#### Permit Number 21356

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.

<b>Emission Point</b>	Source Name (2)	Air Contaminant	Emissi	on Rates
No. (1)		Name (3)	lbs/hour	TPY (4)
T551	IFR Tank T551 (7)	VOC	5.79	21.26
		BZ	2.24	4.70
T552	IFR Tank T552 (7)	VOC	5.79	21.26
		BZ	2.24	4.70
T554	IFR Tank T554 (7)	VOC	5.76	20.94
		BZ	0.22	4.54
T556	IFR Tank T556 (7)	VOC	5.76	20.94
		BZ	2.25	4.54
T580	IFR Tank T580 (7)	VOC	5.76	20.94
		BZ	2.25	4.54
T583	IFR Tank T583 (7)	VOC	5.76	20.94
		BZ	2.25	4.54
T584	IFR Tank T584 (7)	VOC	5.76	20.94
		BZ	2.25	4.54
T585	IFR Tank T585 (7)	VOC	5.76	20.94
		BZ	2.25	4.54
T586	IFR Tank T586 (7)	VOC	5.76	20.94
		BZ	2.25	4.54
T587	IFR Tank T587 (7)	VOC	5.76	20.94
		BZ	0.22	4.54
T588	IFR Tank T588 (7)	VOC	5.76	20.94
		BZ	2.25	4.54
T589	IFR Tank T589 (7)	VOC	5.76	20.94
		BZ	2.25	4.54
T5100	IFR Tank T5100 (7)	VOC	5.76	20.94
		BZ	2.25	4.54
T5101	IFR Tank T5101 (7)	VOC	5.76	20.94

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		BZ	2.25	4.54
T5102	IFR Tank T5102 (7)	VOC	5.76	20.94
		BZ	2.25	4.54
T5103	IFR Tank T5103 (7)	VOC	5.76	20.94
		BZ	2.25	4.54
T5104	IFR Tank T5104 (7)	VOC	5.76	20.94
		BZ	2.25	4.54
T5105	IFR Tank T5105 (7)	VOC	5.76	20.94
		BZ	2.25	4.54
T5106	IFR Tank T5106 (7)	VOC	5.76	20.94
		BZ	2.25	4.54
T5107	IFR Tank T5107 (7)	VOC	5.76	20.94
		BZ	2.25	4.54
T5108	IFR Tank T5108 (7)	VOC	5.76	20.94
		BZ	2.25	4.54
T546	FR Tank T546 (7)	VOC	484.57	95.74
		BZ	0.15	0.04
T590	FR Tank T590 (7)	VOC	33.17	4.74
T591	FR Tank T591 (7)	VOC	33.17	4.74
T592	FR Tank T592 (7)	VOC	33.17	4.74
T593	FR Tank T593 (7)	VOC	33.17	4.74
T595	FR Tank T595 (7)	VOC	33.17	4.74
T596	FR Tank T596 (7)	VOC	33.17	4.74
T597	FR Tank T597 (7)	VOC	33.17	4.74
T598	FR Tank T598 (7)	VOC	33.17	4.74
T599	FR Tank T599 (7)	VOC	33.17	4.74
	Hourly and Annual Tank	VOC	2403.94 (5)	514.85 (5)
	Group 1 Compliance Caps	BZ	29.31 (5)	13.63 (5)
100-26	IFR Tank 100-26	VOC	7.36	8.12
		BZ	0.37	0.22
100-27	IFR Tank 100-27	VOC	7.36	8.12
		BZ	0.37	0.22

100-30	IFR Tank 100-30 (7)	VOC	7.55	7.96
		BZ	0.38	0.26
100-31	IFR Tank 100-31 (7)	VOC	7.55	7.96
		BZ	0.38	0.26
150-1	IFR Tank 150-1 (7)	VOC	6.13	9.40
		BZ	0.31	0.30
150-2	IFR Tank 150-2 (7)	VOC	6.13	9.40
		BZ	0.31	0.30
150-3	IFR Tank 150-3 (7)	VOC	6.13	9.40
		BZ	0.31	0.30
150-4	IFR Tank 150-4 (7)	VOC	6.37	10.06
		BZ	0.32	0.28
150-5	IFR Tank 150-5 (7)	VOC	6.37	10.06
		BZ	0.32	0.28
150-13	IFR Tank 150-13 (7)	VOC	6.43	10.58
		BZ	0.32	0.34
150-14	IFR Tank 150-14 (7)	VOC	6.43	10.58
		BZ	0.32	0.34
150-15	IFR Tank 150-15 (7)	VOC	6.43	10.58
		BZ	0.32	0.34
	Hourly and Annual MSS	VOC	1,959.94	147.92
	Tank Compliance Caps (6)	BZ	8.35	6.56
	Hourly and Annual Tank	VOC (5)	2,028.35	230.11
	Group 2 Compliance Caps (6)	BZ (5)	12.38	8.28
DKFUG	North and South Dock	VOC	0.49	3.56
	Area Piping Fugitives (7)(9)	BZ	0.35	2.84
	(,,(0)	H <sub>2</sub> S	<0.01	<0.01
FUG2	No. 2 Station Piping	VOC	0.22	1.48
	Fugitives (7)(9)	BZ	0.11	0.95
		H <sub>2</sub> S	<0.01	<0.01
FUG3	No. 3 Station Piping	VOC	0.05	0.36

Fugitives (7)(9)

	Γ	BZ	0.01	0.10
FUG4	No. 4 Station Piping	VOC	0.04	0.28
1004	Fugitives (7)(9)	BZ	0.01	0.10
FUG5	No. 5 Station Piping	VOC	0.37	3.18
1000	Fugitives (7)(9)	BZ	0.37	3.18
FUG6	No. 6 Station Piping	VOC	0.05	0.40
1000	Fugitives (7)(9)	BZ	0.05	0.40
FUG7	BC Manifold Piping	VOC	0.04	0.34
1007	Fugitives (7)(9)	BZ	0.01	0.01
FUG8	Clean 44 Junction Piping	VOC	0.16	1.36
F0G6	Fugitives (7)(9)	BZ	0.16	1.36
FUG16	No. 12 Station Dining	VOC	0.16	2.46
FUGIO	No. 13 Station Piping Fugitives (9)	BZ	0.04	0.17
		H <sub>2</sub> S	0.04	0.05
FUG16MSS	No. 12 Station MSS	VOC	15.76	1.11
FUG10M22	No. 13 Station MSS		0.27	0.02
		H₂S		
METERCTAT1	Crudo Oil Motor Station	BZ	0.71	0.05
METERSTAT1	Crude Oil Meter Station Piping Fugitives (7)(9)	VOC	0.12	1.02
	Havely and Appeal	BZ	0.12	1.02
	Hourly and Annual Fugitives Group 1	VOC	1.30 (5)	10.94 (5)
	Compliance Caps	BZ	1.16	0.71
FUG11	No. 8 Station Piping	VOC	0.40	3.54
	Fugitives (7)(9)	BZ	0.01	0.36
FUG13	No. 10 Station Piping	VOC	0.60	5.26
	Fugitives (7)(9)	BZ	0.16	0.54
DKFUG1	North and South Dock	VOC	0.18	1.58
	Loading Arms Expansion Piping Fugitives (7)(9)	BZ	0.12	0.16
		H₂S	<0.01	0.03
	Hourly and Annual	VOC	1.18 (5)	5.19 (5)
	Fugitives Group 2 Compliance Caps	BZ	0.12	0.53
BVESSEL	Uncontrolled Loading Fugitives – Barge Dock B	VOC	7.66	15.46

DK FUG B	DK FUG B Equipment Leak Fugitives  - Barge Dock B (9)	VOC	0.04	0.20
		H₂S	<0.01	<0.01
		BZ	<0.01	<0.01
NDOCKFUG	Uncaptured Loading	VOC	3.64	
	Fugitives – North Dock (7)	BZ	<0.01	
		H₂S	<0.01	
SDOCKFUG	Uncaptured Loading	VOC	3.64	
	Fugitives – South Dock(7)	BZ	<0.01	
		H₂S	<0.01	
NDOCKFUG and	Uncaptured Loading	VOC		1.40 (5)
SDOCKFUG	Fugitives - North Dock and South	BZ		<0.01
	Dock	H₂S		<0.01
NVESSEL1	Uncontrolled Loading, North Dock	VOC	30.64	
SVESSEL1	Uncontrolled Loading, South Dock	VOC	30.64	

NVESSEL1and SVESSEL1	Annual Uncontrolled Loading Group Limit for North Dock and South Dock	VOC		15.46
VC-1	Vapor Combustor 1	VOC	5.29	4.89
		BZ	0.14	0.16
		$NO_x$	10.90	10.07
		СО	12.02	11.11
		PM	0.74	0.68
		PM <sub>10</sub>	0.74	0.68
		PM <sub>2.5</sub>	0.74	0.68
		H <sub>2</sub> S	<0.01	<0.01
		SO <sub>2</sub>	5.64	5.21
VC-2A	Vapor Combustor 2A	VOC	6.62	
		BZ	<0.01	
		$NO_x$	14.90	
		СО	24.79	
		SO <sub>2</sub>	11.74	
		H <sub>2</sub> S	<0.01	
		PM	0.93	
		PM <sub>10</sub>	0.93	
		PM <sub>2.5</sub>	0.93	
VC-2B	Vapor Combustor 2B	VOC	6.62	
		BZ	<0.01	
		NO <sub>x</sub>	14.90	
		СО	24.79	
		SO <sub>2</sub>	11.74	
		H <sub>2</sub> S	<0.01	
		PM	0.93	1
		PM <sub>10</sub>	0.93	
		PM <sub>2.5</sub>	0.93	
VC-2C	Vapor Combustor 2C	VOC	6.62	1
		BZ	<0.01	-

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		$NO_x$	14.90	1
		СО	24.79	
		SO <sub>2</sub>	11.74	
		H <sub>2</sub> S	<0.01	
		PM	0.93	
		PM <sub>10</sub>	0.93	
		PM <sub>2.5</sub>	0.93	
VC-2A, VC-2B, and	Vapor Combustors 2A,	VOC		4.47
VC-2C	2B, and 2C Group Limit	BZ		<0.01
		NO <sub>x</sub>		10.19
		СО		16.85
		SO <sub>2</sub>		8.41
		H₂S		<0.01
		PM		0.64
		PM <sub>10</sub>		0.64
		PM <sub>2.5</sub>		0.64
PORTVC	Portable Vapor	VOC	30.49	
	Combustors for Controlled MSS Operations (8)	$NO_x$	6.08	5.72
		СО	5.48	5.10
		PM	0.34	0.08
		PM <sub>10</sub>	0.34	0.08
		PM <sub>2.5</sub>	0.34	0.08
		H <sub>2</sub> S	0.13	0.02
		SO <sub>2</sub>	0.57	0.81
		BZ	0.14	0.03
DOCK1FUG	Uncaptured Loading	VOC	7.28	
	Fugitives – Dock 1	H <sub>2</sub> S	0.03	
		BZ	0.22	
DOCK2FUG	Uncaptured Loading	VOC	7.28	
	Fugitives – Dock 2	H <sub>2</sub> S	0.03	
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		BZ	0.22	
DOCK1FUG and DOCK2FUG	Uncaptured Loading Fugitives – Docks 1 and 2	VOC		4.91
DOCKZFOG	rugilives - Docks I and 2	H₂S		0.09
		BZ		0.14
DOCK1	Uncontrolled Loading – Dock1	VOC	30.64	
DOCK2	Uncontrolled Loading – Dock2	VOC	30.64	
DOCK1 and DOCK2	Uncontrolled Loading – Dock1 and Dock2	VOC		14.12
Annual Dock I	oading Group Limit	VOC		15.88
		NO <sub>x</sub>		10.19
		СО		16.85
		PM		0.68
		PM <sub>10</sub>		0.68
		PM <sub>2.5</sub>		0.68
		SO <sub>2</sub>		8.41
		H <sub>2</sub> S		0.14
		BZ		0.16
DKFUG2	Equipment Leak Fugitives – Docks 1 & 2 (9)	VOC	0.09	0.39
	- DOCK2 T α Σ (a)	H <sub>2</sub> S	<0.01	<0.01
		BZ	<0.01	0.03
390-1	DEFR Tank 390-1	VOC	6.18	
		H₂S	0.13	
		BZ	0.21	
390-2	DEFR Tank 390-2	VOC	6.18	
		H <sub>2</sub> S	0.13	
		BZ	0.21	

390-3	DEFR Tank 390-3	VOC	6.18	
		H <sub>2</sub> S	0.13	
		BZ	0.21	
390-4	DEFR Tank 390-4	VOC	6.18	
		H <sub>2</sub> S	0.13	
		BZ	0.21	
390-5	DEFR Tank 390-5	VOC	6.18	
		H <sub>2</sub> S	0.13	
		BZ	0.21	
300-7	DEFR Tank 300-7	VOC	6.94	
		H <sub>2</sub> S	0.15	
		BZ	0.23	
250-9	DEFR Tank 250-9	VOC	7.59	
		H₂S	0.16	
		BZ	0.25	
Total Annual DEFR	Tank Group 3 Limit	VOC		12.62
		H₂S		0.21
		BZ		0.40
25-1	IFR Surge Tank 25-1	VOC	9.61	1.43
		H₂S	0.21	0.03
		BZ	0.32	0.05
TK-0002	Refined Products IFR Surge Tank TK-0002	VOC	0.95	0.16
MSS-U	Uncontrolled Other MSS Activity Cap (including uncontrolled tank venting)	voc	588.92	21.54

		H₂S	4.00	0.01
		BZ	4.84	0.02
MSS-C	Non-Tank Controlled MSS Activity Cap (Scrubber, Carbon Absorption, or a Closed Loop Refrigerated Vapor Recovery System)	VOC	15.88	4.64

- (1) Emission point identification either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. 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
  - CO carbon monoxide
  - SO<sub>2</sub> sulfur dioxide
  - CO carbon monoxide
  - 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
  - H<sub>2</sub>S hydrogen sulfide
  - BZ benzene
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Hourly and annual compliance caps for VOC include the respective BZ hourly and annual compliance caps.
- (6) Hourly and Annual MSS Compliance Caps for MSS emissions from all IFR tanks in this permit included in Hourly and Annual Tank Group 2 Compliance Caps.
- (7) Emission sources included in VOC and BZ hourly and annual compliance caps.
- (8) PORTVC annual VOC emissions are included under the Hourly and Annual MSS Tank Compliance Caps (147.92 tpy).
- (9) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Dated: February 28, 2019