Permit Number 118901 and PSDTX1408

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) | Emission | Rates |
|--------------------|-----------------|--------------------------|----------|---------|
| (1) | | | lbs/hour | TPY (4) |
| T-2000 | Tank T-2000 (6) | voc | 13.82 | - |
| | | H ₂ S | < 0.01 | - |
| T-2001 | Tank T-2001 (6) | voc | 13.82 | - |
| | | H ₂ S | < 0.01 | - |
| T-2002 | Tank T-2002 (6) | VOC | 24.53 | - |
| | | H ₂ S | < 0.01 | - |
| T-2100 | Tank T-2100 (6) | VOC | 13.82 | - |
| | | H ₂ S | < 0.01 | - |
| T-2101 | Tank T-2101 (6) | voc | 13.82 | - |
| | | H ₂ S | < 0.01 | - |
| T-2102 | Tank T-2102 (6) | voc | 13.82 | - |
| | | H ₂ S | < 0.01 | - |
| T-2209 | Tank T-2209 (6) | voc | 14.18 | - |
| | | H ₂ S | < 0.01 | - |
| T-2210 | Tank T-2210 (6) | voc | 11.78 | - |
| | | H ₂ S | < 0.01 | - |
| T-2211 | Tank T-2211 (6) | VOC | 11.78 | - |
| | | H ₂ S | < 0.01 | - |
| T-2212 | Tank T-2212 (6) | voc | 11.78 | - |
| | | H ₂ S | < 0.01 | - |
| T-2300 | Tank T-2300 (6) | voc | 9.02 | - |
| | | H ₂ S | < 0.01 | - |
| T-2301 | Tank T-2301 (6) | voc | 9.72 | - |
| | | H ₂ S | < 0.01 | - |

| T-2302 | Tank T-2302 (6) | VOC | 13.20 | - |
|---------|------------------|------------------|--------|---|
| | | H ₂ S | < 0.01 | - |
| T-2303 | Tank T-2303 (6) | VOC | 13.20 | - |
| | | H ₂ S | < 0.01 | - |
| T-2304 | Tank T-2304 (6) | voc | 12.16 | - |
| | | H ₂ S | < 0.01 | - |
| T-33400 | Tank T-33400 (6) | voc | 13.57 | - |
| | | H ₂ S | < 0.01 | - |
| T-33500 | Tank T-33500 (6) | VOC | 13.57 | - |
| | | H ₂ S | < 0.01 | - |
| T-2305 | Tank T-2305 (6) | voc | 9.95 | - |
| | | H ₂ S | < 0.01 | - |
| T-2306 | Tank T-2306 (6) | voc | 9.95 | - |
| | | H ₂ S | < 0.01 | - |
| T-2307 | Tank T-2307 (6) | voc | 9.95 | - |
| | | H ₂ S | < 0.01 | - |
| T-2401 | Tank T-2401 (6) | voc | 9.95 | - |
| | | H ₂ S | < 0.01 | - |
| T-2402 | Tank T-2402 (6) | voc | 12.16 | - |
| | | H ₂ S | < 0.01 | - |
| T-2103 | Tank T-2103 (6) | VOC | 13.58 | - |
| | | H ₂ S | < 0.01 | - |
| T-2104 | Tank T-2104 (6) | VOC | 13.58 | - |
| | | H ₂ S | < 0.01 | - |
| T-2105 | Tank T-2105 (6) | VOC | 13.58 | - |
| | | H ₂ S | < 0.01 | - |
| T-2106 | Tank T-2106 (6) | VOC | 13.58 | - |
| | | H ₂ S | < 0.01 | - |
| T-2213 | Tank T-2213 (6) | VOC | 12.31 | - |

| i | i | | | |
|----------|--------------------------------|-------------------|--------|--------|
| | | H₂S | < 0.01 | - |
| T-2214 | Tank T-2214 (6) | VOC | 12.31 | - |
| | | H ₂ S | < 0.01 | - |
| TKCAP | TANK CAP | voc | - | 107.03 |
| | | H ₂ S | - | 0.02 |
| FXHO1 | Hot Oil Tank 1 | voc | <0.01 | <0.01 |
| T-COMB-1 | Temporary Combustion Unit 1 | voc | 2.00 | - |
| | (7) | NO _X | 3.00 | - |
| | | со | 4.00 | - |
| | | H ₂ S | 0.01 | - |
| | | SO ₂ | 1.21 | - |
| | | РМ | 0.15 | - |
| | | PM ₁₀ | 0.15 | - |
| | | PM _{2.5} | 0.15 | - |
| T-COMB-2 | Temporary Combustion Unit 2 | voc | 2.00 | - |
| | (7) | NO _X | 3.00 | - |
| | | СО | 4.00 | - |
| | | H ₂ S | 0.01 | - |
| | | SO ₂ | 1.21 | - |
| | | РМ | 0.15 | - |
| | | PM ₁₀ | 0.15 | - |
| | | PM _{2.5} | 0.15 | - |

| T-COMB-3 | Temporary | voc | 2.00 | - |
|----------|--------------------------------|-------------------|------|---|
| | Combustion Unit 3 | | | |
| | (7) | NO _X | 3.00 | - |
| | | СО | 4.00 | - |
| | | H ₂ S | 0.01 | - |
| | | SO ₂ | 1.21 | - |
| | | РМ | 0.15 | - |
| | | PM ₁₀ | 0.15 | - |
| | | PM _{2.5} | 0.15 | - |
| T-COMB-4 | Temporary Combustion Unit 4 | voc | 2.00 | - |
| | (7) | NO _X | 3.00 | - |
| | | СО | 4.00 | - |
| | | H ₂ S | 0.01 | - |
| | | SO ₂ | 1.21 | - |
| | | РМ | 0.15 | - |
| | | PM ₁₀ | 0.15 | - |
| | | PM _{2.5} | 0.15 | - |
| T-COMB-5 | Temporary Combustion Unit 5 | VOC | 2.00 | - |
| | (7) | NO _X | 3.00 | - |
| | | СО | 4.00 | - |
| | | H ₂ S | 0.01 | - |
| | | SO ₂ | 1.21 | - |
| | | PM | 0.15 | - |
| | | PM ₁₀ | 0.15 | - |
| | | PM _{2.5} | 0.15 | - |

| T-COMB CAP | Temporary Combustion Unit | VOC | - | 3.26 |
|----------------------|---------------------------------|-------------------|--------|--------|
| | Cap | NO _X | - | 31.14 |
| | | СО | - | 41.52 |
| | | H ₂ S | - | 0.01 |
| | | SO ₂ | - | 1.48 |
| | | РМ | - | 1.55 |
| | | PM ₁₀ | - | 1.55 |
| | | PM _{2.5} | - | 1.55 |
| RTLANDFUG | Routine Tank Landings | voc | 230.0 | 2.36 |
| | Landings | H ₂ S | < 0.01 | < 0.01 |
| TRKFUG | Truck Loading Fugitives | voc | 2.66 | 0.39 |
| RAILFUG | Railcar Loading Fugitives | VOC | 21.15 | - |
| | rugilives | H ₂ S | < 0.01 | - |
| DOCKFUG | Dock Loading Fugitives | voc | 132.19 | - |
| | T ugitives | H ₂ S | < 0.01 | - |
| RAILFUG & DOCKFUG | Loading Emissions Cap | voc | - | 38.14 |
| DOCKI OO | Cap | H ₂ S | - | 0.01 |
| TRKFLR | Controlled Truck Loading VCU | voc | 1.68 | 0.08 |
| | Loading VCO | NO _X | 4.80 | 2.29 |
| | | СО | 12.01 | 5.42 |
| | | SO ₂ | 0.01 | <0.01 |
| | | РМ | 0.13 | 0.04 |
| | | PM ₁₀ | 0.13 | 0.04 |
| | | PM _{2.5} | 0.13 | 0.04 |

| MVCU-1 | Controlled Marine | VOC | 14.40 | - |
|--------|--|-------------------|-------|---|
| | Loading VCU No. 1 (8) | NO _x | 21.60 | - |
| | | СО | 39.67 | - |
| | | H ₂ S | 0.05 | - |
| | | SO ₂ | 8.74 | - |
| | | PM | 1.07 | - |
| | | PM ₁₀ | 1.07 | - |
| | | PM _{2.5} | 1.07 | - |
| MVCU-2 | Controlled Marine Loading VCU No. 2 | voc | 14.40 | - |
| | (8) | NO _X | 21.60 | - |
| | | СО | 39.67 | - |
| | | H ₂ S | 0.05 | - |
| | | SO ₂ | 8.74 | - |
| | | РМ | 1.07 | - |
| | | PM ₁₀ | 1.07 | - |
| | | PM _{2.5} | 1.07 | - |
| MVCU-3 | Controlled Marine Loading VCU No. 3 | VOC | 14.40 | - |
| | (8) | NO _x | 21.60 | - |
| | | СО | 39.67 | - |
| | | H ₂ S | 0.05 | - |
| | | SO ₂ | 8.74 | - |
| | | РМ | 1.07 | - |
| | | PM ₁₀ | 1.07 | - |
| | | PM _{2.5} | 1.07 | - |

| MVCU-4 | Controlled Marine | VOC | 14.40 | - |
|---------|--|-------------------|-------|---|
| | Loading VCU No. 4 (8) | NO _X | 21.60 | - |
| | | СО | 39.67 | - |
| | | H ₂ S | 0.05 | - |
| | | SO ₂ | 8.74 | - |
| | | РМ | 1.07 | - |
| | | PM ₁₀ | 1.07 | - |
| | | PM _{2.5} | 1.07 | - |
| MVCU-5 | Controlled Marine Loading VCU No. 5 | VOC | 14.40 | - |
| | (8) | NO _X | 21.60 | - |
| | | СО | 39.67 | - |
| | | H ₂ S | 0.05 | - |
| | | SO ₂ | 8.74 | - |
| | | РМ | 1.07 | - |
| | | PM ₁₀ | 1.07 | - |
| | | PM _{2.5} | 1.07 | - |
| RAILVCU | Controlled Railcar Loading VCU (8) | VOC | 14.40 | - |
| | Lodding 100 (b) | NO _X | 21.60 | - |
| | | СО | 39.67 | - |
| | | H ₂ S | 0.05 | - |
| | | SO ₂ | 8.74 | - |
| | | РМ | 1.07 | - |
| | | PM ₁₀ | 1.07 | - |
| | | PM _{2.5} | 1.07 | - |

| MVCU-1, MVCU-2, MVCU-3, MVCU-4, | Controlled Loading Annual Emissions | voc | - | 68.38 |
|------------------------------------|--|-------------------|------|--------|
| MVCU-5, & RAILVCU | Cap | NO _X | - | 126.43 |
| | | со | - | 232.22 |
| | | H ₂ S | - | 0.39 |
| | | SO ₂ | - | 73.14 |
| | | РМ | - | 6.28 |
| | | PM ₁₀ | - | 6.28 |
| | | PM _{2.5} | - | 6.28 |
| 1-A | Boiler 1 (9) | voc | 0.52 | - |
| | | NO _X | 2.40 | - |
| | | со | 3.55 | - |
| | | SO ₂ | 0.06 | - |
| | | РМ | 0.72 | - |
| | | PM ₁₀ | 0.72 | - |
| | | PM _{2.5} | 0.72 | - |
| 1-B | Boiler 2 (9) | voc | 0.52 | - |
| | | NO _X | 2.40 | - |
| | | со | 3.55 | - |
| | | SO ₂ | 0.06 | - |
| | | РМ | 0.72 | - |
| | | PM ₁₀ | 0.72 | - |
| | | PM _{2.5} | 0.72 | - |

| 1-C | Boiler 3 (9) | VOC | 0.52 | - |
|-----------|-------------------|-------------------|------|-------|
| | | NO _X | 2.40 | - |
| | | СО | 3.55 | - |
| | | SO ₂ | 0.06 | - |
| | | РМ | 0.72 | - |
| | | PM ₁₀ | 0.72 | - |
| | | PM _{2.5} | 0.72 | - |
| BOILERCAP | Boiler 1A to 1C | voc | - | 4.93 |
| | Emission Caps | NO _X | - | 10.06 |
| | | со | - | 33.79 |
| | | SO ₂ | - | 0.54 |
| | | PM | - | 6.81 |
| | | PM ₁₀ | - | 6.81 |
| | | PM _{2.5} | - | 6.81 |
| HTR1 | Hot Oil Heater | VOC | 0.22 | 0.94 |
| | | NO _X | 1.40 | 6.13 |
| | | СО | 1.48 | 6.48 |
| | | SO ₂ | 0.02 | 0.10 |
| | | РМ | 0.30 | 1.31 |
| | | PM ₁₀ | 0.30 | 1.31 |
| | | PM _{2.5} | 0.30 | 1.31 |
| 2A | Small Boiler | VOC | 0.07 | 0.31 |
| | | NO _X | 0.33 | 0.64 |
| | | СО | 0.49 | 2.14 |
| | | SO ₂ | 0.01 | 0.03 |
| | | РМ | 0.10 | 0.43 |
| | | PM ₁₀ | 0.10 | 0.43 |
| | | PM _{2.5} | 0.10 | 0.43 |
| FWP1 | Fire Water Pump 1 | voc | 2.02 | 0.10 |

Emission Sources - Maximum Allowable Emission Rates

| I | I | | | |
|------|-------------------|-------------------|--------|--------|
| | | NO _X | 2.02 | 0.10 |
| | | СО | 2.04 | 0.10 |
| | | SO ₂ | 0.63 | 0.03 |
| | | РМ | 0.10 | 0.01 |
| | | PM ₁₀ | 0.10 | 0.10 |
| | | PM _{2.5} | 0.10 | 0.10 |
| FWP2 | Fire Water Pump 2 | voc | 2.02 | 0.10 |
| | | NO _X | 2.02 | 0.10 |
| | | СО | 2.04 | 0.10 |
| | | SO ₂ | 0.63 | 0.03 |
| | | РМ | 0.10 | 0.01 |
| | | PM ₁₀ | 0.10 | 0.10 |
| | | PM _{2.5} | 0.10 | 0.10 |
| FWP3 | Fire Water Pump 3 | voc | 2.02 | 0.10 |
| | | NO _X | 2.02 | 0.10 |
| | | СО | 2.04 | 0.10 |
| | | SO ₂ | 0.63 | 0.03 |
| | | РМ | 0.10 | 0.01 |
| | | PM ₁₀ | 0.10 | 0.10 |
| | | PM _{2.5} | 0.10 | 0.10 |
| FWP4 | Fire Water Pump 4 | voc | 2.02 | 0.10 |
| | | NO _X | 2.02 | 0.10 |
| | | СО | 2.04 | 0.10 |
| | | SO ₂ | 0.63 | 0.03 |
| | | PM | 0.10 | 0.01 |
| | | PM ₁₀ | 0.10 | 0.10 |
| | | PM _{2.5} | 0.10 | 0.10 |
| FUG | Fugitives | voc | 4.99 | 24.41 |
| | | H ₂ S | < 0.01 | < 0.01 |

| MSS-U | MSS Emissions Cap – Uncontrolled | VOC | 657.76 | 5.90 |
|-------|-----------------------------------|-------------------|--------|--------|
| | oncontrolled | H ₂ S | 0.29 | < 0.01 |
| MSS-C | MSS Emissions Cap - Controlled | voc | 3.29 | 0.84 |
| | Controlled | NO _X | 5.54 | 13.88 |
| | | со | 7.38 | 18.50 |
| | | H ₂ S | 0.01 | < 0.01 |
| | | SO ₂ | 1.47 | 1.23 |
| | | РМ | 0.28 | 0.69 |
| | | PM ₁₀ | 0.28 | 0.69 |
| | | PM _{2.5} | 0.28 | 0.69 |

(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 H_2S - hydrogen sulfide SO_2 - 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

- (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) All tanks are subject to annual emission rate limits identified in EPN TANKCAP.
- (7) All temporary combustion units are subject to annual emission rate limits identified in T-COMB CAP.
- (8) All marine loading and railcar vapor combustion units are subject to annual emission rate limits identified in EPN "MVCU-1, VCU-2, MVCU-3, MVCU-4, MVCU-5, & RAILVCU".
- (9) Boilers 1A through 1-C are subject to annual emission rate limits identified in EPN BOILERCAP.

| Date: | September 27, 2019 | |
|-------|--------------------|--|
| Daic. | SCHICHING Z1, ZUIS | |