

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

EMISSION CAPS

Permit Numbers 21262 and PSD-TX-928

This table lists the maximum allowable emission caps 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 |
| A308 | Storage Tank | Benzene | | |
| A309 (TA309) | Storage Tank | Benzene | | |
| AP16 | Storage Tank | Benzene | | |
| AP17 | Storage Tank | Benzene | | |
| AP6 | Storage Tank | Benzene | | |
| AP8 | Storage Tank | Benzene | | |
| AR214 (A214) | Analyzer | Benzene | | |
| AR299 | Analyzer | Benzene | | |
| AR300 | Analyzer | Benzene | | |
| AYARDOWS | Wastewater Collection | Benzene | | |
| BARGE | Marine Loading | Benzene | | |
| BENZENE1 | Marine Loading | Benzene | | |
| BENZENE2 | Marine Loading | Benzene | | |
| BENZENE4 | Marine Loading | Benzene | | |
| BYARDOWS | Wastewater Collection | Benzene | | |
| CCLP | Wastewater Collection | Benzene | | |
| COKEHCFUG | Fugitives (4) | Benzene | | |
| CPI1 | Wastewater Collection | Benzene | | |
| CPI2 | Wastewater Collection | Benzene | | |
| CR3AN1 | Analyzer | Benzene | | |
| CR3AN2 | Analyzer | Benzene | | |
| CRUDE | Marine Loading | Benzene | | |
| CYARDOWS | Wastewater Collection | Benzene | | |
| DAOWS | Wastewater Collection | Benzene | | |
| DD2 | Wastewater Collection | Benzene | | |
| DOCK1 | Marine Loading | Benzene | | |
| DOCK2 | Marine Loading | Benzene | | |
| DOCK4 | Marine Loading | Benzene | | |
| DOCKF | Fugitives (4) | Benzene | | |
| DOCKS | Wastewater Collection | Benzene | | |

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AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | <u>Emission Rates *</u> | |
|---------------------------|-----------------------|-----------------------------|-------------------------|-----|
| | | | lb/hr | TPY |
| DYARDOWS | Wastewater Collection | Benzene | | |
| ENVNOF | Fugitives (4) | Benzene | | |
| F314 | Storage Tank | Benzene | | |
| F315 | Storage Tank | Benzene | | |
| F316 | Storage Tank | Benzene | | |
| F317 | Storage Tank | Benzene | | |
| F338 | Storage Tank | Benzene | | |
| FEFUGDISP | Fugitives (4) | Benzene | | |
| FEFUGDU2 | Fugitives (4) | Benzene | | |
| FEFUGDU3 | Fugitives (4) | Benzene | | |
| FEFUGTHCR | Fugitives (4) | Benzene | | |
| FUGCCU | Fugitives (4) | Benzene | | |
| FUGCFH | Fugitives (4) | Benzene | | |
| FUGCR3 | Fugitives (4) | Benzene | | |
| FUGCR3TF | Fugitives (4) | Benzene | | |
| FUGDHT | Fugitives (4) | Benzene | | |
| FUGDU1 | Fugitives (4) | Benzene | | |
| FUGGFRAC | Fugitives (4) | Benzene | | |
| FUGGR | Fugitives (4) | Benzene | | |
| FUGHDU1 | Fugitives (4) | Benzene | | |
| FUGHP1 | Fugitives (4) | Benzene | | |
| FUGPLAT2 | Fugitives (4) | Benzene | | |
| FUGPSA | Fugitives (4) | Benzene | | |
| FUGSGP | Fugitives (4) | Benzene | | |
| FUGSHCU | Fugitives (4) | Benzene | | |
| FUGSR6 | Fugitives (4) | Benzene | | |
| FUGSR7 | Fugitives (4) | Benzene | | |
| FUGSR8 | Fugitives (4) | Benzene | | |
| G308 | Storage Tank | Benzene | | |
| G309 | Storage Tank | Benzene | | |
| G310 | Storage Tank | Benzene | | |
| G311 | Storage Tank | Benzene | | |
| G313 | Storage Tank | Benzene | | |
| G315 | Storage Tank | Benzene | | |
| G316 | Storage Tank | Benzene | | |
| G320 | Storage Tank | Benzene | | |

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AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * | |
|---------------------------|-----------------------|-----------------------------|------------------|-----|
| | | | lb/hr | TPY |
| G322 | Storage Tank | Benzene | | |
| G323 | Storage Tank | Benzene | | |
| G326 | Storage Tank | Benzene | | |
| G327 | Storage Tank | Benzene | | |
| G328 | Storage Tank | Benzene | | |
| G329 | Storage Tank | Benzene | | |
| G332 | Storage Tank | Benzene | | |
| G342 | Storage Tank | Benzene | | |
| G346 | Storage Tank | Benzene | | |
| G348 | Storage Tank | Benzene | | |
| G355 | Storage Tank | Benzene | | |
| G356 | Storage Tank | Benzene | | |
| G357 | Storage Tank | Benzene | | |
| G358 | Storage Tank | Benzene | | |
| G360 | Storage Tank | Benzene | | |
| GIRBOTWW | Wastewater Collection | Benzene | | |
| GOHTHCFUG | Fugitives (4) | Benzene | | |
| HVIOWS | Wastewater Collection | Benzene | | |
| J303B | Storage Tank | Benzene | | |
| J304 | Storage Tank | Benzene | | |
| J308 | Storage Tank | Benzene | | |
| J309 | Storage Tank | Benzene | | |
| J311 | Storage Tank | Benzene | | |
| J312 | Storage Tank | Benzene | | |
| J315 | Storage Tank | Benzene | | |
| J316 | Storage Tank | Benzene | | |
| J317 | Storage Tank | Benzene | | |
| J320 | Storage Tank | Benzene | | |
| J322 | Storage Tank | Benzene | | |
| J323 | Storage Tank | Benzene | | |
| J324 | Storage Tank | Benzene | | |
| J326 | Storage Tank | Benzene | | |
| J327 | Storage Tank | Benzene | | |
| J328 | Storage Tank | Benzene | | |
| J336 | Storage Tank | Benzene | | |

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 |
| J337 | Storage Tank | Benzene | | |
| J338 | Storage Tank | Benzene | | |
| J348 | Storage Tank | Benzene | | |
| J349 | Storage Tank | Benzene | | |
| K303 | Storage Tank | Benzene | | |
| K304 | Storage Tank | Benzene | | |
| LEUOWS | Wastewater Collection | Benzene | | |
| LHT1FE | Fugitives (4) | Benzene | | |
| LHT1OWS | Wastewater Collection | Benzene | | |
| LHT2FE | Fugitives (4) | Benzene | | |
| LHT2OWS | Wastewater Collection | Benzene | | |
| LOADOWS | Wastewater Collection | Benzene | | |
| LUGGERPN | Storage Tank | Benzene | | |
| MANHOLE4 | Wastewater Collection | Benzene | | |
| MVIDEASS | Wastewater Collection | Benzene | | |
| MVIOWS | Wastewater Collection | Benzene | | |
| NAB | North Aeration Basin | Benzene | | |
| NDAF | Wastewater Collection | Benzene | | |
| OWATCTF | Wastewater Collection | Benzene | | |
| OWDU1 | Wastewater Collection | Benzene | | |
| P301 | Storage Tank | Benzene | | |
| SAB | North Aeration Basin | Benzene | | |
| S412 | Storage Tank | Benzene | | |
| SDAF | Wastewater Collection | Benzene | | |
| SR3/4WW | Wastewater Collection | Benzene | | |
| SS376 | Storage Tank | Benzene | | |
| SS377 | Storage Tank | Benzene | | |
| SS378 | Storage Tank | Benzene | | |
| SS379 | Storage Tank | Benzene | | |
| SS403 | Storage Tank | Benzene | | |
| T1F323 | Storage Tank | Benzene | | |
| T1F324 | Storage Tank | Benzene | | |
| T1F329 | Storage Tank | Benzene | | |
| T1F330 | Storage Tank | Benzene | | |
| T301 | Storage Tank | Benzene | | |

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 |
| T302 | Storage Tank | Benzene | | |
| TA301 | Storage Tank | Benzene | | |
| TA305 | Storage Tank | Benzene | | |
| TA306 | Storage Tank | Benzene | | |
| TA307 | Storage Tank | Benzene | | |
| TA310 | Storage Tank | Benzene | | |
| TA311 | Storage Tank | Benzene | | |
| TA312 | Storage Tank | Benzene | | |
| TA313 | Storage Tank | Benzene | | |
| TA315 | Storage Tank | Benzene | | |
| TA316 | Storage Tank | Benzene | | |
| TA317 | Storage Tank | Benzene | | |
| TA318 | Storage Tank | Benzene | | |
| TA319 | Storage Tank | Benzene | | |
| TA320 | Storage Tank | Benzene | | |
| TA321 | Storage Tank | Benzene | | |
| TA322 | Storage Tank | Benzene | | |
| TA324 | Storage Tank | Benzene | | |
| TA325 | Storage Tank | Benzene | | |
| TA326 | Storage Tank | Benzene | | |
| TA329 | Storage Tank | Benzene | | |
| TA330 | Storage Tank | Benzene | | |
| TA331 | Storage Tank | Benzene | | |
| TA332 | Storage Tank | Benzene | | |
| TA334 | Storage Tank | Benzene | | |
| TC&G | Wastewater Collection | Benzene | | |
| TG324 | Storage Tank | Benzene | | |
| TG362 | Storage Tank | Benzene | | |
| TJ333 | Storage Tank | Benzene | | |
| TJ334 | Storage Tank | Benzene | | |
| TJ335 | Storage Tank | Benzene | | |
| TJ339R1 | Storage Tank | Benzene | | |
| TK305 | Storage Tank | Benzene | | |
| TRKLFIL | Wastewater Collection | Benzene | | |
| TRKLSMP | Wastewater Collection | Benzene | | |

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AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | <u>Emission Rates *</u> | |
|---------------------------|----------------------------|-----------------------------|-------------------------|------------|
| | | | <u>lb/hr</u> | <u>TPY</u> |
| WAXPTOWS | Wastewater Collection | Benzene | | |
| WAXPTWAX | Wastewater Collection | Benzene | | |
| WAXSKMC | Wastewater Collection | Benzene | | |
| WPFLARE | West Property Flare | Benzene | | |
| X311 | Storage Tank | Benzene | | |
| X312 | Storage Tank | Benzene | | |
| X313 | Storage Tank | Benzene | | |
| X315 | Storage Tank | Benzene | | |
| X316 | Wastewater Collection | Benzene | | |
| X320 | Storage Tank | Benzene | | |
| X321 | Storage Tank | Benzene | | |
| X324 | Storage Tank | Benzene | | |
| X325 | Storage Tank | Benzene | | |
| X326 | Storage Tank | Benzene | | |
| X327 | Storage Tank | Benzene | | |
| X328 | Storage Tank | Benzene | | |
| X330 | Wastewater Collection | Benzene | | |
| X330SM | Wastewater Collection | Benzene | | |
| | 2005 INTERIM CAP | Benzene | 12.7 | 31.4 |
| | FINAL EMISSIONS CAP | Benzene | 12.4 | 31.2 |
| A1660B | SR-3/4 Incinerator | CO | | |
| AE2340 | Engine | CO | | |
| AE2636 | Engine | CO | | |
| AE2650 | Engine | CO | | |
| AE348 | Engine | CO | | |
| AE349 | Engine | CO | | |
| AE388 | Engine | CO | | |
| AE389 | Engine | CO | | |
| AE700 | Engine | CO | | |
| AE768 | Engine | CO | | |
| CO70 | Engine | CO | | |
| CO93 | Engine | CO | | |
| CO94 | Engine | CO | | |
| CO95 | Engine | CO | | |
| COKEFLARE | Coker Flare | CO | | |

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AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * | |
|---------------------------|---------------------------|-----------------------------|------------------|-----|
| | | | lb/hr | TPY |
| EPFLARE | East Property Flare | CO | | |
| FLARELHT | Flare | CO | | |
| FLARELUB | Flare | CO | | |
| FLNFLARE | North Property Flare | CO | | |
| H1000 | Furnace | CO | | |
| H1001 | Furnace | CO | | |
| H1010 | Furnace | CO | | |
| H1011 | Furnace | CO | | |
| H1100 | Furnace | CO | | |
| H1130 | Heater | CO | | |
| H1170 | Furnace | CO | | |
| H3300 | DHT H ₂ Heater | CO | | |
| H5100 | Furnace | CO | | |
| H5101 | Furnace | CO | | |
| H5102 | Furnace | CO | | |
| H5103 | Furnace | CO | | |
| H5200 | Furnace | CO | | |
| H5301/4 | Heater | CO | | |
| H5302/3 | Heater | CO | | |
| H5305 | Furnace | CO | | |
| H5400 | Furnace | CO | | |
| H5402 | Furnace | CO | | |
| H5403 | Furnace | CO | | |
| H5500A | Furnace | CO | | |
| H5500B | Furnace | CO | | |
| H5500C | Furnace | CO | | |
| H5600 | Furnace | CO | | |
| H600 | CO Boiler | CO | | |
| H613 | Heater | CO | | |
| H63000 | Heater | CO | | |
| H775 | Heater | CO | | |
| H8 | Heater | CO | | |
| H850S1 | Heater | CO | | |
| H850S2 | Heater | CO | | |
| H9150R1 | Heater | CO | | |

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AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * | |
|----------------------------|----------------------|-----------------------------|------------------|--------|
| | | | lb/hr | TPY |
| HCOKE | Furnace | CO | | |
| HCOKER2 | Heater | CO | | |
| HGOHT | Furnace | CO | | |
| HPOSTFRAC | Heater | CO | | |
| HPREFFLASH | Heater | CO | | |
| HPREFFLASH2 | Heater | CO | | |
| N FLARE | CCU FLARE | CO | | |
| SR5STACK | Tail Gas Incinerator | CO | | |
| SR6STACK | Tail Gas Incinerator | CO | | |
| SR7STACK | Tail Gas Incinerator | CO | | |
| SR8STACK | Tail gas incinerator | CO | | |
| WPFLARE | West Property Flare | CO | | |
| FINAL EMISSIONS CAP | | CO | 1340.4 | 5863.1 |
| A1005 | Flare | H ₂ S | | |
| A1284 | Analyzer | H ₂ S | | |
| A1660B | SR-3/4 Incinerator | H ₂ S | | |
| A1746N | Analyzer | H ₂ S | | |
| A1760 | Analyzer | H ₂ S | | |
| A330 | Analyzer | H ₂ S | | |
| A3344 | Analyzer | H ₂ S | | |
| A422 | Analyzer | H ₂ S | | |
| A759 | Analyzer | H ₂ S | | |
| A9267 | Analyzer | H ₂ S | | |
| A9268 | Analyzer | H ₂ S | | |
| AP16 | Storage Tank | H ₂ S | | |
| AP17 | Storage Tank | H ₂ S | | |
| AYARDFE | Fugitives (4) | H ₂ S | | |
| BARGE | Marine Loading | H ₂ S | | |
| BENZENE1 | Marine Loading | H ₂ S | | |
| BENZENE2 | Marine Loading | H ₂ S | | |
| BENZENE4 | Marine Loading | H ₂ S | | |
| C9150/51 | Vent | H ₂ S | | |
| C9150/51 | Vent | H ₂ S | | |

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 |
| C9152/53 | Vent | H ₂ S | | |
| C9152/53 | Vent | H ₂ S | | |
| COKEHCFUG | Fugitives (4) | H ₂ S | | |
| CRUDE | Marine Loading | H ₂ S | | |
| DOCK1 | Marine Loading | H ₂ S | | |
| DOCK2 | Marine Loading | H ₂ S | | |
| DOCK4 | Marine Loading | H ₂ S | | |
| DOCKF | Fugitives (4) | H ₂ S | | |
| EPFLARE | East Property Flare | H ₂ S | | |
| F338 | Storage Tank | H ₂ S | | |
| FEALKY | Fugitives (4) | H ₂ S | | |
| FEFUGDISP | Fugitives (4) | H ₂ S | | |
| FEFUGDU2 | Fugitives (4) | H ₂ S | | |
| FEFUGTHCR | Fugitives (4) | H ₂ S | | |
| FLARELHT | Flare | H ₂ S | | |
| FLARELUB | Flare | H ₂ S | | |
| FP187 | Storage Tank | H ₂ S | | |
| FP188 | Storage Tank | H ₂ S | | |
| FUGCCU | Fugitives (4) | H ₂ S | | |
| FUGCFH | Fugitives (4) | H ₂ S | | |
| FUGCR3 | Fugitives (4) | H ₂ S | | |
| FUGCR3TF | Fugitives (4) | H ₂ S | | |
| FUGDHT | Fugitives (4) | H ₂ S | | |
| FUGDU1 | Fugitive | H ₂ S | | |
| FUGGFRAC | Fugitives (4) | H ₂ S | | |
| FUGGR | Fugitives (4) | H ₂ S | | |
| FUGHDU1 | Fugitives (4) | H ₂ S | | |
| FUGHP1 | Fugitives (4) | H ₂ S | | |
| FUGPLAT2 | Fugitives (4) | H ₂ S | | |
| FUGPOSTFRAC | Fugitives (4) | H ₂ S | | |
| FUGSGP | Fugitives (4) | H ₂ S | | |
| FUGSHCU | Fugitives (4) | H ₂ S | | |
| FUGSR6 | Fugitives (4) | H ₂ S | | |
| FUGSR7 | Fugitives (4) | H ₂ S | | |
| FUGSR8 | Fugitives (4) | H ₂ S | | |
| G332 | Storage Tank | H ₂ S | | |
| GIRBOTFE | Fugitive | H ₂ S | | |

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AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * | |
|---------------------------|--------------------------|-----------------------------|------------------|-----|
| | | | lb/hr | TPY |
| GOHTHCFUG | Fugitives (4) | H ₂ S | | |
| J317 | Storage Tank | H ₂ S | | |
| J318B (J318) | Storage Tank | H ₂ S | | |
| J325 | Storage Tank | H ₂ S | | |
| J326 | Storage Tank | H ₂ S | | |
| J327 | Storage Tank | H ₂ S | | |
| J328 | Storage Tank | H ₂ S | | |
| J329 | Storage Tank | H ₂ S | | |
| J331 | Storage Tank | H ₂ S | | |
| J332 | Storage Tank | H ₂ S | | |
| J348 | Storage Tank | H ₂ S | | |
| J349 | Storage Tank | H ₂ S | | |
| L2COMPVT | Vent | H ₂ S | | |
| LDSULF67 | SR6 and SR7 Loading Rack | H ₂ S | | |
| LHT1FE | Fugitive | H ₂ S | | |
| LHT1OWS | Wastewater Collection | H ₂ S | | |
| LHT2FE | Fugitive | H ₂ S | | |
| LHT2OWS | Wastewater Collection | H ₂ S | | |
| LUBLODFE | Fugitives (4) | H ₂ S | | |
| LUGGERPN | Storage Tank | H ₂ S | | |
| MVIDEASS | Wastewater Collection | H ₂ S | | |
| N FLARE | CCU FLARE | H ₂ S | | |
| RKLTC/TT | Load | H ₂ S | | |
| S339 | Storage Tank | H ₂ S | | |
| S429 | Storage Tank | H ₂ S | | |
| SR3/4PIT | SR3/4 Sulfur Pit | H ₂ S | | |
| SR5FUG | Fugitives (4) | H ₂ S | | |
| SR5LO1 (SR5L01) | SR5 Loading Rack | H ₂ S | | |
| SR5LO2 (SR5L02) | SR5 Loading Rack | H ₂ S | | |
| SR5STACK | Tail Gas Incinerator | H ₂ S | | |
| SR6STACK | Tail Gas Incinerator | H ₂ S | | |
| SR7STACK | Tail Gas Incinerator | H ₂ S | | |
| SR8STACK | Tail Gas incinerator | H ₂ S | | |
| SRTT | SR3/4 Loading Rack | H ₂ S | | |
| SS343 | Storage Tank | H ₂ S | | |

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AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * | |
|---------------------------|--------------------|-----------------------------|------------------|-----|
| | | | lb/hr | TPY |
| SULFUR | SR5 Sulfur Pit | H ₂ S | | |
| TA301 | Storage Tank | H ₂ S | | |
| TA305 | Storage Tank | H ₂ S | | |
| TA306 | Storage Tank | H ₂ S | | |
| TA307 | Storage Tank | H ₂ S | | |
| TA310 | Storage Tank | H ₂ S | | |
| TA311 | Storage Tank | H ₂ S | | |
| TA312 | Storage Tank | H ₂ S | | |
| TA313 | Storage Tank | H ₂ S | | |
| TA315 | Storage Tank | H ₂ S | | |
| TA316 | Storage Tank | H ₂ S | | |
| TA317 | Storage Tank | H ₂ S | | |
| TA318 | Storage Tank | H ₂ S | | |
| TA319 | Storage Tank | H ₂ S | | |
| TA320 | Storage Tank | H ₂ S | | |
| TA321 | Storage Tank | H ₂ S | | |
| TA322 | Storage Tank | H ₂ S | | |
| TA324 | Storage Tank | H ₂ S | | |
| TA325 | Storage Tank | H ₂ S | | |
| TA326 | Storage Tank | H ₂ S | | |
| TA329 | Storage Tank | H ₂ S | | |
| TA330 | Storage Tank | H ₂ S | | |
| TA331 | Storage Tank | H ₂ S | | |
| TA332 | Storage Tank | H ₂ S | | |
| TA334 | Storage Tank | H ₂ S | | |
| TG324 | Storage Tank | H ₂ S | | |
| TG362 | Storage Tank | H ₂ S | | |
| TJ339R1 | Storage Tank | H ₂ S | | |
| TSR67 | Molten Sulfur Tank | H ₂ S | | |
| V1813 | Vent | H ₂ S | | |
| V8601 | Analyzer | H ₂ S | | |
| VA03 | Storage Tank | H ₂ S | | |
| VA04 | Storage Tank | H ₂ S | | |
| VA21 | Storage Tank | H ₂ S | | |
| VA22 | Storage Tank | H ₂ S | | |

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| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * | |
|----------------------------|-----------------------|-----------------------------|------------------|-------|
| | | | lb/hr | TPY |
| VA41 | Storage Tank | H ₂ S | | |
| VA42 | Storage Tank | H ₂ S | | |
| WPFLARE | West Property Flare | H ₂ S | | |
| X313 | Storage Tank | H ₂ S | | |
| FINAL EMISSIONS CAP | | H ₂ S | | 108.7 |
| | | | 27.7 | |
| AYARDOWS | Wastewater Collection | NH ₃ | | |
| BYARDOWS | Wastewater Collection | NH ₃ | | |
| CCLP | Wastewater Collection | NH ₃ | | |
| COKEHCFUG | Fugitives (4) | NH ₃ | | |
| CPI1 | Wastewater Collection | NH ₃ | | |
| CPI2 | Wastewater Collection | NH ₃ | | |
| CYARDOWS | Wastewater Collection | NH ₃ | | |
| DAOWS | Wastewater Collection | NH ₃ | | |
| DD2 | Wastewater Collection | NH ₃ | | |
| DOCKF | Fugitives (4) | NH ₃ | | |
| DOCKS | Wastewater Collection | NH ₃ | | |
| DYARDOWS | Wastewater Collection | NH ₃ | | |
| FEFUGDISP | Fugitives (4) | NH ₃ | | |
| FEFUGDU2 | Fugitives (4) | NH ₃ | | |
| FUGCCU | Fugitives (4) | NH ₃ | | |
| FUGCR3 | Fugitives (4) | NH ₃ | | |
| FUGDHT | Fugitives (4) | NH ₃ | | |
| FUGHDU1 | Fugitives (4) | NH ₃ | | |
| FUGSR6 | Fugitives (4) | NH ₃ | | |
| FUGSR7 | Fugitives (4) | NH ₃ | | |
| FUGSR8 | Fugitives (4) | NH ₃ | | |
| GIRBOTWW | Wastewater Collection | NH ₃ | | |
| HVIOWS | Wastewater Collection | NH ₃ | | |
| J318 | Storage Tank | NH ₃ | | |
| LEUOWS | Wastewater Collection | NH ₃ | | |
| LHT1FE | Fugitives (4) | NH ₃ | | |
| LHT1OWS | Wastewater Collection | NH ₃ | | |

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 |
| LHT2OWS | Wastewater Collection | NH ₃ | | |
| LOADOWS | Wastewater Collection | NH ₃ | | |
| MANHOLE4 | Wastewater Collection | NH ₃ | | |
| MVIDEASS | Wastewater Collection | NH ₃ | | |
| MVIEWS | Wastewater Collection | NH ₃ | | |
| NAB | North Aeration Basin | NH ₃ | | |
| NDAF | Wastewater Collection | NH ₃ | | |
| OWATCTF | Wastewater Collection | NH ₃ | | |
| OWDU1 | Wastewater Collection | NH ₃ | | |
| SAB | South Aeration Basin | NH ₃ | | |
| S429 | Storage Tank | NH ₃ | | |
| SDAF | Wastewater Collection | NH ₃ | | |
| SR3/4WW | Wastewater Collection | NH ₃ | | |
| T301 | Storage Tank | NH ₃ | | |
| T302 | Storage Tank | NH ₃ | | |
| TC&G | Wastewater Collection | NH ₃ | | |
| TRKLFIL | Wastewater Collection | NH ₃ | | |
| TRKLSMP | Wastewater Collection | NH ₃ | | |
| WAXPTOWS | Wastewater Collection | NH ₃ | | |
| WAXPTWAX | Wastewater Collection | NH ₃ | | |
| WAXSKMC | Wastewater Collection | NH ₃ | | |
| X311 | Storage Tank | NH ₃ | | |
| X312 | Storage Tank | NH ₃ | | |
| X316 | Wastewater Collection | NH ₃ | | |
| X330 | Wastewater Collection | NH ₃ | | |
| X330SM | Wastewater Collection | NH ₃ | | |

FINAL EMISSIONS CAPNH₃

0.74

3.90

| | | |
|--------|--------------------|-----------------|
| A1005 | Flare | NO _x |
| A1660B | SR-3/4 Incinerator | NO _x |
| AE2340 | Engine | NO _x |
| AE2636 | Engine | NO _x |
| AE2650 | Engine | NO _x |
| AE348 | Engine | NO _x |

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 |
| AE349 | Engine | NO _x | | |
| AE388 | Engine | NO _x | | |
| AE389 | Engine | NO _x | | |
| AE700 | Engine | NO _x | | |
| AE768 | Engine | NO _x | | |
| CO70 | Engine | NO _x | | |
| CO93 | Engine | NO _x | | |
| CO94 | Engine | NO _x | | |
| CO95 | Engine | NO _x | | |
| COKEFLARE | Coker Flare | NO _x | | |
| EPFLARE | East Property Flare | NO _x | | |
| FLARELHT | Flare | NO _x | | |
| FLARELUB | Flare | NO _x | | |
| FLNFLARE | North Property Flare | NO _x | | |
| H1000 | Furnace | NO _x | | |
| H1001 | Furnace | NO _x | | |
| H1010 | Furnace | NO _x | | |
| H1011 | Furnace | NO _x | | |
| H1100 | Furnace | NO _x | | |
| H1130 | Heater | NO _x | | |
| H1170 | Furnace | NO _x | | |
| H3300 | DHT H ₂ Heater | NO _x | | |
| H5100 | Furnace | NO _x | | |
| H5101 | Furnace | NO _x | | |
| H5102 | Furnace | NO _x | | |
| H5103 | Furnace | NO _x | | |
| H5200 | Furnace | NO _x | | |
| H5301/4 | Heater | NO _x | | |
| H5302/3 | Heater | NO _x | | |
| H5305 | Furnace | NO _x | | |
| H5400 | Furnace | NO _x | | |
| H5402 | Furnace | NO _x | | |
| H5403 | Furnace | NO _x | | |
| H5500A | Furnace | NO _x | | |
| H5500B | Furnace | NO _x | | |

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | <u>Emission Rates *</u> | |
|---------------------------|----------------------|-----------------------------|-------------------------|-----|
| | | | lb/hr | TPY |
| H5500C | Furnace | NO _x | | |
| H5600 | Furnace | NO _x | | |
| H600 | CO Boiler | NO _x | | |
| H613 | Heater | NO _x | | |
| H63000 | Heater | NO _x | | |
| H775 | Heater | NO _x | | |
| H8 | Heater | NO _x | | |
| H850S1 | Heater | NO _x | | |
| H850S2 | Heater | NO _x | | |
| H9150R1 | Heater | NO _x | | |
| HCOKE | Furnace | NO _x | | |
| HCOKER2 | Heater | NO _x | | |
| HGOHT | Furnace | NO _x | | |
| HPOSTFRAC | Heater | NO _x | | |
| HPREFFLASH | Heater | NO _x | | |
| HPREFFLASH2 | Heater | NO _x | | |
| N FLARE | CCU FLARE | NO _x | | |
| SR5STACK | Tail Gas Incinerator | NO _x | | |
| SR6STACK | Tail Gas Incinerator | NO _x | | |
| SR7STACK | Tail Gas Incinerator | NO _x | | |
| SR8STACK | Tail gas incinerator | NO _x | | |
| WPFLARE | West Property Flare | NO _x | | |

FINAL EMISSIONS CAPNO_x

755.6

3178.9

| | | |
|--------|--------------------|----|
| A1660B | SR-3/4 Incinerator | PM |
| AE2340 | Engine | PM |
| AE2636 | Engine | PM |
| AE2650 | Engine | PM |
| AE348 | Engine | PM |
| AE349 | Engine | PM |
| AE388 | Engine | PM |
| AE389 | Engine | PM |
| AE700 | Engine | PM |
| AE768 | Engine | PM |
| CO70 | Engine | PM |

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 |
| CO93 | Engine | PM | | |
| CO94 | Engine | PM | | |
| CO95 | Engine | PM | | |
| COKEPMFUG1 | Fugitives (4) | PM | | |
| COKEPMFUG1A | Fugitives (4) | PM | | |
| COKEPMFUG2 | Fugitives (4) | PM | | |
| COKEPMFUG3 | Fugitives (4) | PM | | |
| COKEPMFUG4 | Fugitives (4) | PM | | |
| COKEPMFUG5 | Fugitives (4) | PM | | |
| COKEPMFUG6 | Fugitives (4) | PM | | |
| COKEPMFUG7 | Fugitives (4) | PM | | |
| CWT10 | Cooling Tower (4) | PM | | |
| CWT11 | Cooling Tower (4) | PM | | |
| CWT12 | Cooling Tower (4) | PM | | |
| CWT15 | Cooling Tower (4) | PM | | |
| CWT16/16A | Cooling Tower (4) | PM | | |
| CWT17 | Cooling Tower (4) | PM | | |
| CWT18 | Cooling Tower (4) | PM | | |
| CWT7 | Cooling Tower (4) | PM | | |
| CWT8 | Cooling Tower (4) | PM | | |
| CWT8A | Cooling Tower (4) | PM | | |
| CWT9 | Cooling Tower (4) | PM | | |
| H1000 | Furnace | PM | | |
| H1001 | Furnace | PM | | |
| H1010 | Furnace | PM | | |
| H1011 | Furnace | PM | | |
| H1100 | Furnace | PM | | |
| H1130 | Heater | PM | | |
| H1170 | Furnace | PM | | |
| H3300 | DHT H ₂ Heater | PM | | |
| H5100 | Furnace | PM | | |
| H5101 | Furnace | PM | | |
| H5102 | Furnace | PM | | |
| H5103 | Furnace | PM | | |
| H5200 | Furnace | PM | | |
| H5301/4 | Heater | PM | | |

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 |
| H5302/3 | Heater | PM | | |
| H5305 | Furnace | PM | | |
| H5400 | Furnace | PM | | |
| H5402 | Furnace | PM | | |
| H5403 | Furnace | PM | | |
| H5500A | Furnace | PM | | |
| H5500B | Furnace | PM | | |
| H5500C | Furnace | PM | | |
| H5600 | Furnace | PM | | |
| H600 | CO Boiler | PM | | |
| H613 | Heater | PM | | |
| H63000 | Heater | PM | | |
| H775 | Heater | PM | | |
| H8 | Heater | PM | | |
| H850S1 | Heater | PM | | |
| H850S2 | Heater | PM | | |
| H9150R1 | Heater | PM | | |
| HCOKE | Furnace | PM | | |
| HCOKER2 | Heater | PM | | |
| HGOHT | Furnace | PM | | |
| HPOSTFRAC | Heater | PM | | |
| HPREFFLASH | Heater | PM | | |
| HPREFFLASH2 | Heater | PM | | |
| SR5STACK | Tail Gas Incinerator | PM | | |
| SR6STACK | Tail Gas Incinerator | PM | | |
| SR7STACK | Tail Gas Incinerator | PM | | |
| SR8STACK | Tail Gas incinerator | PM | | |

FINAL EMISSIONS CAP

PM

130.5

566.4

| | | |
|--------|--------------------|-----------------|
| A1005 | Flare | SO ₂ |
| A1660B | SR-3/4 Incinerator | SO ₂ |
| A1745 | Analyzer | SO ₂ |
| AE2340 | Engine | SO ₂ |
| AE2636 | Engine | SO ₂ |

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 |
| AE2650 | Engine | SO ₂ | | |
| AE348 | Engine | SO ₂ | | |
| AE349 | Engine | SO ₂ | | |
| AE388 | Engine | SO ₂ | | |
| AE389 | Engine | SO ₂ | | |
| AE700 | Engine | SO ₂ | | |
| AE768 | Engine | SO ₂ | | |
| CO70 | Engine | SO ₂ | | |
| CO93 | Engine | SO ₂ | | |
| CO94 | Engine | SO ₂ | | |
| CO95 | Engine | SO ₂ | | |
| COKEFLARE | Coker Flare | SO ₂ | | |
| EPFLARE | East Property Flare | SO ₂ | | |
| FLARELHT | Flare | SO ₂ | | |
| FLARELUB | Flare | SO ₂ | | |
| H1000 | Furnace | SO ₂ | | |
| H1001 | Furnace | SO ₂ | | |
| H1010 | Furnace | SO ₂ | | |
| H1011 | Furnace | SO ₂ | | |
| H1100 | Furnace | SO ₂ | | |
| H1130 | Heater | SO ₂ | | |
| H1170 | Furnace | SO ₂ | | |
| H3300 | DHT H ₂ Heater | SO ₂ | | |
| H5100 | Furnace | SO ₂ | | |
| H5101 | Furnace | SO ₂ | | |
| H5102 | Furnace | SO ₂ | | |
| H5103 | Furnace | SO ₂ | | |
| H5200 | Furnace | SO ₂ | | |
| H5301/4 | Heater | SO ₂ | | |
| H5302/3 | Heater | SO ₂ | | |
| H5305 | Furnace | SO ₂ | | |
| H5400 | Furnace | SO ₂ | | |
| H5402 | Furnace | SO ₂ | | |
| H5403 | Furnace | SO ₂ | | |
| H5500A | Furnace | SO ₂ | | |

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 |
| H5500B | Furnace | SO ₂ | | |
| H5500C | Furnace | SO ₂ | | |
| H5600 | Furnace | SO ₂ | | |
| H600 | CO Boiler | SO ₂ | | |
| H613 | Heater | SO ₂ | | |
| H63000 | Heater | SO ₂ | | |
| H775 | Heater | SO ₂ | | |
| H8 | Heater | SO ₂ | | |
| H850S1 | Heater | SO ₂ | | |
| H850S2 | Heater | SO ₂ | | |
| H9150R1 | Heater | SO ₂ | | |
| HCOKE | Furnace | SO ₂ | | |
| HCOKER2 | Heater | SO ₂ | | |
| HGOHT | Furnace | SO ₂ | | |
| HPOSTFRAC | Heater | SO ₂ | | |
| HPREFFLASH | Heater | SO ₂ | | |
| HPREFFLASH2 | Heater | SO ₂ | | |
| N FLARE | CCU FLARE | SO ₂ | | |
| SR5STACK | Tail Gas Incinerator | SO ₂ | | |
| SR6STACK | Tail Gas Incinerator | SO ₂ | | |
| SR7STACK | Tail Gas Incinerator | SO ₂ | | |
| SR8STACK | Tail gas incinerator | SO ₂ | | |
| WPFLARE | West Property Flare | SO ₂ | | |
| FINAL EMISSIONS CAP | | SO ₂ | 3015.6 | 10282.9 |
| A102 | Analyzer | VOC | | |
| A1284 | Analyzer | VOC | | |
| A1660B | SR-3/4 Incinerator | VOC | | |
| A1745 | Analyzer | VOC | | |
| A1746N | Analyzer | VOC | | |
| A1760 | Analyzer | VOC | | |
| A214 | Analyzer | VOC | | |
| A308 | Storage Tank | VOC | | |
| A309 (TA309) | Storage Tank | VOC | | |
| A330 | Analyzer | VOC | | |

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 |
| A3344 | Analyzer | VOC | | |
| A422 | Analyzer | VOC | | |
| A553 | Analyzer | VOC | | |
| A554 | Analyzer | VOC | | |
| A759 | Analyzer | VOC | | |
| A9267 | Analyzer | VOC | | |
| A9268 | Analyzer | VOC | | |
| AE2340 | Engine | VOC | | |
| AE2636 | Engine | VOC | | |
| AE2650 | Engine | VOC | | |
| AE348 | Engine | VOC | | |
| AE349 | Engine | VOC | | |
| AE388 | Engine | VOC | | |
| AE389 | Engine | VOC | | |
| AE700 | Engine | VOC | | |
| AE768 | Engine | VOC | | |
| AG1137 | Analyzer | VOC | | |
| AP1 | Storage Tank | VOC | | |
| AP16 | Storage Tank | VOC | | |
| AP17 | Storage Tank | VOC | | |
| AP2 | Storage Tank | VOC | | |
| AP4 | Storage Tank | VOC | | |
| AP5 | Storage Tank | VOC | | |
| AP6 | Storage Tank | VOC | | |
| AP7 | Storage Tank | VOC | | |
| AP8 | Storage Tank | VOC | | |
| AR299 | Analyzer | VOC | | |
| AR300 | Analyzer | VOC | | |
| AR329 | Analyzer | VOC | | |
| AT529 | Vent | VOC | | |
| AT665 | Vent | VOC | | |
| AYARDFE | Fugitives (4) | VOC | | |
| AYARDOWS | Wastewater Collection | VOC | | |
| BARGE | Marine Loading | VOC | | |
| BENZENE1 | Marine Loading | VOC | | |
| BENZENE2 | Marine Loading | VOC | | |

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 |
| BENZENE4 | Marine Loading | VOC | | |
| BYARDOWS | Wastewater Collection | VOC | | |
| C9150/51 | Vent | VOC | | |
| C9152/53 | Vent | VOC | | |
| CCLP | Wastewater Collection | VOC | | |
| CO70 | Engine | VOC | | |
| CO93 | Engine | VOC | | |
| CO94 | Engine | VOC | | |
| CO95 | Engine | VOC | | |
| COKEFLARE | Coker Flare | VOC | | |
| COKEHCFUG | Fugitives (4) | VOC | | |
| CPI1 | Wastewater Collection | VOC | | |
| CPI2 | Wastewater Collection | VOC | | |
| CR3AN1 | Analyzer | VOC | | |
| CR3AN2 | Analyzer | VOC | | |
| CRUDE | Marine Loading | VOC | | |
| CWT10 | Cooling Tower (4) | VOC | | |
| CWT11 | Cooling Tower (4) | VOC | | |
| CWT12 | Cooling Tower (4) | VOC | | |
| CWT15 | Cooling Tower (4) | VOC | | |
| CWT16/16A | Cooling Tower (4) | VOC | | |
| CWT17 | Cooling Tower (4) | VOC | | |
| CWT18 | Cooling Tower (4) | VOC | | |
| CWT7 | Cooling Tower (4) | VOC | | |
| CWT8 | CWT | VOC | | |
| CWT8A | CWT | VOC | | |
| CWT9 | Cooling Tower (4) | VOC | | |
| CYARDOWS | Wastewater Collection | VOC | | |
| D363 | Storage Tank | VOC | | |
| DA49 | Storage Tank | VOC | | |
| DA50 | Storage Tank | VOC | | |
| DAFE | Fugitive | VOC | | |
| DAOWS | Wastewater Collection | VOC | | |
| DD2 | Wastewater Collection | VOC | | |
| DOCK1 | Marine Loading | VOC | | |

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 |
| DOCK2 | Marine Loading | VOC | | |
| DOCK4 | Marine Loading | VOC | | |
| DOCKF | Fugitives (4) | VOC | | |
| DOCKS | Wastewater Collection | VOC | | |
| DW103 | Storage Tank | VOC | | |
| DW104 | Storage Tank | VOC | | |
| DYARDOWS | Wastewater Collection | VOC | | |
| ENVNOF | Fugitives (4) | VOC | | |
| EPFLARE | East Property Flare | VOC | | |
| EX71 | Storage Tank | VOC | | |
| EX72 | Storage Tank | VOC | | |
| EX73 | Storage Tank | VOC | | |
| EX74 | Storage Tank | VOC | | |
| F301 | Storage Tank | VOC | | |
| F302 | Storage Tank | VOC | | |
| F304 | Storage Tank | VOC | | |
| F314 | Storage Tank | VOC | | |
| F315 | Storage Tank | VOC | | |
| F316 | Storage Tank | VOC | | |
| F317 | Storage Tank | VOC | | |
| F325 | Storage Tank | VOC | | |
| F326 | Storage Tank | VOC | | |
| F338 | Storage Tank | VOC | | |
| F364 | Storage Tank | VOC | | |
| F365 | Storage Tank | VOC | | |
| F366 | Storage Tank | VOC | | |
| F367 | Storage Tank | VOC | | |
| FEALKY | Fugitives (4) | VOC | | |
| FEFUGDISP | Fugitives (4) | VOC | | |
| FEFUGDU2 | Fugitives (4) | VOC | | |
| FEFUGDU3 | Fugitives (4) | VOC | | |
| FEFUGTHCR | Fugitives (4) | VOC | | |
| FEGR200 | Fugitives (4) | VOC | | |
| FEMTBE | Fugitives (4) | VOC | | |
| FILTERLK | Fugitive | VOC | | |

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 |
| FLARELHT | Flare | VOC | | |
| FLARELUB | Flare | VOC | | |
| FLNFLARE | North Property Flare | VOC | | |
| FP171 | Storage Tank | VOC | | |
| FP182 | Storage Tank | VOC | | |
| FP190 | Storage Tank | VOC | | |
| FP194 | Storage Tank | VOC | | |
| FP195 | Storage Tank | VOC | | |
| FP200 | Storage Tank | VOC | | |
| FUGCCU | Fugitives (4) | VOC | | |
| FUGCFH | Fugitives (4) | VOC | | |
| FUGCR3 | Fugitives (4) | VOC | | |
| FUGCR3TF | Fugitives (4) | VOC | | |
| FUGDHT | Fugitives (4) | VOC | | |
| FUGDU1 | Fugitive | VOC | | |
| FUGGASTR | Fugitives (4) | VOC | | |
| FUGGFRAC | Fugitives (4) | VOC | | |
| FUGGR | Fugitives (4) | VOC | | |
| FUGHDU1 | Fugitives (4) | VOC | | |
| FUGHP1 | Fugitives (4) | VOC | | |
| FUGPLAT2 | Fugitives (4) | VOC | | |
| FUGPOSTFRAC | Fugitives (4) | VOC | | |
| FUGPSA | Fugitives (4) | VOC | | |
| FUGSGP | Fugitives (4) | VOC | | |
| FUGSHCU | Fugitives (4) | VOC | | |
| FUGSR6 | Fugitives (4) | VOC | | |
| FUGSR7 | Fugitives (4) | VOC | | |
| FUGSR8 | Fugitives (4) | VOC | | |
| G308 | Storage Tank | VOC | | |
| G309 | Storage Tank | VOC | | |
| G310 | Storage Tank | VOC | | |
| G311 | Storage Tank | VOC | | |
| G313 | Storage Tank | VOC | | |
| G314 | Storage Tank | VOC | | |
| G315 | Storage Tank | VOC | | |

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 |
| G316 | Storage Tank | VOC | | |
| G317 | Storage Tank | VOC | | |
| G319 | Storage Tank | VOC | | |
| G320 | Storage Tank | VOC | | |
| G322 | Storage Tank | VOC | | |
| G323 | Storage Tank | VOC | | |
| G326 | Storage Tank | VOC | | |
| G327 | Storage Tank | VOC | | |
| G328 | Storage Tank | VOC | | |
| G329 | Storage Tank | VOC | | |
| G332 | Storage Tank | VOC | | |
| G342 | Storage Tank | VOC | | |
| G345 | Storage Tank | VOC | | |
| G346 | Storage Tank | VOC | | |
| G347 | Storage Tank | VOC | | |
| G348 | Storage Tank | VOC | | |
| G352 | Storage Tank | VOC | | |
| G354 | Storage Tank | VOC | | |
| G355 | Storage Tank | VOC | | |
| G356 | Storage Tank | VOC | | |
| G357 | Storage Tank | VOC | | |
| G358 | Storage Tank | VOC | | |
| G360 | Storage Tank | VOC | | |
| G361 | Storage Tank | VOC | | |
| GIRBOTFE | Fugitive | VOC | | |
| GIRBOTWW | Wastewater Collection | VOC | | |
| GOHTHCFUG | Fugitives (4) | VOC | | |
| GTEC2 | Analyzer | VOC | | |
| H1000 | Furnace | VOC | | |
| H1001 | Furnace | VOC | | |
| H1010 | Furnace | VOC | | |
| H1011 | Furnace | VOC | | |
| H1100 | Furnace | VOC | | |
| H1130 | Heater | VOC | | |
| H1170 | Furnace | VOC | | |
| H3300 | DHT H ₂ Heater | VOC | | |

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 |
| H5100 | Furnace | VOC | | |
| H5101 | Furnace | VOC | | |
| H5102 | Furnace | VOC | | |
| H5103 | Furnace | VOC | | |
| H5200 | Furnace | VOC | | |
| H5301/4 | Heater | VOC | | |
| H5302/3 | Heater | VOC | | |
| H5305 | Furnace | VOC | | |
| H5400 | Furnace | VOC | | |
| H5402 | Furnace | VOC | | |
| H5403 | Furnace | VOC | | |
| H5500A | Furnace | VOC | | |
| H5500B | Furnace | VOC | | |
| H5500C | Furnace | VOC | | |
| H5600 | Furnace | VOC | | |
| H600 | CO Boiler | VOC | | |
| H613 | Heater | VOC | | |
| H63000 | Heater | VOC | | |
| H775 | Heater | VOC | | |
| H8 | Heater | VOC | | |
| H850S1 | Heater | VOC | | |
| H850S2 | Heater | VOC | | |
| H9150R1 | Heater | VOC | | |
| HCOKE | Furnace | VOC | | |
| HCOKER2 | Heater | VOC | | |
| HGOHT | Furnace | VOC | | |
| HPOSTFRAC | Heater | VOC | | |
| HPREFFLASH | Heater | VOC | | |
| HPREFFLASH2 | Heater | VOC | | |
| HVIOWS | Wastewater Collection | VOC | | |
| J301B | Storage Tank | VOC | | |
| J302B | Storage Tank | VOC | | |
| J303B | Storage Tank | VOC | | |
| J304 | Storage Tank | VOC | | |
| J305B | Storage Tank | VOC | | |

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 |
| J306 | Storage Tank | VOC | | |
| J308 | Storage Tank | VOC | | |
| J309 | Storage Tank | VOC | | |
| J311 | Storage Tank | VOC | | |
| J312 | Storage Tank | VOC | | |
| J315 | Storage Tank | VOC | | |
| J316 | Storage Tank | VOC | | |
| J317 | Storage Tank | VOC | | |
| J318B (J318) | Storage Tank | VOC | | |
| J319 | Storage Tank | VOC | | |
| J322 | Storage Tank | VOC | | |
| J323 | Storage Tank | VOC | | |
| J324 | Storage Tank | VOC | | |
| J325 | Storage Tank | VOC | | |
| J326 | Storage Tank | VOC | | |
| J327 | Storage Tank | VOC | | |
| J328 | Storage Tank | VOC | | |
| J331 | Storage Tank | VOC | | |
| J332 | Storage Tank | VOC | | |
| J336 | Storage Tank | VOC | | |
| J337 | Storage Tank | VOC | | |
| J338 | Storage Tank | VOC | | |
| J340 | Storage Tank | VOC | | |
| J348 | Storage Tank | VOC | | |
| J349 | Storage Tank | VOC | | |
| K301 | Storage Tank | VOC | | |
| K302 | Storage Tank | VOC | | |
| K303 | Storage Tank | VOC | | |
| K304 | Storage Tank | VOC | | |
| K306 | Storage Tank | VOC | | |
| K310 | Storage Tank | VOC | | |
| K311 | Storage Tank | VOC | | |
| L2COMPVT | Vent | VOC | | |
| LEUOWS | Wastewater Collection | VOC | | |
| LHT1FE | Fugitive | VOC | | |

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 |
| LHT1OWS | Wastewater Collection | VOC | | |
| LHT2FE | Fugitive | VOC | | |
| LHT2OWS | Wastewater Collection | VOC | | |
| LOADOWS | Wastewater Collection | VOC | | |
| LR376-9 | Loading Rack | VOC | | |
| LUBLODFE | Fugitives (4) | VOC | | |
| LUGGERPN | Storage Tank | VOC | | |
| M301 | Storage Tank | VOC | | |
| M302 | Storage Tank | VOC | | |
| MANHOLE4 | Wastewater Collection | VOC | | |
| MVIDEASS | Wastewater Collection | VOC | | |
| MVIOWS | Wastewater Collection | VOC | | |
| N FLARE | CCU FLARE | VOC | | |
| N92252 | Storage Tank | VOC | | |
| NAB | North Aeration Basin | VOC | | |
| NDAF | Wastewater Collection | VOC | | |
| NONE2 | Storage Tank | VOC | | |
| NONE3 | Storage Tank | VOC | | |
| OWATCTF | Wastewater Collection | VOC | | |
| OWDU1 | Wastewater Collection | VOC | | |
| OWFLEX | Wastewater Collection | VOC | | |
| P301 | Storage Tank | VOC | | |
| RD502 | Storage Tank | VOC | | |
| RD503 | Storage Tank | VOC | | |
| RD504 | Storage Tank | VOC | | |
| RD505 | Storage Tank | VOC | | |
| RD506 | Storage Tank | VOC | | |
| RD507 | Storage Tank | VOC | | |
| RD508 | Storage Tank | VOC | | |
| RD509 | Storage Tank | VOC | | |
| RD510 | Storage Tank | VOC | | |
| RD511 | Storage Tank | VOC | | |
| RD512 | Storage Tank | VOC | | |
| RD513 | Storage Tank | VOC | | |
| RKLBLEND | Load | VOC | | |

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 |
| (RKLTBLEND) | | | | |
| RKLDIALA | Load | VOC | | |
| (RKLTDIALA) | | | | |
| RKLTC | Load | VOC | | |
| RKLTC/TT | Load | VOC | | |
| RKLCTTU | Load | VOC | | |
| S302 | Storage Tank | VOC | | |
| S305 | Storage Tank | VOC | | |
| S306 | Storage Tank | VOC | | |
| S307 | Storage Tank | VOC | | |
| S310 | Storage Tank | VOC | | |
| S312 | Storage Tank | VOC | | |
| S313 | Storage Tank | VOC | | |
| S318 | Storage Tank | VOC | | |
| S325 | Storage Tank | VOC | | |
| S326 | Storage Tank | VOC | | |
| S336 | Storage Tank | VOC | | |
| S339 | Storage Tank | VOC | | |
| S348 | Storage Tank | VOC | | |
| S359 | Storage Tank | VOC | | |
| S360 | Storage Tank | VOC | | |
| S395 | Storage Tank | VOC | | |
| S401 | Storage Tank | VOC | | |
| S402 | Storage Tank | VOC | | |
| S412 | Storage Tank | VOC | | |
| S429 | Storage Tank | VOC | | |
| S430 | Storage Tank | VOC | | |
| SAB | South Aeration Basin | VOC | | |
| SDAF | Wastewater Collection | VOC | | |
| SR3/4FE | SR3/4 Fugitive Emission | VOC | | |
| SR3/4WW | Wastewater Collection | VOC | | |
| SR5FUG | Fugitives (4) | VOC | | |
| SR5STACK | Tail Gas Incinerator | VOC | | |
| SR6STACK | Tail Gas Incinerator | VOC | | |
| SR7STACK | Tail Gas Incinerator | VOC | | |

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 |
| SR8STACK | Tail Gas Incinerator | VOC | | |
| SS306 | Storage Tank | VOC | | |
| SS307 | Storage Tank | VOC | | |
| SS308 | Storage Tank | VOC | | |
| SS312 | Storage Tank | VOC | | |
| SS314 | Storage Tank | VOC | | |
| SS316 | Storage Tank | VOC | | |
| SS324 | Storage Tank | VOC | | |
| SS325 | Storage Tank | VOC | | |
| SS335 | Storage Tank | VOC | | |
| SS336 | Storage Tank | VOC | | |
| SS339 | Storage Tank | VOC | | |
| SS341 | Storage Tank | VOC | | |
| SS343 | Storage Tank | VOC | | |
| SS344 | Storage Tank | VOC | | |
| SS348 | Storage Tank | VOC | | |
| SS351 | Storage Tank | VOC | | |
| SS352 | Storage Tank | VOC | | |
| SS356 | Storage Tank | VOC | | |
| SS364 | Storage Tank | VOC | | |
| SS375 | Storage Tank | VOC | | |
| SS375 | Storage Tank | VOC | | |
| SS376 | Storage Tank | VOC | | |
| SS377 | Storage Tank | VOC | | |
| SS378 | Storage Tank | VOC | | |
| SS379 | Storage Tank | VOC | | |
| SS388 | Storage Tank | VOC | | |
| SS396 | Storage Tank | VOC | | |
| SS403 | Storage Tank | VOC | | |
| SS425 | Storage Tank | VOC | | |
| ST1400 | Storage Tank | VOC | | |
| T1211 | Storage Tank | VOC | | |
| T1212 | Storage Tank | VOC | | |
| T1710 | Storage Tank | VOC | | |
| T1F323 | Storage Tank | VOC | | |

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 |
| T1F324 | Storage Tank | VOC | | |
| T1F329 | Storage Tank | VOC | | |
| T1F330 | Storage Tank | VOC | | |
| T1F348 | Storage Tank | VOC | | |
| T301 | Storage Tank | VOC | | |
| T302 | Storage Tank | VOC | | |
| T315 | Storage Tank | VOC | | |
| T59 | Storage Tank | VOC | | |
| T93002 | Storage Tank | VOC | | |
| T93402 | Storage Tank | VOC | | |
| TA301 | Storage Tank | VOC | | |
| TA305 | Storage Tank | VOC | | |
| TA306 | Storage Tank | VOC | | |
| TA307 | Storage Tank | VOC | | |
| TA310 | Storage Tank | VOC | | |
| TA311 | Storage Tank | VOC | | |
| TA312 | Storage Tank | VOC | | |
| TA313 | Storage Tank | VOC | | |
| TA315 | Storage Tank | VOC | | |
| TA316 | Storage Tank | VOC | | |
| TA317 | Storage Tank | VOC | | |
| TA318 | Storage Tank | VOC | | |
| TA319 | Storage Tank | VOC | | |
| TA320 | Storage Tank | VOC | | |
| TA321 | Storage Tank | VOC | | |
| TA322 | Storage Tank | VOC | | |
| TA324 | Storage Tank | VOC | | |
| TA325 | Storage Tank | VOC | | |
| TA326 | Storage Tank | VOC | | |
| TA329 | Storage Tank | VOC | | |
| TA330 | Storage Tank | VOC | | |
| TA331 | Storage Tank | VOC | | |
| TA332 | Storage Tank | VOC | | |
| TA334 | Storage Tank | VOC | | |
| TC&G | Wastewater Collection | VOC | | |

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 |
| TCACIDLOAD | Tank Car Loading | VOC | | |
| TG324 | Storage Tank | VOC | | |
| TG362 | Storage Tank | VOC | | |
| TJ333 | Storage Tank | VOC | | |
| TJ334 | Storage Tank | VOC | | |
| TJ335 | Storage Tank | VOC | | |
| TJ339R1 | Storage Tank | VOC | | |
| TK305 | Storage Tank | VOC | | |
| TRKLFIL | Wastewater Collection | VOC | | |
| TRKLSMP | Wastewater Collection | VOC | | |
| U301 | Storage Tank | VOC | | |
| U302 | Storage Tank | VOC | | |
| V1047 | Vent | VOC | | |
| V1111 | Storage Tank | VOC | | |
| V1138 | Vent | VOC | | |
| V1428 | Vessel | VOC | | |
| V54 | Vessel | VOC | | |
| V5518 | Vent | VOC | | |
| V5527 | Column | VOC | | |
| V731 | Vent | VOC | | |
| V8601 | Analyzer | VOC | | |
| V9160 | Vent | VOC | | |
| VA01 | Storage Tank | VOC | | |
| VA02 | Storage Tank | VOC | | |
| VA03 | Storage Tank | VOC | | |
| VA04 | Storage Tank | VOC | | |
| VA21 | Storage Tank | VOC | | |
| VA22 | Storage Tank | VOC | | |
| VA41 | Storage Tank | VOC | | |
| VA42 | Storage Tank | VOC | | |
| WAXPTOWS | Wastewater Collection | VOC | | |
| WAXPTWAX | Wastewater Collection | VOC | | |
| WAXSKMC | Wastewater Collection | VOC | | |
| WBTF | Fugitives (4) | VOC | | |
| WPFLARE | West Property Flare | VOC | | |

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

| | | | | |
|----------------------------|-----------------------|-----|--------|--------|
| WX227 | Storage Tank | VOC | | |
| WX285 | Storage Tank | VOC | | |
| X2HDU1 | Storage Tank | VOC | | |
| X311 | Storage Tank | VOC | | |
| X312 | Storage Tank | VOC | | |
| X313 | Storage Tank | VOC | | |
| X315 | Storage Tank | VOC | | |
| X316 | Wastewater Collection | VOC | | |
| X320 | Storage Tank | VOC | | |
| X321 | Storage Tank | VOC | | |
| X324 | Storage Tank | VOC | | |
| X325 | Storage Tank | VOC | | |
| X326 | Storage Tank | VOC | | |
| X327 | Storage Tank | VOC | | |
| X328 | Storage Tank | VOC | | |
| X330 | Wastewater Collection | VOC | | |
| X330SM | Wastewater Collection | VOC | | |
| 2005 INTERIM CAP | | VOC | 2257.6 | 3118.6 |
| FINAL EMISSIONS CAP | | VOC | 2204.2 | 3094.6 |

N FLARE For Maintenance and Emergency Use Only

- (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
H₂S - hydrogen sulfide
NH₃ - ammonia
NO_x - nitrogen oxides
PM - particulate matter, suspended in the atmosphere, including PM₁₀
PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

shall be assumed that no particulate matter greater than 10 microns is emitted.

SO₂ - 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.

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

Hrs/day____ Days/week____ Weeks/year____ or Hrs/year 8,760

Dated _____