EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 19566, PSD-TX-768M1, and PSD-TX-932

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.

| | | AIR CONTAMINANTS DATA | | |
|---|---|---|---|---|
| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | TPY** |
| Sulfur Recovery Unit | | | | |
| 32STK_001 | SRU 2/3 Thermal Oxidizer | CO | 28.90 | 126.60 |
| | | $H_2S$ | 0.71 | 2.96 |
| | | $NO_x$ | 13.50 | 47.30 |
| | | $PM_{10}$ | 0.90 | 3.15 |
| | | $SO_2$ | 128.00 | 403.52 |
| | | VOC | 0.70 | 2.28 |
| 32VNT_002 | SRU 2/3 No. 2 Vent (5) | CO | 36.80 | |
| | | COS | 7.70 | |
| | | $CS_2$ | 0.80 | |
| | | $H_2S$ | 1.05 | |
| | | $PM_{10}$ | 0.10 | |
| | | $SO_2$ | 0.10 | |
| 32VNT_003 | SRU 2/3 No. 3 Vent (5) | CO | 36.80 | |
| | | COS | 7.70 | |
| | | $CS_2$ | 0.80 | |
| | | $H_2S$ | 1.05 | |
| | | $PM_{10}$ | 0.10 | |
| | | $SO_2$ | 0.10 | |
| 32VNT_002 and 32VNT_003 | SRU 2/3 No. 2 Vent and SRU 2/3 No. 3 Vent (5) | CO | 10.68 | |
| | | COS | 1.79 | |
| | | $CS_2$ | 0.13 | |
| | | $H_2S$ | 0.38 | |
| | | $PM_{10}$ | 0.02 | |
| | | $SO_2$ | 0.02 | |

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | TPY** |
|---|---|---|---|---|
| 30VNT_003 | SRU 1 Sulfur Pit (5) | $H_2S$ | 0.04 | 0.01 |
| | | $SO_2$ | 1.67 | 0.28 |
| 32VNT_005 | SRU 2/3 Sulfur Truck Loading (5) | $H_2S$ | 0.06 | 0.26 |
| | | $SO_2$ | 1.29 | 0.11 |
| 32FUG_001 | SRU 2/3 Fugitives (4) | $H_2S$ | 0.25 | 1.10 |
| | | $NH_3$ | 0.01 | 0.04 |
| | | $SO_2$ | 0.05 | 0.21 |
| | | VOC | 1.17 | 5.12 |
| 30FUG_001 | SRU 1 Fugitives (4) | $H_2S$ | 1.71 | 7.51 |
| | | $SO_2$ | 1.79 | 7.82 |
| Crude Unit B | | | | |
| 05STK_001 | Crude B Atm. Heater H-3101 Stack | CO | 58.16 | 86.15 |
| | | $NO_x$ | 94.32 | 344.27 |
| | | $PM_{10}$ | 4.72 | 17.50 |
| | | $SO_2$ | 22.01 | 40.16 |
| | | VOC | 1.10 | 4.02 |
| 05STK_002 | Crude B Vacuum Heater H-3102 Stack | CO | 11.01 | 28.20 |
| | | $NO_x$ | 17.90 | 62.50 |
| | | $PM_{10}$ | 0.80 | 2.70 |
| | | $SO_2$ | 4.00 | 13.90 |
| | | VOC | 0.40 | 1.50 |
| 05STK_004 | Crude B Heater H-2001 Stack | CO | 8.80 | 6.60 |
| | | $NO_x$ | 14.40 | 50.60 |
| | | $PM_{10}$ | 0.60 | 2.20 |
| | | $SO_2$ | 3.20 | 11.20 |
| | | VOC | 0.40 | 1.20 |

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | TPY** |
|---|---|---|---|---|
| 05FUG_001 | Crude B Fugitives (4) | $H_2S$ | 0.01 | 0.01 |
| | | VOC | 4.94 | 21.50 |
| Hydrocracker | | | | |
| 20STK_001 | HDC First Stage West Furnace H-3301 Stack | CO | 0.11 | 0.36 |
| | | $NO_x$ | 1.36 | 4.38 |
| | | $PM_{10}$ | 0.18 | 0.59 |
| | | $SO_2$ | 0.99 | 1.53 |
| | | VOC | 0.09 | 0.30 |
| 20STK_002 | HDC First Stage East Furnace H-3302 Stack | CO | 0.40 | 1.60 |
| | | $NO_x$ | 3.00 | 12.10 |
| | | $PM_{10}$ | 0.13 | 0.50 |
| | | $SO_2$ | 0.73 | 1.41 |
| | | VOC | 0.08 | 0.30 |
| 20STK_003 | HDC Second Stage Furnace H-3303 Stack | CO | 0.40 | 1.60 |
| | | $NO_x$ | 3.00 | 12.10 |
| | | $PM_{10}$ | 0.13 | 0.50 |
| | | $SO_2$ | 0.73 | 1.41 |
| | | VOC | 0.08 | 0.30 |
| 20STK_004 | HDC Stabilizer Reboiler Heater H-3304 Stack | CO | 4.61 | 19.56 |
| | | $NO_x$ | 11.76 | 49.93 |
| | | $PM_{10}$ | 1.18 | 4.99 |
| | | $SO_2$ | 5.68 | 11.65 |
| | | VOC | 0.55 | 2.33 |
| 20STK_005 | HDC Splitter Reboiler H-3305 Stack | CO | 2.65 | 2.94 |
| | | $NO_x$ | 8.02 | 19.15 |
| | | $PM_{10}$ | 0.71 | 2.05 |
| | | $SO_2$ | 3.24 | 4.58 |
| | | VOC | 0.30 | 0.86 |
| 20CTL_005 | Cooling Tower No. 5 | VOC | 1.51 | 6.62 |

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | TPY** |
|---|---|---|---|---|
| 20FUG_001 | HDC Fugitives (4) | $H_2S$ | 0.01 | 0.05 |
| | | $NH_3$ | 0.01 | 0.02 |
| | | VOC | 1.78 | 7.81 |
| Pretreater No. 4 | | | | |
| 28STK_001 | PTR 4 Rx Charge Heater B-7001 (Common Stack with B-7002) | CO | 7.40 | 25.93 |
| | | $NO_x$ | 12.00 | 42.05 |
| | | $PM_{10}$ | 0.50 | 1.75 |
| | | $SO_2$ | 2.80 | 4.91 |
| | | VOC | 0.30 | 1.02 |
| 28STK_001 | PTR 4 Depen. Reboiler Heater B-7002 (Common Stack with B-7001) | CO | 8.07 | 34.36 |
| | | $NO_x$ | 13.08 | 55.45 |
| | | $PM_{10}$ | 0.58 | 2.47 |
| | | $SO_2$ | 2.98 | 6.45 |
| | | VOC | 0.30 | 1.39 |
| Reformer No. 4 | | | | |
| 28STK_003 | PTR 4 Reformer Heater B-7101-4 (Common Stack with B-7201) | CO | 13.84 | 42.91 |
| | | $NO_x$ | 105.16 | 326.14 |
| | | $PM_{10}$ | 8.76 | 27.16 |
| | | $SO_2$ | 23.35 | 36.12 |
| | | VOC | 1.25 | 4.07 |
| 28STK_003 | PTR 4 Debut Reboiler B-7201 (Common Stack with B-7101-4) | CO | 0.70 | 2.30 |
| | | $NO_x$ | 4.90 | 17.30 |
| | | $PM_{10}$ | 0.20 | 0.80 |
| | | $SO_2$ | 1.10 | 3.80 |
| | | VOC | 0.10 | 0.40 |
| 28VNT_001 | PTR 4 Reactor Regeneration Vent | $Cl_2$ | 0.40 | 1.90 |
| | | CO | 1.49 | 6.52 |
| | | HCl | 0.03 | 0.10 |
| | | $NO_x$ | 2.08 | 9.11 |

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | TPY** |
|---|---|---|---|---|
| | | $PM_{10}$ | 0.01 | 0.05 |
| | | $SO_2$ | 0.10 | 0.40 |
| 28FUG_001 | PTR 4 Fugitives (4) (includes Pretreater) | $Cl_2$ | 0.10 | 0.44 |
| | | VOC | 14.04 | 61.51 |
| Coker | | | | |
| 04STK_004 | Coker Far West Furnace | CO | 9.27 | 26.64 |
| | | $NO_x$ | 13.50 | 38.79 |
| | | $PM_{10}$ | 0.84 | 2.42 |
| | | $SO_2$ | 3.33 | 9.57 |
| | | VOC | 0.61 | 1.75 |
| 04FUG_001 | Coker Fugitives (4) | VOC | 4.62 | 20.34 |
| Amine Regeneration Unit | | | | |
| 18FUG_001 | DEA 3 Fugitives (4) | $H_2S$ | 0.17 | 0.75 |
| | | $NH_3$ | 0.01 | 0.01 |
| | | VOC | 0.17 | 0.76 |
| 18SMP_4118 | Spent Amine Sump 4118 | VOC | 0.01 | 0.01 |
| Sour Water Stripper Unit | | | | |
| 29FUG_001 | SWS Fugitives (4) | $H_2S$ | 0.01 | 0.01 |
| | | $NH_3$ | 0.01 | 0.01 |
| | | VOC | 0.05 | 0.23 |
| Storage Tanks | | | | |
| 49TFX_0721 | OMCC 1 Fixed-Roof Tank 721 | VOC | 7.16 | 12.03 |

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | TPY** |
|---|---|---|---|---|
| 49TIF_0782 | OMCC 1 Int. Floating Roof Tank 782 | VOC | 2.68 | 10.61 |
| 48TEF_1150 | Ethyl Ext. Floating Roof Tank 1150 | VOC | 4.09 | 15.14 |
| 48TEF_1151 | Ethyl Ext. Floating Roof Tank 1151 | VOC | 4.09 | 15.11 |
| 48TEF_1158 | Ethyl Ext. Floating Roof Tank 1158 | VOC | 2.42 | 7.86 |
| 48TEF_1165 | Ethyl Ext. Floating Roof Tank 1165 | VOC | 2.20 | 9.16 |
| 48TEF_1212 | Ethyl Ext. Floating Roof Tank 1212 | VOC | 2.52 | 8.56 |
| 48TEF_1213 | Ethyl Ext. Floating Roof Tank 1213 | VOC | 2.44 | 8.24 |
| 49TEF_1215 | OMCC1 Ext. Floating Roof Tank 1215 | VOC | 3.01 | 12.94 |
| 48TEF_1251 | Ethyl Ext. Floating Roof Tank 1251 | VOC | 2.67 | 8.30 |
| 48TEF_1300 | Lube Plant Ext. Floating Roof Tank 1300 | VOC | 2.67 | 8.48 |
| 49TEF_1314 | OMCC 1 Ext. Floating Roof Tank 1314 | VOC | 2.20 | 9.11 |
| 49TEF_1320 | OMCC 1 Ext. Floating Roof Tank 1320 | VOC | 2.93 | 9.38 |
| 48TEF_1324 | Ethyl Ext. Floating Roof | VOC | 2.86 | 10.78 |

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | TPY** |
|---|---|---|---|---|
| | Tank 1324 | | | |
| 48TEF_1325 | Ethyl Ext. Floating Roof Tank 1325 | VOC | 1.76 | 7.37 |
| 48TEF_1329 | Ethyl Ext. Floating Roof Tank 1329 | VOC | 3.46 | 9.73 |
| 19TEF_1323 | Dualayer Ext. Floating Roof Tank 1323 | VOC | 0.46 | 1.59 |
| 19TEF_1332 | Dualayer Ext. Floating Roof Tank 1332 | VOC | 0.50 | 1.72 |
| 48TEF_1334 | Ethyl Ext. Floating Roof Tank 1334 | VOC | 2.44 | 7.73 |
| 49TEF_1335 | OMCC1 Ext. Floating Roof Tank 1335 | VOC | 2.37 | 9.07 |
| 48TEF_1338 | Ethyl Ext. Floating Roof Tank 1338 | VOC | 2.43 | 7.73 |
| 48TEF_1350 | Ethyl Ext. Floating Roof Tank 1350 | VOC | 2.50 | 7.65 |
| 48TEF_1361 | Ethyl Ext. Floating Roof Tank 1361 | VOC | 1.09 | 4.78 |
| 48TEF_1362 | Ethyl Ext. Floating Roof Tank 1362 | VOC | 3.45 | 13.93 |
| 48TEF_1389 | Ethyl Ext. Floating Roof Tank 1389 | VOC | 3.24 | 11.72 |

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | TPY** |
|---|---|---|---|---|
| 48TEF_1390 | Ethyl Ext. Floating Roof Tank 1390 | VOC | 3.14 | 11.28 |
| 50TEF_2119 | OMCC 2 Ext. Floating Roof Tank 2119 | VOC | 4.54 | 6.91 |
| 50TEF_2209 | OMCC 2 Ext. Floating Roof Tank 2209 | VOC | 3.60 | 5.49 |
| 50TEF_2210 | OMCC 2 Ext. Floating Roof Tank 2210 | VOC | 3.63 | 6.52 |
| 50TEF_2212 | OMCC 2 Ext. Floating Roof Tank 2212 | VOC | 3.63 | 5.61 |
| 50TEF_2213 | OMCC 2 Ext. Floating Roof Tank 2213 | VOC | 3.60 | 5.94 |
| 50TEF_2221 | OMCC 2 Ext. Floating Roof Tank 2221 | VOC | 2.20 | 8.61 |
| 50TEF_2223 | OMCC 2 Ext. Floating Roof Tank 2223 | VOC | 4.88 | 7.97 |
| 50TEF_2225 | OMCC 2 Ext. Floating Roof Tank 2225 | VOC | 3.17 | 5.00 |
| 49TEF_1377 | OMCC 1 Ext. Floating Roof Tank 1377 | VOC | 1.17 | 3.71 |
| 49TEF_1378 | OMCC 1 Ext. Floating Roof Tank 1378 | VOC | 1.15 | 3.63 |
| 18TFX_4117 | Lean Amine Tank | VOC | 0.07 | 0.04 |

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | TPY** |
|---|---|---|---|---|
| Petroleum Coke Handling Facility | | | | |
| 04FUG002 | Coke Pit | $PM_{10}$ | 0.22 | 0.18 |
| | | PM | 0.42 | 0.22 |
| 04FUG003 | Stockpile | $PM_{10}$ | 1.11 | 0.44 |
| | | PM | 2.39 | 1.08 |
| 04FUG004 | Conveyor System 1 | $PM_{10}$ | 0.86 | 0.30 |
| | | PM | 1.71 | 0.15 |
| 04FUG005 | Conveyor System 2 | $PM_{10}$ | 0.94 | 0.08 |
| | | PM | 1.98 | 0.17 |
| Dualayer Unit | | | | |
| 19CTL_025 | Dualayer Cooling Tower No. 25 | VOC | 0.11 | 0.50 |
| 19FUG_001 | Dualayer Fugitives (4) | VOC | 7.09 | 31.06 |
| Naphtha Splitter Unit | | | | |
| 66FUG_001 | Naphtha Splitter Unit Fugitives (4) | VOC | 1.66 | 7.26 |
| 49FUG002 | Low Sulfur Gasoline Project - Interconnecting Piping Fugitives (4) | VOC | 1.60 | 7.03 |
| Cogeneration Units | | | | |
| 61STK_001 | COGEN Turbine 1 GE PG7241FA Turbine w/ 654 MMBtu/hr Duct Burner | $NO_x$ | 66.32 | 188.17 |
| | | CO*** | 139.60 | 372.48 |
| | | VOC | 12.76 | 51.98 |
| | | $SO_2$ | 47.95 | 74.07 |

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | TPY** |
|---|---|---|---|---|
| | | $PM_{10}$*** | 24.54 | 106.13 |
| | | $NH_3$ | 31.88 | 97.36 |
| | | $H_2SO_4$ | 3.67 | 5.67 |
| 61STK_002 | COGEN Turbine 2 | $NO_x$ | 66.32 | 188.17 |
| | GE PG7241FA Turbine w/ | CO*** | 139.60 | 372.48 |
| | 654 MMBtu/hr Duct Burner | VOC | 12.76 | 51.98 |
| | | $SO_2$ | 47.95 | 74.07 |
| | | $PM_{10}$*** | 24.54 | 106.13 |
| | | $NH_3$ | 31.88 | 97.36 |
| | | $H_2SO_4$ | 3.67 | 5.67 |
| 61STK_003 | COGEN Turbine 3 | $NO_x$ | 66.32 | 188.17 |
| | GE PG7241FA Turbine w/ | CO*** | 139.60 | 372.48 |
| | 654 MMBtu/hr Duct Burner | VOC | 12.76 | 51.98 |
| | | $SO_2$ | 47.95 | 74.07 |
| | | $PM_{10}$*** | 24.54 | 106.13 |
| | | $NH_3$ | 31.88 | 97.36 |
| | | $H_2SO_4$ | 3.67 | 5.67 |
| 61VNT_001 | CTG No. 1 Lube Oil Vent | VOC | 0.04 | 0.19 |
| 61VNT_002 | CTG No. 2 Lube Oil Vent | VOC | 0.04 | 0.19 |
| 61VNT_003 | CTG No. 3 Lube Oil Vent | VOC | 0.04 | 0.19 |
| 61VNT_004 | STG Lube Oil Vent | VOC | 0.01 | 0.02 |
| 61CTL_031 | Cooling Tower | $PM_{10}$ | 0.27 | 1.18 |
| 61FUG_001 | Piping Fugitives (4) | $NH_3$ | 0.13 | 0.56 |
| | | VOC | 2.62 | 11.48 |
| 27CTL_003 | Cooling Tower No. 3 | VOC | 1.51 | 6.62 |

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | TPY** |
|---|---|---|---|---|

(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) CO - carbon monoxide
COS - carbonyl sulfide
$CS_2$ - carbon disulfide
$Cl_2$ - chlorine
HCl - hydrogen chloride
$H_2S$ - hydrogen sulfide
$H_2SO_4$ - sulfuric acid
$NH_3$ - ammonia
$NO_x$ - total oxides of nitrogen
$PM_{10}$ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted
$SO_2$ - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
(5) The annual emission rate in tons per year is based on operating 336 hours per year (rolling annual basis) with the stack burner/thermal oxidizer down.

Permits by Rule (PBR) and Emissions Consolidated by Reference

Permit Numbers 19566, PSD-TX-768M1, and PSD-TX-932

| |
|---|
| Note: The emissions in this table were originally authorized under one or more Standard Exemptions (SEs), Permits by Rule (PBRs), or Standard Permits (SPs) which have been Consolidated by Reference into this permit. The rates for each emission point number (EPN) and contaminant are included in the emission rates appearing previously in this document for the EPN. The original SEs, PBRs, and SPs continue in effect. These emissions have not been evaluated for effects. |

| EPN No. | Registration No(s). | PBR(s) Claimed | Air Contaminant Name (3) | Emission Rates * | |
|---|---|---|---|---|---|
| | | | | lb/hr | TPY** |
| 32STK_001 | | 106.262 | $H_2S$ | 0.71 | 2.96 |
| 32VNT_005 | | 106.262 | $H_2S$ | 0.06 | 0.26 |
| 32FUG_001 | 34760, 34779, 43675, 44038, 47309, 47608, 52288, 53561, 70003, 74997, and 75572 | SE 118, 106.261, 106.262, 106.373, and 106.473 | $H_2S$ | 0.0002 | 0.014 |
| | | | $SO_2$ | 0.02 | 0.107 |
| | | | VOC | 0.243 | 1.052 |
| 30FUG_001 | 53561 | SE 118, 106.261, 106.262, and 106.473 | VOC | 0.55 | 2.39 |
| 05FUG_001 | 46743, 47175, 47608, 50858, 54487, 54768, 71024, 71740, 74615 | SE 106, 106.261, 106.262, and 106.472 | $H_2S$ | 0.0027 | 0.005 |
| | | | VOC | 2.50 | 10.93 |

| EPN No. | Registration No(s). | PBR(s) Claimed | Air Contaminant Name (3) | Emission Rates * | |
|---|---|---|---|---|---|
| | | | | lb/hr | TPY** |
| 20FUG_001 | 30669, 44099, 47608, 50858, 53040, 54768, 55654, 70983, 71740, and 75572 | SE 84, 106, 118, 106.261, and 106.262 | $H_2S$ | 0.01 | 0.05 |
| | | | $NH_3$ | 0.005 | 0.02 |
| | | | VOC | 0.94 | 4.09 |
| 28STK_001 | | 106.261 | CO | Operations change with net emissions reduction. | Operations change with net emissions reduction. |
| | | | $NO_x$ | | |
| | | | $PM_{10}$ | | |
| | | | $SO_2$ | | |
| | | | VOC | | |
| 28VNT_001 | | SE 106, 106.261 | CO | 0.53 | 2.32 |
| | | | $NO_x$ | 2.08 | 9.11 |
| | | | $PM_{10}$ | 0.002 | 0.01 |

| EPN No. | Registration No(s). | PBR(s) Claimed | Air Contaminant Name (3) | Emission Rates * | |
|---|---|---|---|---|---|
| | | | | lb/hr | TPY** |
| 04STK_004 | | 106.261 | VOC | 0.008 | 0.034 |
| 18FUG_001 | 26280, 35777, 42951, 44048 | SE 118, 106.261, 106.261 | $H_2S$ | 0.009 | 0.038 |
| | | | $NH_3$ | 0.000009 | 0.00004 |
| | | | VOC | 0.05 | 0.05 |
| 18SMP_4118 | | | VOC | 0.0004 | 0.0015 |
| 29FUG_001 | 71740 | 106.261 | VOC | 0.052 | 0.23 |
| 49TEF_1377 | | 106.478 | VOC | Product change with no emissions increase | Product change with no emissions increase |
| 18TFX_4117 | | | VOC | 0.06 | 0.00 |
| 4FUG_002 | | SE 116, 106.261 | $PM_{10}$ | 0.02 | 0.07 |
| 4FUG_003 | | SE 116 106.261 | $PM_{10}$ | 0.04 | 0.18 |
| | | | PM | 0.12 | 0.54 |
| 4FUG_004 | 75572 | SE 116, 106.261 | $PM_{10}$ | 0.05 | 0.23 |
| 19FUG_001 | 44099, 54768, 71740, 75572 | SE 51 106.261, 106.472 | Inorganic | 0.30 | 1.32 |
| | | | VOC | 0.16 | 0.72 |
| 66FUG_001 | 71740, 75572 | 106.261 | VOC | 0.02 | 0.11 |
| 50TEF_2223 | | 106.261 | VOC | 3.06 | 0.00 |

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day 24 Days/week 7 Weeks/year 52

** Compliance with annual emission limits is based on a rolling 12-month period.

*** Emissions regulated under PSD-TX-932 permit authorization.

Dated March 30, 2009