

## Emission Sources - Maximum Allowable Emission Rates

Permit Numbers 6056 and PSDTX1062M1

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)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
				lbs/hour	TPY (4)
FCOKE2	COKE 2FE	DCU Coke Handling (5)	PM	0.01	0.01
			PM <sub>10</sub>	0.01	0.01
			PM <sub>2.5</sub>	0.01	0.01
FCOKE X	COKE X FE	Coke Stockpile Surge Pad (5)	PM	0.33	1.45
			PM <sub>10</sub>	0.17	0.72
			PM <sub>2.5</sub>	0.17	0.72
FKCRU5 FE	CRU5 FE	#5 CRU Cooling Tower (5)	VOC	2.31	10.12
			Benzene	0.01	0.03
			Chlorine	0.28	1.25
FKDCU2 FE	DCU2 FE	DCU 2 Cooling Tower (5)	VOC	1.71	7.49
			Benzene	0.01	0.01
			Chlorine	0.21	0.92
FKPS 4 FE	PS 4 FE	Power Station Cooling Tower (5)	Chlorine	0.04	0.17
FKVPS 5 FE	VPS 5 FE	VPS Cooling Tower (5)	VOC	1.64	7.17
			Benzene	0.01	0.01
			Chlorine	0.20	0.88
FKARU3	ARU 3 FE	ARU No. 3 Cooling Tower (5)	VOC	0.01	0.04
			Benzene	0.01	0.01
			Chlorine	0.01	0.06
FARU1	ARU 1 FE	ARU No. 1 Fugitive Emissions (5)	VOC	0.14	0.63
			Benzene	0.01	0.01
			Hydrogen Sulfide	0.22	0.96

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				lbs/hour	TPY (4)
FARU2	ARU2 FE	ARU No. 2 Fugitive Emissions (5)	VOC	0.08	0.33
			Benzene	0.01	0.01
			Hydrogen Sulfide	0.11	0.48
FARU3	ARU 3 FE	ARU No.3 Fugitive Emissions (5)	VOC	0.08	0.36
			Benzene	0.01	0.01
			Hydrogen Sulfide	0.08	0.37
FSWS1	ARU 3 FE	ARU No.3 Fugitive Emissions (5)	VOC	0.01	0.01
			Benzene	0.16	0.72
			Ammonia	0.01	0.01
FARU4	ARU 4 FE	ARU No.4 Fugitive Emissions (5)	VOC	0.04	0.16
			Benzene	0.01	0.01
			Hydrogen Sulfide	0.04	0.17
FARU5	ARU 5 FE	ARU No. 5 Fugitive Emissions (5)	VOC	0.04	0.16
			Benzene	0.01	0.01
			Hydrogen Sulfide	0.04	0.17
FSWS2	ARU 5 FE	ARU No.5 Fugitive Emissions (5)	VOC	0.01	0.01
			Hydrogen Sulfide	0.16	0.72
			Ammonia	0.01	0.01
FARU6	ARU 6 FE	ARU no. 6 Fugitive Emissions (5)	VOC	0.04	0.16
			Benzene	0.01	0.01
			Hydrogen Sulfide	0.04	0.17
FSWS3	ARU 6 FE	ARU No. 6 Fugitive Emissions (5)	VOC	0.01	0.01
			Hydrogen Sulfide	0.16	0.72
			Ammonia	0.01	0.01

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Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
				lbs/hour	TPY (4)
FNHTU2	NHTU2 FE	Naphtha Treating Complex Fugitive Emissions (5)	VOC	2.59	11.33
			Benzene	0.01	0.03
FDCU2	FDCU2	DCU No.2 Fugitive Emissions (5)	VOC	2.91	12.75
			Benzene	0.01	0.03
FHCU2	HCU NO2 FE	HCU No. 2 Fugitive Emissions (5)	VOC	2.77	12.15
			Benzene	0.01	0.01
FHCU2-OSBL	HCU2 OSBL FE	HCU No.2 OSBL Fugitive Emissions (5)	VOC	2.53	11.10
			Benzene	0.01	0.01
FHTU6	HTU 6 FE	HTU 6 Fugitive Emissions (5)	VOC	1.29	5.66
			Benzene	0.01	0.01
FPS4	PS 4 FE	Power Station No.4 Fugitive Emissions (5)	VOC	0.15	0.66
			Benzene	0.01	0.01
FSRU2	SRU 2 FE	SRU No.2 Fugitive Emissions (5)	SO <sub>2</sub>	0.01	0.04
			Hydrogen Sulfide	0.01	0.05
FSRU3	SRU 3 FE	SRU No.3 Fugitive Emissions (5)	SO <sub>2</sub>	0.01	0.04
			Hydrogen Sulfide	0.01	0.05
FSRU4	SRU 4 FE	SRU No.4 Fugitive Emissions (5)	SO <sub>2</sub>	0.06	0.24
			Hydrogen Sulfide	0.06	0.26
FSRU5	SRU 5 FE	SRU No.5 Fugitive Emissions (5)	SO <sub>2</sub>	0.04	0.16
			Hydrogen Sulfide	0.04	0.17

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Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
				lbs/hour	TPY (4)
FSRU6	SRU 6 FE	SRU No.6 Fugitive Emissions (5)	SO <sub>2</sub>	0.04	0.16
			Hydrogen Sulfide	0.04	0.17
FSRU7	SRU 7 FE	SRU No.7 Fugitive Emissions (5)	SO <sub>2</sub>	0.04	0.16
			Hydrogen Sulfide	0.04	0.17
FVPS5	VPS NO5 FE	VPS No.5 Fugitive Emissions (5)	VOC	7.04	30.81
			Benzene	0.01	0.06
FTGTU1	TGTU 1 FE	Tail Gas Treating Unit No.1 Incinerator Fugitives (5)	SO <sub>2</sub>	0.01	0.01
			CO	0.01	0.01
			Hydrogen Sulfide	0.01	0.01
FTGTU2	TGTU 2 FE	Tail Gas Treating Unit No.2 Incinerator Fugitives (5)	SO <sub>2</sub>	0.01	0.01
			CO	0.01	0.01
			Hydrogen Sulfide	0.01	0.01
FTGTU5	TGTU 5 FE	Tail Gas Treating Unit No.5 Incinerator Fugitives (5)	SO <sub>2</sub>	0.01	0.02
			CO	0.01	0.04
			Hydrogen Sulfide	0.01	0.04
FTGTU6	TGTU 6 FE	Tail Gas Treating Unit No.6 Incinerator Fugitives (5)	SO <sub>2</sub>	0.01	0.02
			CO	0.01	0.04
			Hydrogen Sulfide	0.01	0.04
FTGTU7	TGTU 7 FE	Tail Gas Treating Unit No.7 Incinerator Fugitives (5)	SO <sub>2</sub>	0.01	0.02
			CO	0.01	0.04
			Hydrogen Sulfide	0.01	0.04
FGR-3	FGR-3	Flare Gas Recovery	VOC	1.09	4.79
			Benzene	0.01	0.01

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Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
				lbs/hour	TPY (4)
FGR-4	FGR-4	Flare Gas Recovery	VOC	1.09	4.79
			Benzene	0.01	0.01
SCRU5-1	CRU5INTHT1	#5 CRU Platformer No.1 Intermediate Heater	NO <sub>x</sub>	17.33	42.66
			VOC	2.67	4.60
			SO <sub>2</sub>	18.44	37.82
			CO	16.94	58.41
			PM	3.69	12.71
			PM <sub>10</sub>	3.69	12.71
			PM <sub>2.5</sub>	3.69	12.71
SCRU5-2	CRU5INTHT2	#5 CRU Platformer No.2 Intermediate Heater	NO <sub>x</sub>	12.39	27.51
			VOC	1.91	2.97
			SO <sub>2</sub>	13.19	24.39
			CO	12.12	37.67
			PM	2.64	8.20
			PM <sub>10</sub>	2.64	8.20
			PM <sub>2.5</sub>	2.64	8.20
SCRU5-2	CRU5INTHT3	#5 CRU Platformer No.3 Intermediate Heater	NO <sub>x</sub>	7.70	21.04
			VOC	1.19	2.27
			SO <sub>2</sub>	8.20	18.65
			CO	7.53	28.81
			PM	1.64	6.27
			PM <sub>10</sub>	1.64	6.27
			PM <sub>2.5</sub>	1.64	6.27
SNHTU2-1	NHTU2CHT	Naphtha Hydrotreater CHG Heater	NO <sub>x</sub>	7.25	19.88
			VOC	1.12	2.14
			SO <sub>2</sub>	7.71	17.63
			CO	7.09	27.22
			PM	1.54	5.93

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Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
				lbs/hour	TPY (4)
			PM <sub>10</sub>	1.54	5.93
			PM <sub>2.5</sub>	1.54	5.93
SCRU5-1	CRU5PLATHT	#5 CRU Platformer Heater	NO <sub>x</sub>	13.93	38.15
			VOC	2.15	4.11
			SO <sub>2</sub>	14.83	33.82
			CO	13.62	52.23
			PM	2.97	11.37
			PM <sub>10</sub>	2.97	11.37
			PM <sub>2.5</sub>	2.97	11.37
SHCU2-1	HCU2H1A	HCU No.2 1 <sup>st</sup> Stage Charge Set A Heater	NO <sub>x</sub>	2.32	6.66
			VOC	0.36	0.72
			SO <sub>2</sub>	2.47	5.91
			CO	2.27	9.12
			PM	0.49	1.99
			PM <sub>10</sub>	0.49	1.99
			PM <sub>2.5</sub>	0.49	1.99
SHCU2-2	HCU2H1B	HCU No.2 1 <sup>st</sup> Stage Charge Set B Heater	NO <sub>x</sub>	2.32	6.66
			VOC	0.36	0.72
			SO <sub>2</sub>	2.47	5.91
			CO	2.27	9.12
			PM	0.49	1.99
			PM <sub>10</sub>	0.49	1.99
			PM <sub>2.5</sub>	0.49	1.99
SHCU2-3	HCU2H2	HCU No.2 2 <sup>nd</sup> Charge Heater	NO <sub>x</sub>	2.94	8.46
			VOC	0.45	0.91
			SO <sub>2</sub>	3.13	7.50
			CO	2.88	11.58
			PM	0.63	2.52

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Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
				lbs/hour	TPY (4)
			PM <sub>10</sub>	0.63	2.52
			PM <sub>2.5</sub>	0.63	2.52
SHTU6-1	HTU6CHGH1	HTU No.6 Charge Heater	NO <sub>x</sub>	3.29	9.46
			VOC	0.51	1.02
			SO <sub>2</sub>	3.51	8.39
			CO	3.22	12.96
			PM	0.70	2.82
			PM <sub>10</sub>	0.70	2.82
			PM <sub>2.5</sub>	0.70	2.82
SHTU6-2	HTU6CHGH2	HTU No.6 Fractionator Reboiler	NO <sub>x</sub>	2.51	7.22
			VOC	0.39	0.78
			SO <sub>2</sub>	2.67	6.40
			CO	2.46	9.88
			PM	0.53	2.15
			PM <sub>10</sub>	0.53	2.15
			PM <sub>2.5</sub>	0.53	2.15
SHCU2-6	HCU2DHTH1	HCU No.2 DHT Charge Heater	NO <sub>x</sub>	3.13	9.00
			VOC	0.48	0.97
			SO <sub>2</sub>	3.34	7.98
			CO	3.07	12.33
			PM	0.67	2.68
			PM <sub>10</sub>	0.67	2.68
			PM <sub>2.5</sub>	0.67	2.68
SHCU2-5	SCHCU2-5	HCU No.2 Fractionator Heater	NO <sub>x</sub>	15.59	62.69
			VOC	2.40	4.83
			SO <sub>2</sub>	16.59	39.70
			CO	15.25	61.31
			PM	3.32	13.35

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Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
				lbs/hour	TPY (4)
			PM <sub>10</sub>	3.32	13.35
			PM <sub>2.5</sub>	3.32	13.35
SDCU2-1	SDCU2-1	Coker Heater No.1	NO <sub>x</sub>	9.42	36.58
			VOC	1.45	2.82
			SO <sub>2</sub>	10.02	23.16
			CO	9.21	35.77
			PM	2.00	7.79
			PM <sub>10</sub>	2.00	7.79
			PM <sub>2.5</sub>	2.00	7.79
SDCU2-2	SDCU2-2	Coker Heater No.2	NO <sub>x</sub>	9.42	36.58
			VOC	1.45	2.82
			SO <sub>2</sub>	10.02	23.16
			CO	9.21	35.77
			PM	2.00	7.79
			PM <sub>10</sub>	2.00	7.79
			PM <sub>2.5</sub>	2.00	7.79
SDCU2-3	SDCU2-3	Coker Heater No.3	NO <sub>x</sub>	9.42	36.58
			VOC	1.45	2.82
			SO <sub>2</sub>	10.02	23.16
			CO	9.21	35.77
			PM	2.00	7.79
			PM <sub>10</sub>	2.00	7.79
			PM <sub>2.5</sub>	2.00	7.79
SVPS5-1	VPS5H1/2	VPS No.5, No.1/2 Atmospheric Heater	NO <sub>x</sub>	14.32	9.65
			VOC	2.21	4.63
			SO <sub>2</sub>	15.24	38.02
			CO	14.00	58.72
			PM	3.05	12.78



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Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
				lbs/hour	TPY (4)
			PM <sub>10</sub>	3.05	12.78
			PM <sub>2.5</sub>	3.05	12.78
			Ammonia	1.53	6.42
SVPS5-1	VPS5H3/4	VPS No.5, No.3/4 Atmospheric Heater	NO <sub>x</sub>	14.32	9.65
			VOC	2.21	4.63
			SO <sub>2</sub>	15.24	38.02
			CO	14.00	58.72
			PM	3.05	12.78
			PM <sub>10</sub>	3.05	12.78
			PM <sub>2.5</sub>	3.05	12.78
			Ammonia	1.53	6.42
SVPS5-2	VPS5VAC1HT	VPS No.5, No.1 Vacuum Heater	NO <sub>x</sub>	7.56	5.10
			VOC	1.16	2.44
			SO <sub>2</sub>	8.05	20.09
			CO	7.39	31.02
			PM	1.61	6.75
			PM <sub>10</sub>	1.61	6.75
			PM <sub>2.5</sub>	1.61	6.75
			Ammonia	0.81	3.39
SVPS5-2	VPS5VAC2HT	VPS No.5, No.2 Vacuum Heater	NO <sub>x</sub>	7.56	5.10
			VOC	1.16	2.44
			SO <sub>2</sub>	8.05	20.09
			CO	7.39	31.02
			PM	1.61	6.75
			PM <sub>10</sub>	1.61	6.75
			PM <sub>2.5</sub>	1.61	6.75
			Ammonia	0.81	3.39
SNHTU2-2	NHTU2STRP	Naphtha Hydrotreater Stripper	NO <sub>x</sub>	6.51	17.92

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Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
				lbs/hour	TPY (4)
		Reboiler	VOC	1.00	1.93
			SO <sub>2</sub>	6.93	15.89
			CO	6.37	24.53
			PM	1.39	5.34
			PM <sub>10</sub>	1.39	5.34
			PM <sub>2.5</sub>	1.39	5.34
SNHTU2-3	NHTU2SPLT	Naphtha Hydrotreater Stripper Reboiler	NO <sub>x</sub>	10.40	28.32
			VOC	1.60	3.05
			SO <sub>2</sub>	11.06	25.11
			CO	10.17	38.78
			PM	2.21	8.44
			PM <sub>10</sub>	2.21	8.44
			PM <sub>2.5</sub>	2.21	8.44
STGTU1-2	STGTU1-2	Hot Oil Heater	NO <sub>x</sub>	0.53	1.21
			VOC	0.03	0.07
			SO <sub>2</sub>	0.20	0.29
			CO	0.43	1.00
			PM	0.04	0.09
			PM <sub>10</sub>	0.04	0.09
			PM <sub>2.5</sub>	0.04	0.09
STGTU2-2	STGTU2-2	Hot Oil Heater	NO <sub>x</sub>	3.12	13.67
			VOC	0.17	0.74
			SO <sub>2</sub>	1.16	3.28
			CO	2.57	11.25
			PM	0.23	1.02
			PM <sub>10</sub>	0.23	1.02
			PM <sub>2.5</sub>	0.23	1.02
SCRU5-3	CRU5-CCR	Regen Vent Scrubber Emissions	NO <sub>x</sub>	2.28	10.00

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				lbs/hour	TPY (4)
			SO <sub>2</sub>	1.59	6.96
			PM	0.13	0.59
			PM <sub>10</sub>	0.13	0.59
			PM <sub>2.5</sub>	0.13	0.59
			HCl	0.07	0.30
			Chlorine	0.01	0.06
SSSCRUB	SLD/TK1928	Sulfur Loading	Hydrogen Sulfide	0.16	0.71
POSCEPMN	POSCEPMN	Maintenance Group After CEP (6)	NO <sub>x</sub>	916.82	18.58
			VOC	4660.38	92.09
			SO <sub>2</sub>	725.74	8.14
			CO	2853.60	53.56
			PM	66.98	1.51
			PM <sub>10</sub>	66.98	1.51
			PM <sub>2.5</sub>	66.98	1.51
			Benzene	8.45	0.35
			H <sub>2</sub> SO <sub>4</sub>	8.00	0.32
			Hydrogen Sulfide	96.95	1.16
			Ammonia	13.81	0.43
CGNGRP	CGNGRP	Cogen Unit Group(6)	NO <sub>x</sub>	74.21	272.81
			VOC	18.06	72.06
			SO <sub>2</sub>	78.68	161.45
			CO	117.82	516.03
			PM	101.87	391.33
			PM <sub>10</sub>	101.87	391.33
			PM <sub>2.5</sub>	101.87	391.33
			H <sub>2</sub> SO <sub>4</sub>	32.00	58.69

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				lbs/hour	TPY (4)
			Ammonia	29.83	113.39
TNKGRP	TNKGRP	Tank Group (6)	VOC	70.19	34.71
			Benzene	0.03	0.06
SRUGRP	SRUGRP	SRU Incinerators Group (6)	NOx	29.15	109.56
			VOC	1.87	7.08
			SO <sub>2</sub>	324.90	1351.64
			CO	56.86	236.54
			PM	2.58	9.78
			PM <sub>10</sub>	2.58	9.78
			PM <sub>2.5</sub>	2.58	9.78
SPS-LOV1	GTG41-LOV	Power Station No.4 Lube Oil Vent 1 (5)	PM	0.05	0.22
			PM <sub>10</sub>	0.05	0.22
			PM <sub>2.5</sub>	0.05	0.22
SPS4-1	GTG41	Power Station No.4 Cogen Unit 1	NOx	15.22	62.87
			VOC	4.24	17.49
			SO <sub>2</sub>	16.60	32.48
			CO	27.80	114.81
			PM	26.62	100.65
			PM <sub>10</sub>	26.62	100.65
			PM <sub>2.5</sub>	26.62	100.65
			H <sub>2</sub> SO <sub>4</sub>	9.41	18.40
			Ammonia	7.88	27.88
SPS-LOV2	GTG42-LOV	Power Station No.4 Lube Oil Vent 2 (5)	PM	0.05	0.22
			PM <sub>10</sub>	0.05	0.22
			PM <sub>2.5</sub>	0.05	0.22
SPS4-2	GTG42	Power Station No.4 Cogen Unit 2	NOx	15.22	62.87
			VOC	4.24	17.49
			SO <sub>2</sub>	16.60	32.48

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			CO	27.80	114.81
			PM	26.62	100.65
			PM <sub>10</sub>	26.62	100.65
			PM <sub>2.5</sub>	26.62	100.65
			H <sub>2</sub> SO <sub>4</sub>	9.41	18.40
			Ammonia	7.88	27.88
SPS-LOV3	GTG43-LOV	Power Station No.4 Lube Oil Vent 3 (5)	PM	0.05	0.22
			PM <sub>10</sub>	0.05	0.22
			PM <sub>2.5</sub>	0.05	0.22
SPS4-3	GTG43	Power Station No.4 Cogen Unit 3	NO <sub>x</sub>	15.22	62.87
			VOC	4.24	17.49
			SO <sub>2</sub>	16.60	32.48
			CO	27.80	114.81
			PM	26.62	100.65
			PM <sub>10</sub>	26.62	100.65
			PM <sub>2.5</sub>	26.62	100.65
			H <sub>2</sub> SO <sub>4</sub>	9.41	18.40
			Ammonia	7.88	27.88
SPS-LOV4	GTG44-LOV	Power Station No.4 Lube Oil Vent 4 (5)	PM	0.05	0.22
			PM <sub>10</sub>	0.05	0.22
			PM <sub>2.5</sub>	0.05	0.22
SPS4-4	GTG44	Power Station No.4 Cogen Unit 4	NO <sub>x</sub>	15.22	62.87
			VOC	4.24	17.49
			SO <sub>2</sub>	16.60	32.48
			CO	27.80	114.81
			PM	26.62	100.65
			PM <sub>10</sub>	26.62	100.65
			PM <sub>2.5</sub>	26.62	100.65

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
				lbs/hour	TPY (4)
			H <sub>2</sub> SO <sub>4</sub>	9.41	18.40
			Ammonia	7.88	27.88
SPS4-6	Boiler 46	Power Boiler 46	NO <sub>x</sub>	20.86	39.16
			VOC	3.21	7.04
			SO <sub>2</sub>	22.20	57.86
			CO	20.40	89.36
			PM	4.44	19.45
			PM <sub>10</sub>	4.44	19.45
			PM <sub>2.5</sub>	4.44	19.45
			Ammonia	2.23	9.77
TK2076	TK2076	Storage TK2076 (7)	VOC	-	-
TK2073	TK2073	Storage TK2073	VOC	8.41	0.10
			Benzene	0.01	0.01
TK2074	TK2074	Storage TK2074	VOC	8.41	0.10
			Benzene	0.01	0.01
TK1939	TK1939	Storage TK 1939 (7)	VOC	-	-
TK1938	TK1938	Storage TK 1938 (7)	VOC	-	-
TK1937	TK 1937	Storage TK 1937 (7)	VOC	-	-
TK2120	TK2120	Storage TK 2120 (7)	VOC	-	-
TK2121	TK2121	Storage TK 2121 (7)	VOC	-	-
TK2067	TK2067	Storage TK 2067	VOC	4.56	11.28
			Benzene	0.01	0.01
TK2068	TK2068	Storage TK 2068	VOC	7.11	11.34
			Benzene	0.01	0.01
TK2077	TK2077	Storage TK 2077 (7)	VOC	-	-
TK2075	TK2075	Storage TK 2075 (7)	VOC	-	-
TK2078	TK2078	Storage TK 2078 (7)	VOC	-	-
TK2110	TK2110	DCU Quench Water Tank	VOC	0.02	0.10

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
				lbs/hour	TPY (4)
TK2111	TK2111	Refinery Waste Tank	VOC	0.69	0.18
TK2113	TK2113	Storage TK 2113	VOC	0.07	0.26
TK2115	TK2115	Storage TK 2115	VOC	0.07	0.26
TK1908	TK1908	Storage TK1908	VOC	0.01	0.01
TK2112	TK2112	Storage TK 2112	VOC	0.01	0.01
TK1930	TK1930	Amine Surge Tank 1930	VOC	0.07	0.01
004TK001	004TK001	Storage Tank 004TK	VOC	0.02	0.01
STGTU1-1	STGTU1-1	TGTU No.1 Incinerator	NO <sub>x</sub>	6.00	18.22
			VOC	0.40	1.23
			SO <sub>2</sub>	62.22	236.83
			CO	10.89	41.45
			PM	0.56	1.70
			PM <sub>10</sub>	0.56	1.70
			PM <sub>2.5</sub>	0.56	1.70
STGTU2-1	STGTU2-1	TGTU No.2 Incinerator	NO <sub>x</sub>	7.50	22.78
			VOC	0.40	1.23
			SO <sub>2</sub>	62.22	236.83
			CO	10.89	41.45
			PM	0.56	1.70
			PM <sub>10</sub>	0.56	1.70
			PM <sub>2.5</sub>	0.56	1.70
STGTU5-1	STGTU5-1	SRU5/TGTU5 Incinerator	NO <sub>x</sub>	5.22	22.85
			VOC	0.35	1.54
			SO <sub>2</sub>	71.11	311.47
			CO	12.44	54.51
			PM	0.49	2.13
			PM <sub>10</sub>	0.49	2.13
			PM <sub>2.5</sub>	0.49	2.13

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
				lbs/hour	TPY (4)
STGTU6-1	STGTU6-1	SRU6/TGTU6 Incinerator	NOx	5.22	22.85
			VOC	0.35	1.54
			SO <sub>2</sub>	71.11	311.47
			CO	12.44	54.51
			PM	0.49	2.13
			PM <sub>10</sub>	0.49	2.13
			PM <sub>2.5</sub>	0.49	2.13
STGTU7-1	STGTU7-1	SRU7/TGTU7 Incinerator	NOx	5.22	22.85
			VOC	0.35	1.54
			SO <sub>2</sub>	71.11	311.47
			CO	12.44	54.51
			PM	0.49	2.13
			PM <sub>10</sub>	0.49	2.13
			PM <sub>2.5</sub>	0.49	2.13
FPS1&2	PS 2 FE	Power Station Nos.1 & 2 Fugitive Emissions (5)	VOC	2.20	9.50
FPS3	PS No 3 FE	Power Station No.3 Fugitive Emissions (5)	VOC	2.20	9.50
SPS1-2	Boiler 29	Power Station No.2,Boiler No.9	NOx	227.50	981.30
			VOC	0.60	2.50
			SO <sub>2</sub>	11.00	47.20
			CO	17.30	75.80
			PM	2.10	8.90
			PM <sub>10</sub>	2.10	8.90
			PM <sub>2.5</sub>	2.10	8.90



Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
				lbs/hour	TPY (4)
SPS3-2	Boiler 32	Power Station No.3,Boiler No.2	NOx	210.00	905.80
			VOC	0.50	2.30
			SO <sub>2</sub>	10.10	43.60
			CO	14.90	65.20
			PM	1.90	8.20
			PM <sub>10</sub>	1.90	8.20
			PM <sub>2.5</sub>	1.90	8.20
SPS3-3	Boiler 33	Power Station No.3,Boiler No.3	NOx	210.00	905.80
			VOC	0.50	2.30
			SO <sub>2</sub>	10.10	43.60
			CO	14.90	65.20
			PM	1.90	8.20
			PM <sub>10</sub>	1.90	8.20
			PM <sub>2.5</sub>	1.90	8.20

Emission Sources - Maximum Allowable Emission Rates

Standard Exemption sources incorporated by reference. Sources remain authorized by the Standard Exemption as listed below:					
Standard Exemption No. 6					
Emission Point No. (1)	FIN	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
				Lbs/hour	TPY (4)
WSGP	CWSGP-400A	WSGP Compressor Engine A	NO <sub>x</sub>	14.88	51.66
			CO	1.06	4.63
			PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.13	0.58
			VOC	0.33	1.44
			SO <sub>2</sub>	0.04	0.17
WSGP	CWSGP-400B	WSGP Compressor Engine B	NO <sub>x</sub>	13.32	51.66
			CO	1.06	4.63
			PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.13	0.58
			VOC	0.33	1.44
			SO <sub>2</sub>	0.04	0.17
WSGP	CWSGP-400C	WSGP Compressor Engine C	NO <sub>x</sub>	12.72	51.66
			CO	1.06	4.63
			PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.13	0.58
			VOC	0.33	1.44
			SO <sub>2</sub>	0.04	0.17
WSGP	CWSGP-400A/B/C	WSGP Compressor Engine A/B/C Cap	NO <sub>x</sub>		51.66
			CO		4.63
			PM/PM <sub>10</sub> /PM <sub>2.5</sub>		0.58
			VOC		1.44
			SO <sub>2</sub>		0.17

Emission Sources - Maximum Allowable Emission Rates

- (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 Title 30 Texas Administrative Code § 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, 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  
CO - carbon monoxide
- (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) Refer to Attachment I-Emission Groups for the specific EPNs, Facility Identification Numbers and source names included in each group.
- (7) These tanks are authorized to be routed to the plant's vapor recovery system.

Date: July 5, 2012