	0.0020
		H_2S	0.0010	0.0001
T200-5	IFR Landing Loss	VOC	0.9745	0.0020
		H_2S	0.0010	0.0001
T200-6	IFR Landing Loss	VOC	0.9745	0.0020
		H_2S	0.0010	0.0001
T200-7	IFR Landing Loss	VOC	0.9745	0.0020
		H_2S	0.0010	0.0001
T200-8	IFR Landing Loss	VOC	0.9745	0.0020
		H_2S	0.0010	0.0001
T30-1	IFR Tank Degassing	VOC	1.5491	0.0010
		H_2S	0.0016	0.0001
T30-2	IFR Tank Degassing	VOC	1.5491	0.0010
		H_2S	0.0016	0.0001
T50-1	IFR Tank Degassing	VOC	2.1359	0.0013
		H_2S	0.0021	0.0001
T50-2	IFR Tank Degassing	VOC	2.1359	0.0013
		H_2S	0.0021	0.0001

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T50-3	IFR Tank Degassing	VOC	2.1359	0.0013
		H_2S	0.0021	0.0001
T50-4	IFR Tank Degassing	VOC	2.1359	0.0013
		H_2S	0.0021	0.0001
T50-5	IFR Tank Degassing	VOC	2.1359	0.0013
		H_2S	0.0021	0.0001
T50-6	IFR Tank Degassing	VOC	2.1359	0.0013
		H_2S	0.0021	0.0001
T50-7	IFR Tank Degassing	VOC	2.1359	0.0013
		H_2S	0.0021	0.0001
T50-8	IFR Tank Degassing	VOC	2.1359	0.0013
		H_2S	0.0021	0.0001
T100-1	IFR Tank Degassing	VOC	2.4228	0.0015
		H_2S	0.0024	0.0001
T100-2	IFR Tank Degassing	VOC	2.4228	0.0015
		H_2S	0.0024	0.0001
T100-3	IFR Tank Degassing	VOC	2.4228	0.0015
		H_2S	0.0024	0.0001
T100-4	IFR Tank Degassing	VOC	2.4228	0.0015
		H_2S	0.0024	0.0001
T100-5	IFR Tank Degassing	VOC	2.4228	0.0015
		H_2S	0.0024	0.0001
T100-6	IFR Tank Degassing	VOC	2.4228	0.0015
		H_2S	0.0024	0.0001

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

T150-1	IFR Tank Degassing	VOC	5.2997	0.0033
		H_2S	0.0053	0.0001
T150-2	IFR Tank Degassing	VOC	5.2997	0.0033
		H_2S	0.0053	0.0001
T150-3	IFR Tank Degassing	VOC	5.2997	0.0033
		H_2S	0.0053	0.0001
T150-4	IFR Tank Degassing	VOC	5.2997	0.0033
		H_2S	0.0053	0.0001
T150-5	IFR Tank Degassing	VOC	5.2997	0.0033
		H_2S	0.0053	0.0001
T150-6	IFR Tank Degassing	VOC	5.2997	0.0033
		H_2S	0.0053	0.0001
T200-1	IFR Tank Degassing	VOC	4.8106	0.0030
		H_2S	0.0048	0.0001
T200-2	IFR Tank Degassing	VOC	4.8106	0.0030
		H_2S	0.0048	0.0001
T200-3	IFR Tank Degassing	VOC	4.8106	0.0030
		H_2S	0.0048	0.0001
T200-4	IFR Tank Degassing	VOC	4.8106	0.0030
		H_2S	0.0048	0.0001
T200-5	IFR Tank Degassing	VOC	4.8106	0.0030
		H_2S	0.0048	0.0001
T200-6	IFR Tank Degassing	VOC	4.8106	0.0030
		H_2S	0.0048	0.0001

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

T200-7	IFR Tank Degassing	VOC	4.8106	0.0030
		H_2S	0.0048	0.0001
T200-8	IFR Tank Degassing	VOC	4.8106	0.0030
		H_2S	0.0048	0.0001
T-30-1 thru T200-8	IFR Landing and Degassing Tanks 30-1 thru 200-8 Combined Annual Cap (6)	VOC		0.1284
		H_2S		0.0060
T30-1	Black Oil Tank Sparging	VOC	0.1821	0.0133
		H_2S	0.0002	0.0001
T30-2	Black Oil Tank Sparging	VOC	0.1821	0.0133
		H_2S	0.0002	0.0001
T30-1 and T30-2	Black Oil Tank Sparging Tanks 30-1 and 30-2 Combined Annual Cap (6)	VOC		0.0270
		H_2S		0.0001
T30-3	Black Oil Tank Sparging	VOC	0.1683	0.0122
		H_2S	0.0003	0.0001
T30-4	Black Oil Tank Sparging	VOC	0.1683	0.0122
		H_2S	0.0003	0.0001
T30-3 and T30-4	Black Oil Tank Sparging Tanks 30-3 and 30-4 Combined Annual Cap (6)	VOC		0.0122
		H_2S		0.0001
T50-1	Black Oil Tank Sparging	VOC	0.1821	0.0133
		H_2S	0.0002	0.0002
T50-2	Black Oil Tank Sparging	VOC	0.1821	0.0133
		H_2S	0.0002	0.0002
T50-3	Black Oil Tank Sparging	VOC	0.1821	0.0133
		H_2S	0.0002	0.0002

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

T50-4	Black Oil Tank Sparging	VOC	0.1821	0.0133
		H_2S	0.0002	0.0002
T50-5	Black Oil Tank Sparging	VOC	0.1821	0.0133
		H_2S	0.0002	0.0002
T50-6	Black Oil Tank Sparging	VOC	0.1821	0.0133
		H_2S	0.0002	0.0002
T50-7	Black Oil Tank Sparging	VOC	0.1821	0.0133
		H_2S	0.0002	0.0002
T50-8	Black Oil Tank Sparging	VOC	0.1821	0.0133
		H_2S	0.0002	0.0002
T50-1 through T50-8	Black Oil Tank Sparging Tanks 50-1 through 50-8 Combined Annual Cap (6)	VOC		0.1070
		H_2S		0.0001
T50-9	Black Oil Tank Sparging	VOC	0.1700	0.0122
		H_2S	0.0003	0.0001
T50-10	Black Oil Tank Sparging	VOC	0.1700	0.0122
		H_2S	0.0003	0.0001
T50-9 and T50-10	Black Oil Tank Sparging Tanks 50-9 and 50-10 Combined Annual Cap (6)	VOC		0.0244
		H_2S		0.0001
T100-1	Black Oil Tank Sparging	VOC	0.1732	0.0063
		H_2S	0.0002	0.0001
T100-2	Black Oil Tank Sparging	VOC	0.1732	0.0063
		H_2S	0.0002	0.0001
T100-3	Black Oil Tank Sparging	VOC	0.1732	0.0063
		H_2S	0.0002	0.0001

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

T100-4	Black Oil Tank Sparging	VOC	0.1732	0.0063
		H_2S	0.0002	0.0001
T100-5	Black Oil Tank Sparging	VOC	0.1732	0.0063
		H_2S	0.0002	0.0001
T100-6	Black Oil Tank Sparging	VOC	0.1732	0.0063
		H_2S	0.0002	0.0001
T100-1 through T100-6	Black Oil Tank Sparging Tanks 100-1 through 100-6 Combined Annual Cap (6)	VOC		0.03800
		H_2S		0.0001
T100-7	Black Oil Tank Sparging	VOC	0.1700	0.0059
		H_2S	0.0003	0.0001
T100-8	Black Oil Tank Sparging	VOC	0.1700	0.0059
		H_2S	0.0003	0.0001
T100-9	Black Oil Tank Sparging	VOC	0.1700	0.0059
		H_2S	0.0003	0.0001
T100-10	Black Oil Tank Sparging	VOC	0.1700	0.0059
		H_2S	0.0003	0.0001
T100-11	Black Oil Tank Sparging	VOC	0.1700	0.0059
		H_2S	0.0003	0.0001
T100-12	Black Oil Tank Sparging	VOC	0.1700	0.0059
		H_2S	0.0003	0.0001
T100-13	Black Oil Tank Sparging	VOC	0.1700	0.0059
		H_2S	0.0003	0.0001
T100-14	Black Oil Tank Sparging	VOC	0.1700	0.0059
		H_2S	0.0003	0.0001

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

T100-15	Black Oil Tank Sparging	VOC	0.1700	0.0059
		H_2S	0.0003	0.0001
T100-16	Black Oil Tank Sparging	VOC	0.1700	0.0059
		H_2S	0.0003	0.0001
T100-17	Black Oil Tank Sparging	VOC	0.1700	0.0059
		H_2S	0.0003	0.0001
T100-18	Black Oil Tank Sparging	VOC	0.1700	0.0059
		H_2S	0.0003	0.0001
T100-19	Black Oil Tank Sparging	VOC	0.1700	0.0059
		H_2S	0.0003	0.0001
T100-20	Black Oil Tank Sparging	VOC	0.1700	0.0059
		H_2S	0.0003	0.0001
T100-21	Black Oil Tank Sparging	VOC	0.1700	0.0059
		H_2S	0.0003	0.0001
T100-22	Black Oil Tank Sparging	VOC	0.1700	0.0059
		H_2S	0.0003	0.0001
T100-23	Black Oil Tank Sparging	VOC	0.1700	0.0059
		H_2S	0.0003	0.0001
T100-24	Black Oil Tank Sparging	VOC	0.1700	0.0059
		H_2S	0.0003	0.0001
T100-7 through T-100-24	Black Oil Tank Sparging Tanks 100-1 through 100-24 Combined Annual Cap (6)	VOC		0.1100
		H_2S		0.0002
T200-1	Black Oil Tank Sparging	VOC	0.1732	0.0063
		H_2S	0.0002	0.0001

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

T200-2	Black Oil Tank Sparging	VOC	0.1732	0.0063
		H_2S	0.0002	0.0001
T200-3	Black Oil Tank Sparging	VOC	0.1732	0.0063
		H_2S	0.0002	0.0001
T200-4	Black Oil Tank Sparging	VOC	0.1732	0.0063
		H_2S	0.0002	0.0001
T200-5	Black Oil Tank Sparging	VOC	0.1732	0.0063
		H_2S	0.0002	0.0001
T200-6	Black Oil Tank Sparging	VOC	0.1732	0.0063
		H_2S	0.0002	0.0001
T200-7	Black Oil Tank Sparging	VOC	0.1732	0.0063
		H_2S	0.0002	0.0001
T200-8	Black Oil Tank Sparging	VOC	0.1732	0.0063
		H_2S	0.0002	0.0001
T200-1 through T200-8	Black Oil Tank Sparging Tanks 200-1 through 200-8 Combined Annual Cap (6)	VOC		0.0510
		H_2S		0.0001
T200-9	Black Oil Tank Sparging	VOC	0.1700	0.0061
		H_2S	0.0003	0.0001
T200-10	Black Oil Tank Sparging	VOC	0.1700	0.0061
		H_2S	0.0003	0.0001
T200-11	Black Oil Tank Sparging	VOC	0.1700	0.0061
		H_2S	0.0003	0.0001
T200-12	Black Oil Tank Sparging	VOC	0.1700	0.0061
		H_2S	0.0003	0.0001
T200-9 through T200-	Black Oil Tank Sparging	VOC		0.0244

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

		H_2S		0.0001
T320-1	Black Oil Tank Sparging	VOC	0.1700	0.0040
		H_2S	0.0003	0.0001
T320-2	Black Oil Tank Sparging	VOC	0.1700	0.0040
		H_2S	0.0003	0.0001
T320-3	Black Oil Tank Sparging	VOC	0.1700	0.0040
		H_2S	0.0003	0.0001
T320-4	Black Oil Tank Sparging	VOC	0.1700	0.0040
		H_2S	0.0003	0.0001
T320-1 through T320-4	Black Oil Tank Sparging Tanks 320-1 through 320-4 Combined Annual Cap (6)	VOC		0.0240
		H_2S		0.0001

(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.
IFR - internal floating roof
VCU - vapor combustor unit
(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
H_2S - hydrogen sulfide
NO_x - total oxides of nitrogen
CO - carbon monoxide
SO_2 - sulfur dioxide
PM - total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$, as represented
PM_{10} - total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$, as represented
$PM_{2.5}$ - particulate matter equal to or less than 2.5 microns in diameter
(4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
(5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
(6) The combined annual emissions of all associated EPNs shall not exceed the Combined Annual Cap.

Date: May 25, 2012