Permit Number 122362 and PSDTX1430M1

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.	Source Name (2)	Air Contaminant Name (3)	Emis	sion Rates
(1)			lbs/hour	TPY (4)
T-101	Tank T-101	voc	9.94	5.52
		H ₂ S	0.01	<0.01
T-102	Tank T-102	voc	9.94	5.52
		H ₂ S	0.01	<0.01
T-103	Tank T-103	VOC	9.11	6.54
		H ₂ S	0.01	<0.01
T-104	Tank T-104	VOC	9.94	5.52
		H ₂ S	0.01	<0.01
T-105	Tank T-105	VOC	9.94	5.52
		H ₂ S	0.01	<0.01
T-106	Tank T-106	VOC	9.11	6.54
		H ₂ S	0.01	<0.01
T-107	Tank T-107	VOC	9.94	5.52
		H ₂ S	0.01	<0.01
T-108	Tank T-108	VOC	9.94	5.52
		H ₂ S	0.01	<0.01
T-109	Tank T-109	VOC	9.11	6.54
		H ₂ S	0.01	<0.01
T-110	Tank T-110	VOC	9.11	6.54
		H ₂ S	0.01	<0.01
T-111	Tank T-111	VOC	9.11	6.54
		H ₂ S	0.01	<0.01
T-112	Tank T-112	VOC	9.11	6.54
		H ₂ S	0.01	<0.01

Emission Sources - Maximum Allowable Emission Rates

T-113	Tank T-113	VOC	9.11	6.54
		H ₂ S	0.01	<0.01
T-114	Tank T-114	VOC	9.11	6.54
		H ₂ S	0.01	<0.01
T-115	Tank T-115	VOC	9.11	6.54
		H ₂ S	0.01	<0.01
T-116	Tank T-116	voc	9.11	6.54
		H ₂ S	0.01	<0.01
T-117	Tank T-117	voc	9.11	6.54
		H ₂ S	0.01	<0.01
T-118	Tank T-118	voc	9.11	6.54
		H ₂ S	0.01	<0.01
T-119	Tank T-119	VOC	9.11	6.54
		H ₂ S	0.01	<0.01
T-120	Tank T-120	VOC	9.11	6.54
		H ₂ S	0.01	<0.01
T-121	Tank T-121	VOC	9.11	6.54
		H ₂ S	0.01	<0.01
T- 122	Tank T- 122	VOC	9.91	6.02
		H ₂ S	0.01	<0.01
T- 123	Tank T- 123	voc	9.91	6.02
		H ₂ S	0.01	<0.01
T- 124	Tank T- 124	VOC	9.11	6.54
		H ₂ S	0.01	<0.01
T- 125	Tank T- 125	VOC	9.11	6.54
		H ₂ S	0.01	<0.01
T- 126	Tank T- 126	VOC	8.86	4.00
		H ₂ S	0.01	<0.01

Emission Sources - Maximum Allowable Emission Rates

$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	6.54 <0.01 6.54 <0.01 6.54 <0.01 6.54 <0.01 6.54 <0.01
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	6.54 <0.01 6.54 <0.01 6.54 <0.01
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	<0.01 6.54 <0.01 6.54 <0.01
T-129 Tank T-129 VOC 9.11 H ₂ S 0.01 T-130 Tank T-130 VOC 9.11	6.54 <0.01 6.54 <0.01
H ₂ S 0.01 T-130 Tank T-130 VOC 9.11	<0.01 6.54 <0.01
T-130 Tank T-130 VOC 9.11	6.54
	<0.01
H ₂ S 0.01	
T-131 Tank T-131 VOC 9.11	6.54
H ₂ S 0.01	<0.01
T-132 Tank T-132 VOC 9.11	6.54
H ₂ S 0.01	<0.01
T-133 Tank T-133 VOC 9.11	6.54
H ₂ S 0.01	<0.01
T-134 Tank T-134 VOC 9.11	6.54
H ₂ S 0.01	<0.01
T-135 Tank T-135 VOC 9.11	6.54
H ₂ S 0.01	<0.01
T-136 Tank T-136 VOC 9.11	6.54
H ₂ S 0.01	<0.01
T-137 Tank T-137 VOC 9.11	6.54
H ₂ S 0.01	<0.01
T-138 Tank T-138 VOC 9.11	6.54
H ₂ S 0.01	<0.01
T-139 Tank T-139 VOC 9.11	6.54
H ₂ S 0.01	<0.01
T- 140 Tank T- 140 VOC 9.11	6.54
H ₂ S 0.01	<0.01
T- 141 Tank T- 141 VOC 9.11	6.54
H ₂ S 0.01	<0.01

T-142 Tank T-142 VOC 9.11 6.54 H₂S 0.01 <0.01 T-143 Tank T-143 VOC 9.11 6.54 H₂S 0.01 <0.01 T-144 Tank T-144 VOC 9.11 6.54 H₂S 0.01 <0.01 T-201 Tank T-201 VOC 9.11 6.54 H₂S 0.01 <0.01 T-202 Tank T-202 VOC 2.03 0.52 H₂S <0.01 <0.01 T-202 Tank T-202 VOC 2.03 0.52 H₂S <0.01 <0.01 EMERTK1 Emergency Relief Tank 1		1	I		
T-143	T- 142	T- 142 Tank T- 142	VOC	9.11	6.54
H ₂ S			H ₂ S	0.01	<0.01
T-144 Tank T-144 Tank T-144 Tank T-144 Tank T-144 VOC H₂S CO.01 T-201 Tank T-201 Tank T-201 Tank T-202 Tank T-202 Tank T-202 Tank T-202 Tank T-202 VOC 2.03 0.52 CO.01 CO.01 CO.01 CO.01 CO.01 EMERTK1 Emergency Relief Tank 2 H₂S CO.01 CO.01 CO.01 EMERTK2 Emergency Relief Tank 2 H₂S CO.01 CO.01 TANKCAP Tank Cap VOC 11.36 0.36 H₂S 0.01 CO.01 TANKCAP Tank Cap VOC 11.36 0.36 Tank Cap VOC 11.36 0.36 Tank Cap VOC 11.36 0.36 Tank Cap VOC 11.37 CO.01 CO.01 TANKCAP Tank Cap VOC 11.87 CO.01 COC 11.87 COC 11.87 COC Tank T-202 VOC 11.87 COC Tank T-202 VOC 11.87 COC Tank T-202 VOC Tank T-202 Tank T-202 VOC Tank T-202 Tank T-202 VOC Tank T-202 Tank Tank T-202 Tank T-20 Tank T-202 Tank T-202 Tank Tank T-202 Tank T-200 Tank Tank T-202 Tank Tank Tank Tank Tank Tank Tank Tank	T- 143	Tank T- 143	voc	9.11	6.54
H ₂ S			H ₂ S	0.01	<0.01
T-201 Tank T-201 VOC	T- 144	Tank T- 144	voc	9.11	6.54
H ₂ S C0.01 C0.01 T-202			H ₂ S	0.01	<0.01
T-202 Tank T-202 VOC 2.03 0.52 H₂S <0.01 <0.01 EMERTK1 Emergency Relief Tank 1 EMERTK2 Emergency Relief Tank 2 H₂S 0.01 <0.01 EMERTK2 Emergency Relief Tank 2 H₂S 0.01 <0.01 TANKCAP Tank Cap VOC 11.36 0.36 H₂S 0.01 <0.01 TANKCAP Tank Cap VOC 11.36 0.36 H₂S 0.01 <0.01 TANKCAP Tank Cap VOC 11.36 0.36 H₂S 0.01 <0.01 TANKCAP Tank Cap VOC 11.87 - 0.16 DOCK-2 Uncollected Loading Dock No. 2 H₂S 0.01 - 0.16 DOCK-4 Uncollected Loading Dock No. 4 H₂S 0.01 - 0.16 DOCK-5 Uncollected Loading Dock No. 5 H₂S 0.01 - 0.16 VOC 11.87 - 0.16 H₂S 0.01 - 0.16 VOC 11.87 - 0.16	T-201	Tank T-201	voc	2.03	0.52
H2S			H ₂ S	<0.01	<0.01
EMERTK1 Emergency Relief Tank 1	T-202	Tank T-202	voc	2.03	0.52
Tank 1			H ₂ S	<0.01	<0.01
H ₂ S 0.01 <0.01 EMERTK2	EMERTK1		voc	11.36	0.36
Tank 2 H ₂ S 0.01 COLUMN 193.22 H ₂ S - 0.16 DOCK-2 Uncollected Loading Dock No. 2 H ₂ S 0.01 - 193.22 H ₂ S - 0.16 VOC 11.87 - 0.01 - DOCK-4 Uncollected Loading Dock No. 4 H ₂ S 0.01 - DOCK-5 Uncollected Loading Dock No. 5 H ₂ S 0.01 - DOCK-6 Uncollected Loading Dock No. 5 H ₂ S 0.01 - VOC 11.87 - 0.00 VOC 11.87 - 0.00 H ₂ S 0.01 - VOC 11.87 - 0.00 H ₂ S 0.01 - DOCK CAP Uncollected Dock Emissions Cap H ₂ S - 0.04 VCU-1 Collected and Controlled Marine Loading Loading VOC 10.78 - 0.92 - 0.04		TAIKI	H ₂ S	0.01	<0.01
H ₂ S 0.01 <0.01 TANKCAP	EMERTK2		voc	11.36	0.36
H₂S - 0.16 DOCK-2		Talk 2	H ₂ S	0.01	<0.01
DOCK-2	TANKCAP	Tank Cap	voc	-	193.22
Dock No. 2 H₂S Doll Dock No. 4 H₂S Dock No. 4 H₂S Dock No. 4 H₂S Dock No. 4 H₂S Dock No. 5 Dock No. 5 Dock No. 5 H₂S Dock No. 5 H₂S Dock No. 5 Dock CAP Uncollected Dock Emissions Cap VOC Dock No. 5 H₂S Dock No. 5 Dock CAP Dock CAP Uncollected Dock Emissions Cap VOC Dock No. 5 Dock No			H ₂ S	-	0.16
DOCK-4 Uncollected Loading Dock No. 4 VOC 11.87 -	DOCK-2		voc	11.87	-
Dock No. 4		DOCK NO. 2	H ₂ S	0.01	-
DOCK-5 Uncollected Loading Dock No. 5 VOC 11.87 -	DOCK-4		voc	11.87	-
Dock No. 5		DOCK NO. 4	H ₂ S	0.01	-
DOCK CAP	DOCK-5		voc	11.87	-
Emissions Cap H₂S - 0.04 VCU-1 Collected and Controlled Marine Loading NO₂ CO PM 0.04 - 0.04 - 0.04 - 0.078 - 0.092 - 0.092 - 0.092 - 0.092 - 0.092 - 0.092 - 0.092 - 0.092 - 0.092 - 0.092 - 0.092 - 0.092 - 0.092 - 0.092 - 0.092		DOCK NO. 5	H ₂ S	0.01	-
VCU-1 Collected and Controlled Marine Loading VOC 10.78 - NOx 0.92 - CO 0.39 - PM 0.57 -	DOCK CAP		voc	-	35.54
Controlled Marine Loading		Emissions Cap	H ₂ S	-	0.04
Loading NO _x 0.92 - CO 0.39 - PM 0.57 -	VCU-1		voc	10.78	-
PM 0.57 _			NO _x	0.92	-
			со	0.39	-
PM ₁₀ 0.57 -			РМ	0.57	-
			PM ₁₀	0.57	-

1	I			
		PM _{2.5}	0.57	-
		SO ₂	7.93	-
		H ₂ S	<0.01	-
VCU-2	Collected and Controlled Marine	VOC	10.78	-
	Loading	NO _x	0.92	-
		со	0.39	-
		РМ	0.57	-
		PM ₁₀	0.57	-
		PM _{2.5}	0.57	-
		SO ₂	7.93	-
		H ₂ S	<0.01	-
VCU-3	Collected and Controlled Marine	voc	10.78	-
	Loading	NO _x	0.92	-
		со	0.39	-
		PM	0.57	-
		PM ₁₀	0.57	-
		PM _{2.5}	0.57	-
		SO ₂	7.93	-
		H ₂ S	<0.01	-
VCU-5	Collected and Controlled Marine	voc	10.78	-
	Loading	NO _x	0.92	-
		со	0.39	-
		PM	0.57	-
		PM ₁₀	0.57	-
		PM _{2.5}	0.57	-
		SO ₂	7.93	-
		H₂S	<0.01	-

VCU-6	Collected and	voc	10.78	_
	Controlled Marine		0.92	
	Loading	NO _x		-
		СО	0.39	-
		РМ	0.57	-
		PM ₁₀	0.57	-
		PM _{2.5}	0.57	-
		SO ₂	7.93	-
		H ₂ S	<0.01	-
VCU-7	Collected and Controlled Marine	voc	10.78	-
	Loading	NO _x	0.92	-
		со	0.39	-
		PM	0.57	-
		PM ₁₀	0.57	-
		PM _{2.5}	0.57	-
		SO ₂	7.93	-
		H ₂ S	<0.01	-
VCUCAP	Collected and Controlled Marine	voc	-	36.53
	Loading Annual	NO _x	-	9.06
	Emissions Cap	со	-	4.16
		PM	-	5.12
		PM ₁₀	-	5.12
		PM _{2.5}	-	5.12
		SO ₂	-	63.25
		H ₂ S	-	0.03
TRUCKLOAD	Uncollected Truck	voc	2.91	0.04
	Loading	H ₂ S	<0.01	<0.01

Emission Sources - Maximum Allowable Emission Rates

VCU-4	VCU-4 Controlled Truck Loading / Routine Tank Floating Roof Landing Emissions	VOC	3.51	0.28
		NO _x	2.28	0.46
		со	1.53	0.34
		PM	0.17	0.03
		PM ₁₀	0.17	0.03
		PM _{2.5}	0.17	0.03
		SO ₂	4.90	0.27
		H ₂ S	<0.01	<0.01
PORTVC	Portable VCU for	VOC	1.57	0.46
	Controlled Roof Landings & Degas	NO _x	1.61	1.11
		СО	1.07	0.73
		PM	0.12	0.06
		PM ₁₀	0.12	0.06
		PM _{2.5}	0.12	0.06
		SO ₂	4.33	1.20
		H ₂ S	<0.01	0.01
FUG	Equipment Fugitives	voc	2.16	9.48
	(5)	H ₂ S	<0.01	0.01
MSS-CONT	Equipment MSS Vapors Vented	voc	0.52	0.01
	vapors venteu	NO _x	0.98	0.02
		со	0.66	0.01
		PM	0.07	<0.01
		PM ₁₀	0.07	<0.01
		PM _{2.5}	0.07	<0.01
		SO ₂	0.82	0.02
		H ₂ S	<0.01	<0.01

MSS-CONT	Equipment MSS	VOC	0.31	0.01
	Refilling	NO _x	0.59	0.01
		со	0.39	0.01
		РМ	0.04	<0.01
		PM ₁₀	0.04	<0.01
		PM _{2.5}	0.04	<0.01
		SO ₂	0.49	0.01
		H ₂ S	<0.01	<0.01
MSS-CONT	Air Mover and Vacuum Truck MSS	voc	0.17	0.01
	Vacuum muck Wiss	NO _x	0.31	0.01
		со	0.21	0.01
		РМ	0.02	<0.01
		PM ₁₀	0.02	<0.01
		PM _{2.5}	0.02	<0.01
		SO ₂	0.26	0.01
		H ₂ S	<0.01	<0.01
MSS-CONT	Frac Tank Emissions	voc	0.20	0.03
		NO _x	0.38	0.06
		со	0.25	0.04
		РМ	0.03	<0.01
		PM ₁₀	0.03	<0.01
		PM _{2.5}	0.03	<0.01
		SO ₂	0.32	0.06
		H ₂ S	<0.01	<0.01

Emission Sources - Maximum Allowable Emission Rates

MSS-CONT	Pilot Emissions	voc	<0.01	0.01
		NO _x	0.04	0.17
		СО	0.02	0.10
		РМ	<0.01	0.01
		PM ₁₀	<0.01	0.01
		PM _{2.5}	<0.01	0.01
		SO ₂	<0.01	<0.01
MSS-CONT	Controlled MSS Cap	voc	-	0.07
		NO _x	-	0.27
		со	-	0.17
		РМ	-	0.02
		PM ₁₀	-	0.02
		PM _{2.5}	-	0.02
		SO ₂	-	0.10
		H ₂ S	-	<0.01
MSS-ATM	Equipment MSS Vapors Vented	voc	102.11	1.09
	vapors venteu	H ₂ S	0.09	<0.01
MSS-ATM	Equipment Draining	voc	20.12	0.30
		H ₂ S	0.02	<0.01
MSS-ATM	Equip Vapor Space Emission (to Atm	voc	8.94	0.18
	Post Control)	H ₂ S	0.01	<0.01
MSS-ATM	Equipment MSS Refilling	voc	61.27	0.66
	rteiming	H ₂ S	0.05	<0.01
MSS-ATM	Uncontrolled Venting from Storage Tank	voc	257.41	5.45
	Degassing	H₂S	0.27	<0.01
MSS-ATM	Misc Inherently Low Emitting Maint	voc	21.36	0.21
	Activities	H₂S	0.02	<0.01
MSS-ATM	Uncontrolled MSS Emission Cap	voc	471.20	7.90
	Emission Jup	H₂S	0.45	<0.01

	MSS Abrasive Blasting	РМ	4.29	4.86
	Diasting	PM ₁₀	0.51	0.58
		PM _{2.5}	0.08	0.09
HOPPER	MSS Hopper Loading	РМ	0.14	0.01
		PM ₁₀	0.08	0.01
		PM _{2.5}	0.01	0.01
BLASTLOAD	MSS Blast Pot Loading	РМ	0.09	0.01
	Loading	PM ₁₀	0.03	0.01
		PM _{2.5}	0.01	0.01
ROLLOFF	MSS Roll-off Box	РМ	0.09	0.01
	Loading	PM ₁₀	0.03	0.01
		PM _{2.5}	0.01	0.01

- (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_x - total oxides of nitrogen

SO₂ - sulfur dioxide

PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented

PM₁₀ - 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

CO - carbon monoxide H₂S - hydrogen sulfide

- (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:	November 30.	2020