#### Permit Numbers 38754 and PSDTX324M14

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	
		wanie (3)	lbs/hour	TPY (4)
MSS Caps	MSS Caps	со	2085.19	88.17
		H <sub>2</sub> S	10.59	0.22
		NH <sub>3</sub>	4.41	0.71
		NO <sub>x</sub>	356.84	20.21
		PM	79.52	2.21
		PM <sub>10</sub>	79.52	1.37
		PM <sub>2.5</sub>	79.52	1.37
		SO <sub>2</sub>	996.29	37.23
		voc	578.44	69.65
		Exempt Solvents	1.76	0.60
1	Heater - Crude Heater (01-H-01)	со	8.10	20.13
		NH <sub>3</sub>	0.05	0.17
		NO <sub>x</sub>	9.72	19.24
		РМ	1.21	4.00
		PM <sub>10</sub>	1.21	4.00
		PM <sub>2.5</sub>	1.21	4.00
		SO <sub>2</sub>	2.50	5.71
		VOC	0.87	2.90

101	Llaster Coulds Droflash (01 LL 02)			
131	Heater - Crude Preflash (01-H-02)	СО	0.62	2.71
		NH <sub>3</sub>	<0.01	0.02
		NO <sub>x</sub>	1.77	6.29
		РМ	0.13	0.49
		PM <sub>10</sub>	0.13	0.49
		PM <sub>2.5</sub>	0.13	0.49
		SO <sub>2</sub>	0.27	0.64
		voc	0.10	0.35
132	Heater - Crude Stabilizer (01-H-03)	СО	0.17	0.72
		NH <sub>3</sub>	<0.01	<0.01
		NO <sub>x</sub>	0.48	2.06
		РМ	0.04	0.15
		PM <sub>10</sub>	0.04	0.15
		PM <sub>2.5</sub>	0.04	0.15
		SO <sub>2</sub>	0.07	0.22
		voc	0.03	0.11
74	Vacuum Heater	со	4.99	16.77
		NH <sub>3</sub>	0.03	0.14
		NO <sub>x</sub>	5.98	26.21
		РМ	0.74	3.26
		PM <sub>10</sub>	0.74	3.26
		PM <sub>2.5</sub>	0.74	3.26
		SO <sub>2</sub>	1.37	4.13
		voc	0.54	2.36

114	Heater - Desalter Heater (11-H-01)	СО	3.54	15.52
		NH <sub>3</sub>	0.03	0.14
		NO <sub>x</sub>	3.96	17.34
		РМ	0.74	3.23
		PM <sub>10</sub>	0.74	3.23
		PM <sub>2.5</sub>	0.74	3.23
		SO <sub>2</sub>	1.52	4.60
		VOC	0.53	2.34
		H <sub>2</sub> S	0.02	0.05
115	HDS Heaters	СО	8.08	32.91
		NH <sub>3</sub>	0.05	0.22
		NO <sub>x</sub>	9.70	42.07
		РМ	1.20	5.22
		PM <sub>10</sub>	1.20	5.22
		PM <sub>2.5</sub>	1.20	5.22
		SO <sub>2</sub>	2.49	7.45
		VOC	0.87	3.78
116	Heater - HDS Pre-Heater (12-H-02)	СО	0.31	1.10
		NH <sub>3</sub>	<0.01	0.02
		NO <sub>x</sub>	2.36	8.28
		РМ	0.15	0.51
		PM <sub>10</sub>	0.15	0.51
		PM <sub>2.5</sub>	0.15	0.51
	*	SO <sub>2</sub>	0.30	0.73
		VOC	0.11	0.37

118	Hydrogen Reformer Heater	со	58.51	220.73
		NH <sub>3</sub>	0.37	1.52
		NO <sub>x</sub>	70.21	284.40
		PM	8.72	35.80
		PM <sub>10</sub>	8.72	35.80
		PM <sub>2.5</sub>	8.72	35.80
		SO <sub>2</sub>	44.53	122.64
		voc	9.95	25.91
153	Heater - HR Boiler (30-B-02)	СО	8.46	28.94
		NH <sub>3</sub>	0.09	0.33
		NO <sub>x</sub>	22.56	82.34
		PM	2.10	5.51
		PM <sub>10</sub>	2.10	5.51
		PM <sub>2.5</sub>	2.10	5.51
		SO <sub>2</sub>	4.34	10.66
		voc	1.52	3.99
30-B-04	Boiler 30-B-04	со	19.84	48.14
		NH <sub>3</sub>	2.41	5.86
		NO <sub>x</sub>	8.25	20.02
		РМ	4.10	9.95
		PM <sub>10</sub>	4.10	9.95
		PM <sub>2.5</sub>	4.10	9.95
		SO <sub>2</sub>	8.65	14.47
		voc	2.97	7.20
30-B-04MSS	Boiler 30-B-04	со	198.55	3.57
		NO <sub>x</sub>	55.00	0.99

447	Harton Aller France Bala (04 H 04)			
117	Heater - Alky Frac. Reb. (31-H-01)	СО	2.51	8.83
		NH <sub>3</sub>	0.05	0.17
		NO <sub>x</sub>	5.64	19.86
		РМ	1.17	4.11
		PM <sub>10</sub>	1.17	4.11
		PM <sub>2.5</sub>	1.17	4.11
		SO <sub>2</sub>	2.41	5.86
		VOC	0.85	2.97
120	Heater - Butamer Heater (36-H-01)	СО	0.27	0.98
		NH <sub>3</sub>	<0.01	0.02
		NO <sub>x</sub>	2.00	4.30
		РМ	0.12	0.26
		PM <sub>10</sub>	0.12	0.26
		PM <sub>2.5</sub>	0.12	0.26
		SO <sub>2</sub>	0.26	0.41
		voc	0.09	0.19
162	Oleflex Heater	со	19.45	69.49
		NH <sub>3</sub>	0.12	0.49
		NO <sub>x</sub>	23.34	65.75
		РМ	2.90	11.62
		PM <sub>10</sub>	2.90	11.62
		PM <sub>2.5</sub>	2.90	11.62
		SO <sub>2</sub>	5.99	16.57
		voc	2.10	8.41

Heater - Suitten Heater (46-H-01)	СО	0.35	1.49
	NH <sub>3</sub>	0.01	0.03
	NO <sub>x</sub>	2.62	5.21
	РМ	0.16	0.32
	PM <sub>10</sub>	0.16	0.32
	PM <sub>2.5</sub>	0.16	0.32
	SO <sub>2</sub>	0.34	0.63
	voc	0.12	0.24
HCU Heater	СО	6.10	24.38
	NH <sub>3</sub>	0.06	0.26
	NO <sub>x</sub>	12.19	48.76
	РМ	1.51	6.06
	PM <sub>10</sub>	1.51	6.06
	PM <sub>2.5</sub>	1.51	6.06
	SO <sub>2</sub>	3.13	8.63
	voc	1.10	4.38
Heater - NHU Heater (48-H-01)	со	3.05	6.68
	NH <sub>3</sub>	0.01	0.05
	NO <sub>x</sub>	3.90	17.08
	PM	0.29	1.27
	PM <sub>10</sub>	0.29	1.27
	PM <sub>2.5</sub>	0.29	1.27
	SO <sub>2</sub>	0.60	1.81
	voc	0.21	0.92
		NH <sub>3</sub>	NH <sub>3</sub>

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152	CRU Heater	со	16.85	57.02
		NH <sub>3</sub>	0.18	0.60
		NO <sub>x</sub>	39.31	133.06
		PM	4.18	14.16
		PM <sub>10</sub>	4.18	14.16
		PM <sub>2.5</sub>	4.18	14.16
		SO <sub>2</sub>	9.80	22.69
		voc	3.03	10.25
172	Heater - RSU Heater (49-H-71)	СО	3.30	12.72
		NH <sub>3</sub>	0.02	0.08
		NO <sub>x</sub>	3.96	15.26
		PM	0.49	1.90
		PM <sub>10</sub>	0.49	1.90
		PM <sub>2.5</sub>	0.49	1.90
		SO <sub>2</sub>	1.02	2.70
		voc	0.36	1.37
49-H-90	Heater - C7 Splitter Reb. (49-H-90)	со	5.32	16.82
		NH <sub>3</sub>	0.03	0.13
		NO <sub>x</sub>	4.25	15.46
		PM	0.79	3.01
		PM <sub>10</sub>	0.79	3.01
		PM <sub>2.5</sub>	0.79	3.01
		SO <sub>2</sub>	1.64	4.29
		voc	0.57	2.18

46-24F	SULF-10 Fugitives (5)	H <sub>2</sub> S	See Subcap	See Subcap
38F	Oleflex Unit	VOC	See Subcap	See Subcap
37F	Iso-Octene	voc	See Subcap	See Subcap
36F	Butamer Unit	voc	See Subcap	See Subcap
		voc	See Subcap	See Subcap
		HF	0.52	2.30
31F	Alky Unit	H <sub>2</sub> S	See Subcap	See Subcap
07F	#07 BUP Flare	VOC	See Subcap	See Subcap
30F	Boiler House	VOC	See Subcap	See Subcap
		voc	See Subcap	See Subcap
21/22F	HOC	H <sub>2</sub> S	See Subcap	See Subcap
20F	LRU	voc	See Subcap	See Subcap
18F	LEU -2	voc	See Subcap	See Subcap
13F	H₂ Reformer	VOC	See Subcap	See Subcap
		voc	See Subcap	See Subcap
12F	HDS Unit	H <sub>2</sub> S	See Subcap	See Subcap
11F	Desalter Unit	VOC	See Subcap	See Subcap
4F	LEU Unit	VOC	See Subcap	See Subcap
		VOC	See Subcap	See Subcap
2F	Vacuum Unit	H <sub>2</sub> S	See Subcap	See Subcap
1F	Crude Unit	VOC	See Subcap	See Subcap
		voc	0.89	3.34
		SO <sub>2</sub>	2.55	6.57
		PM <sub>2.5</sub>	1.23	4.61
		PM <sub>10</sub>	1.23	4.61
		РМ	1.23	4.61
		NO <sub>x</sub>	5.80	14.69
		NH <sub>3</sub>	0.05	0.20
195	Heater - GDU Charge Heater (52-H-01)	СО	13.65	34.29

		VOC	See Subcap	See Subcap
41F	SRU Unit Fugitives (5)	H <sub>2</sub> S	See Subcap	See Subcap
		VOC	See Subcap	See Subcap
47F	HCU Unit	H <sub>2</sub> S	See Subcap	See Subcap
		VOC	See Subcap	See Subcap
47PSA	PSA Unit	VOC	See Subcap	See Subcap
48F	NHT Unit	H <sub>2</sub> S	See Subcap	See Subcap
		voc	See Subcap	See Subcap
49F	CRU Unit	VOC	See Subcap	See Subcap
175	XFU/RFU/C7Split Unit	voc	See Subcap	See Subcap
52F	GDU Unit	voc	See Subcap	See Subcap
DOCKS	DK-Docks	voc	See Subcap	See Subcap
08F	#08FLR/Day Tanks	voc	See Subcap	See Subcap
LPG STGF	LPG STORAGE	voc	See Subcap	See Subcap
MVRUF	MVRU	voc	See Subcap	See Subcap
TERM-F	#TM-Terminal	voc	See Subcap	See Subcap
TRKRACKFUG	TRUCK RACK (5)	voc	See Subcap	See Subcap
83F	Wastewater Treatment Plant	voc	See Subcap	See Subcap
54F	Selective Hydrogenation Unit	voc	See Subcap	See Subcap
42F	Sour Water Stripper	H <sub>2</sub> S	See Subcap	See Subcap
		voc	See Subcap	See Subcap
168	Oleflex CCR	Cl <sub>2</sub>	<0.01	0.04
		H <sub>2</sub> SO <sub>4</sub>	<0.01	0.01
		HCI	0.06	0.28
		SO <sub>2</sub>	0.04	0.19
69	Tank - 9	voc	3.10	0.49
122	Cooling Tower - HOC	PM	17.71	65.86
		PM <sub>10</sub>	16.82	62.58
		PM <sub>2.5</sub>	2.63	9.78

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		voc	5.67	21.09
123	Cooling Tower - Alky	РМ	0.71	2.00
		PM <sub>10</sub>	0.70	1.98
		PM <sub>2.5</sub>	0.19	0.55
		voc	1.26	3.55
167-CT	Cooling Tower - BUP	РМ	4.52	19.26
		PM <sub>10</sub>	4.30	18.33
		PM <sub>2.5</sub>	0.67	2.88
		voc	1.47	6.27
1CT	Cooling Tower - Crude	PM	0.34	1.13
		PM <sub>10</sub>	0.34	1.11
		PM <sub>2.5</sub>	0.06	0.21
		VOC	0.17	0.55
16-P-04	Engine - 16-P-04	СО	2.20	0.06
		NO <sub>x</sub>	8.00	0.21
		РМ	0.73	0.02
		PM <sub>10</sub>	0.73	0.02
		PM <sub>2.5</sub>	0.73	0.02
		SO <sub>2</sub>	0.68	0.02
		voc	0.83	0.02

Engine - 16-P-07	со	2.67	0.04
	NO <sub>x</sub>	9.69	0.15
	РМ	0.88	0.01
	PM <sub>10</sub>	0.88	0.01
	PM <sub>2.5</sub>	0.88	0.01
	SO <sub>2</sub>	0.82	0.01
	voc	1.01	0.02
Engine - 16-P-11	со	0.80	0.02
	NOx	3.32	0.09
	PM	0.11	<0.01
	PM <sub>10</sub>	0.11	<0.01
	PM <sub>2.5</sub>	0.11	<0.01
	SO <sub>2</sub>	0.10	<0.01
	voc	0.12	<0.01
Engine - 16-P-12	со	0.80	0.02
	NO <sub>x</sub>	3.32	0.09
	РМ	0.11	<0.01
	PM <sub>10</sub>	0.11	<0.01
	PM <sub>2.5</sub>	0.11	<0.01
	SO <sub>2</sub>	0.10	<0.01
	voc	0.12	<0.01
	Engine - 16-P-11	NO <sub>x</sub>	NO <sub>x</sub> 9.69 PM 0.88 PM <sub>10</sub> 0.88 PM <sub>25</sub> 0.88 SO <sub>2</sub> 0.82 VOC 1.01 Engine - 16-P-11 CO 0.80 NO <sub>x</sub> 3.32 PM 0.11 PM <sub>25</sub> 0.11 SO <sub>2</sub> 0.10 VOC 0.12 Engine - 16-P-12 CO 0.80 NO <sub>x</sub> 3.32 PM 0.11 PM <sub>25</sub> 0.11 SO <sub>2</sub> 0.10 PM <sub>25</sub> 0.11 SO <sub>2</sub> 0.10 SO <sub>3</sub> 0.11 PM <sub>10</sub> 0.11 PM <sub>25</sub> 0.11 SO <sub>2</sub> 0.10

16-P-13	Engine - 16-P-13	со	0.80	0.02
		NO <sub>x</sub>	3.32	0.09
		PM	0.11	<0.01
		PM <sub>10</sub>	0.11	<0.01
		PM <sub>2.5</sub>	0.11	<0.01
		SO <sub>2</sub>	0.10	<0.01
		voc	0.12	<0.01
16-P-14	Engine - 16-P-14	со	0.80	0.02
		NOx	3.32	0.09
		PM	0.11	<0.01
		PM <sub>10</sub>	0.11	<0.01
		PM <sub>2.5</sub>	0.11	<0.01
		SO <sub>2</sub>	0.10	<0.01
		voc	0.12	<0.01
126	Main Flare	со	See Subcap	See Subcap
		H₂S	See Subcap	See Subcap
		NO <sub>x</sub>	See Subcap	See Subcap
		SO <sub>2</sub>	See Subcap	See Subcap
		voc	See Subcap	See Subcap
158	Ground Flare	со	See Subcap	See Subcap
		H <sub>2</sub> S	See Subcap	See Subcap
		NO <sub>x</sub>	See Subcap	See Subcap
		SO <sub>2</sub>	See Subcap	See Subcap
		voc	See Subcap	See Subcap

127	BUP Flare	со	See Subcap	See Subcap
		H <sub>2</sub> S	See Subcap	See Subcap
		NO <sub>x</sub>	See Subcap	See Subcap
		SO <sub>2</sub>	See Subcap	See Subcap
		VOC	See Subcap	See Subcap
135	Acid Gas Flare (pilot only)	со	See Subcap	See Subcap
		H <sub>2</sub> S	See Subcap	See Subcap
		NO <sub>x</sub>	See Subcap	See Subcap
		SO <sub>2</sub>	See Subcap	See Subcap
		voc	See Subcap	See Subcap
Various	Flares Subcap	со	113.27	121.03
		H <sub>2</sub> S	0.04	0.11
		NO <sub>x</sub>	23.04	20.77
		SO <sub>2</sub>	3.55	10.43
		voc	291.17	63.51
31	Loading - Heavy Oil	voc	14.96	4.72
SHIP FUG	Loading - Ships Fugitives (5)	voc	237.46	91.74
VRU	Loading - MVRU	VOC	61.33	23.13
TRUCKFUG	Loading - Truck Fugitives (5)	VOC	11.86	15.87
TRUCKCOMB	Loading - Truck Combustor	со	15.28	22.76
		NO <sub>x</sub>	7.64	11.38
		SO <sub>2</sub>	0.02	0.03
		VOC	8.18	13.61
		PM	0.23	0.34
		PM <sub>10</sub>	0.23	0.34
		PM <sub>2.5</sub>	0.23	0.34
AE-49601A/B	AE-49601A/B Analyzer Vent	VOC	0.01	0.01
AE-49900A/B	AE-49900A/B Analyzer Vent	VOC	0.01	0.01
AE-49901A/B	AE-49901A/B Analyzer Vent	voc	0.01	0.01

118	SMR Condenser Vent	VOC	3.64	15.94
155	CRU CCR	HCI	0.07	0.29
		H₂S	0.58	2.52
FUG-CAP	Fugitives Subcap (5)	voc	105.75	462.99
		SO <sub>2</sub>	13.816	9.95
		PM <sub>2.5</sub>	1.205	0.87
		PM <sub>10</sub>	1.205	0.87
		РМ	1.205	0.87
		NO <sub>x</sub>	1.233	0.72
		H <sub>2</sub> S	0.047	0.03
121 (6)	Temporary SRU Stack	СО	10.04	7.23
		VOC	0.96	3.46
		SO <sub>2</sub>	191.32	837.99
		PM <sub>2.5</sub>	24.72	98.38
		PM <sub>10</sub>	24.72	98.38
		PM	24.72	98.38
		NO <sub>x</sub>	54.64	239.31
		H <sub>2</sub> S	5.82	18.73
121 (6)	SRU Incinerators Cap	со	220.75	678.85
		NH <sub>3</sub>	4.84	17.88
		voc	28.02	115.53
		SO <sub>2</sub>	203.53	420.09
		PM <sub>2.5</sub>	120.32	527.00
		PM <sub>10</sub>	120.32	527.00
		PM	120.32	527.00
		NO <sub>x</sub>	356.20	473.81
		H <sub>2</sub> SO <sub>4</sub>	49.00	214.62
		HCN	80.47	320.40
121 (6)	HOC Belco Scrubber	со	889.96	1,470.33

21 BH	MAGNACAT Unit	PM	0.18	0.60
		PM <sub>10</sub>	0.18	0.60
		PM <sub>2.5</sub>	0.18	0.60
187	Tank 25	H₂S	0.02	0.04
		NH <sub>3</sub>	<0.01	<0.01
		voc	1.43	5.33
83-P-136A	Engine 83-P-136A-EN	СО	2.48	0.06
		NO <sub>x</sub>	7.43	0.19
		РМ	0.38	<0.01
		PM <sub>10</sub>	0.38	<0.01
		PM <sub>2.5</sub>	0.38	<0.01
		SO <sub>2</sub>	0.88	0.02
		VOC	7.43	0.19
83-P-136B	Engine 83-P-136B-EN	СО	2.48	0.06
		NO <sub>x</sub>	7.43	0.19
		РМ	0.38	<0.01
		PM <sub>10</sub>	0.38	<0.01
		PM <sub>2.5</sub>	0.38	<0.01
		SO <sub>2</sub>	0.88	0.02
		voc	7.43	0.19
WWTP-OWS	WW collection system	voc	8.62	37.77
83-TK-26	Tank 26	VOC	0.12	0.45
83-TK-159	Tank 159	VOC	0.15	0.39
83-TK-160	Tank 160	VOC	0.15	0.39
83-V-97	Tank 97	voc	0.18	0.40
83-V-58	Tank 58	voc	0.11	0.44
83-V-59	Tank 59	voc	0.11	0.44
83-TK-162	Tank 162	voc	0.39	1.77
83-TK-155	Tank 155	VOC	0.39	1.77

124	API/DGF Combustor	со	1.65	7.22
		NO <sub>x</sub>	0.45	1.76
		SO <sub>2</sub>	0.03	0.13
		voc	2.94	12.88
83-TK-23	Equalization Tank	voc	0.81	3.51
83-TK27	Bio Oxidation Reactor Tank	voc	0.51	2.22
WWTP-AERB	Aeration Basin	voc	0.25	1.09
WWTP-CLRF	Clarifier	voc	<0.01	0.04
WWTP-SLB	Saline Basin	voc	<0.01	<0.01
01-01	Crude/Vacuum Unit Pump Alley	voc	<0.01	0.02
01-02	North Side of Vacuum Unit	voc	<0.01	0.02
01-03	North Side of Vacuum Unit	voc	<0.01	0.02
	Northwest Side of Vacuum Unit - Main Sump	voc	<0.01	0.03
03-01	N of Tanks 156/161	voc	0.02	0.08
98-02	WP MSAT Rail Rack	voc	0.02	0.08
11-01	Desalter Pump Alley	voc	<0.01	0.02
41-01	North of 43-TK-08 (Amine Tank)	voc	<0.01	0.02
41-02	W of 41-V-05 (Acid Gas K.O. Drum)	voc	<0.01	0.02
49-01	Northwest of XFU	voc	<0.01	0.02
49-02	North Side of NHT (Unit 48)	voc	<0.01	0.02
49-03	NHT (Unit 48) Pump Alley	voc	<0.01	0.02
50-01	East of Tank 62	voc	<0.01	0.02
52-01	NW of GDU MCC Room	voc	<0.01	0.02
70-01	East of Tank 55	voc	<0.01	0.02
70-02	Northwest of Tank 106	voc	<0.01	0.02
70-03	West of Tank 94 (S&D Main Sump)	voc	<0.01	0.03
72-01	East of Tank 111	voc	<0.01	0.02
73-01	North of Tank 152 (Terminal 2A)	voc	<0.01	0.02
73-02	Between TK 8 & TK 164 (Terminal 2)	VOC	<0.01	0.02

83-01	WWT (Hydroblast Pad)	voc	0.02	0.07
83-02	WWT (Desalter Lift Station)	voc	0.01	0.05
83-03	WWT (East of KOH Treater)	voc	0.02	0.07
83-04	WWT (Northeast of Tank 159)	voc	<0.01	0.02
83-05	WWT (North Lift Station)	voc	<0.01	0.03
83-06	WWT (North of V-68)	voc	<0.01	0.02
83-07	WWT (South of V-55)	voc	<0.01	0.02
83-09	WWT (BSRP)	voc	<0.01	0.02
83-10	WWT 83-V-99 (Diversion Box)	voc	0.02	0.07
83-12	WWT 83-V-28 (SE of Catalyst Pad)	voc	0.02	0.07
V-201	WP MSAT Rail Rack	voc	0.51	2.23
124a	WP WWT API Combustor Backup	voc	0.02	0.08
16-V-11	FWP 16-P-11 Diesel Tank	voc	0.03	<0.01
16-V-12	FWP 16-P-12 Diesel Tank	voc	0.03	<0.01
16-V-13	FWP 16-P-13 Diesel Tank	voc	0.03	<0.01
16-V-14	FWP 16-P-14 Diesel Tank	voc	0.03	<0.01
FWP-FUG	Firewater Pump Engine Fugitives	voc	0.06	0.26

- (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) Cl<sub>2</sub> chlorine

CO - carbon monoxide
HCN - hvdrogen cvanide

HCN - hydrogen cyanideHF - hydrogen fluoride

 $H_2S$  - hydrogen sulfide

H<sub>2</sub>SO<sub>4</sub> - sulfuric acid

MSS - Maintenance, Startup and Shutdown

 $NH_3$  - ammonia

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

PM - total particulate matter, suspended in the atmosphere, including  $PM_{10}$  and  $PM_{2.5}$ , as represented

PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented

PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter

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

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

- (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.

Date:

