

# ATTACHMENT A

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES EMISSION CAPS

Permit No. 21262

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
AR214	Analyzer	Benzene		
AR299	Analyzer	Benzene		
AR300	Analyzer	Benzene		
CR3AN1	Analyzer	Benzene		
CR3AN2	Analyzer	Benzene		
COKEHCFUG	Fugitives (4)	Benzene		
DOCKF	Fugitives (4)	Benzene		
ENVNOF	Fugitives (4)	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		
FUGGFRAC	Fugitives (4)	Benzene		
FUGGR	Fugitives (4)	Benzene		
FUGHDU1	Fugitives (4)	Benzene		
FUGHP1	Fugitives (4)	Benzene		
FUGPLAT2	Fugitives (4)	Benzene		
FUGSGP	Fugitives (4)	Benzene		
FUGSHCU	Fugitives (4)	Benzene		

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AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates
Point No. (1)	Name (2)	Name (3)	lb/hrTPY
FUGSR6	Fugitives (4)	Benzene	
FUGSR7	Fugitives (4)	Benzene	
GOHTHCFUG	Fugitives (4)	Benzene	
BENZENE1	Marine Loading	Benzene	
BENZENE2	Marine Loading	Benzene	
BENZENE4	Marine Loading	Benzene	
DOCK1	Marine Loading	Benzene	
DOCK2	Marine Loading	Benzene	
DOCK4	Marine Loading	Benzene	
BARGE	Marine Loading	Benzene	
CRUDE	Marine Loading	Benzene	
A308	Storage Tank	Benzene	
A309	Storage Tank	Benzene	
AP16	Storage Tank	Benzene	
AP17	Storage Tank	Benzene	
AP6	Storage Tank	Benzene	
AP8	Storage Tank	Benzene	
F314	Storage Tank	Benzene	
F315	Storage Tank	Benzene	
F316	Storage Tank	Benzene	
F317	Storage Tank	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	
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	

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<u>Emission</u> *	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission Rates</u>
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hrTPY</u>
G342	Storage Tank	Benzene	
G346	Storage Tank	Benzene	
G348	Storage Tank	Benzene	
G355	Storage Tank	Benzene	
G357	Storage Tank	Benzene	
G358	Storage Tank	Benzene	
G360	Storage Tank	Benzene	
J303B	Storage Tank	Benzene	
J304	Storage Tank	Benzene	
J308	Storage Tank	Benzene	
J309	Storage Tank	Benzene	
J312	Storage Tank	Benzene	
J315	Storage Tank	Benzene	
J316	Storage Tank	Benzene	
J317	Storage Tank	Benzene	
J319	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	
J337	Storage Tank	Benzene	
J338	Storage Tank	Benzene	
J348	Storage Tank	Benzene	
J349	Storage Tank	Benzene	
K303	Storage Tank	Benzene	
K304	Storage Tank	Benzene	
L301	Storage Tank	Benzene	
L302	Storage Tank	Benzene	
S412	Storage Tank	Benzene	

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Emission *	Source	Air Contaminant	Emission Rates
Point No. (1)	Name (2)	Name (3)	lb/hrTPY
SS376	Storage Tank	Benzene	
SS377	Storage Tank	Benzene	
SS378	Storage Tank	Benzene	
SS379	Storage Tank	Benzene	
T1F329	Storage Tank	Benzene	
T1F330	Storage Tank	Benzene	
TA301	Storage Tank	Benzene	
TA307	Storage Tank	Benzene	
TA313	Storage Tank	Benzene	
TA314	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	
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	
TG362	Storage Tank	Benzene	
TJ321	Storage Tank	Benzene	
TJ333	Storage Tank	Benzene	
TJ334	Storage Tank	Benzene	
TJ335	Storage Tank	Benzene	
TJ339	Storage Tank	Benzene	
TK305	Storage Tank	Benzene	
X315	Storage Tank	Benzene	

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hrTPY	
X320	Storage Tank	Benzene		
X321	Storage Tank	Benzene		
FUGDU1	Fugitives (4)	Benzene		
LHT1FE	Fugitives (4)	Benzene		
LHT2FE	Fugitives (4)	Benzene		
T1F323	Storage Tank	Benzene		
T1F324	Storage Tank	Benzene		
TA305	Storage Tank	Benzene		
TA306	Storage Tank	Benzene		
TA310	Storage Tank	Benzene		
TA311	Storage Tank	Benzene		
TA312	Storage Tank	Benzene		
TA321	Storage Tank	Benzene		
TA322	Storage Tank	Benzene		
TG324	Storage Tank	Benzene		
SS301	Storage Tank	Benzene		
SS403	Storage Tank	Benzene		
J310	Storage Tank	Benzene		
J311	Storage Tank	Benzene		
F338	Storage Tank	Benzene		

INITIAL EMISSIONS CAP	Benzene	22.4	42.4
FINAL EMISSIONS CAP	Benzene	13.3	32.5

WPFLARE	West Property Flare	CO
COKEFLARE	Coker Flare	CO
FLNFLARE	North Property Flare	CO
EPFLARE	East Property Flare	CO
H1000	Furnace	CO
H1001	Furnace	CO
H1010	Furnace	CO

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<u>Emission</u> *	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission Rates</u>
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hrTPY</u>
H1011	Furnace	CO	
H1100	Furnace	CO	
H1170	Furnace	CO	
H5100	Furnace	CO	
H5101	Furnace	CO	
H5102	Furnace	CO	
H5103	Furnace	CO	
H5200	Furnace	CO	
H5301	Furnace	CO	
H5302	Furnace	CO	
H5303	Furnace	CO	
H5304	Furnace	CO	
H5305	Furnace	CO	
H5400	Furnace	CO	
H5402	Furnace	CO	
H5403	Furnace	CO	
H5500A	Furnace	CO	
H5500B	Furnace	CO	
H5500C	Furnace	CO	
H600	CO Boiler	CO	
HCOKE	Furnace	CO	
HGOHT	Furnace	CO	
H5600	Furnace	CO	
A1660B	SR-3/4 Incinerator	CO	
SR5STACK	Tail Gas Incinerator	CO	
SR6STACK	Tail Gas Incinerator	CO	
SR7STACK	Tail Gas Incinerator	CO	
AE2340	Engine	CO	
AE2636	Engine	CO	
AE2650	Engine	CO	
AE348	Engine	CO	
AE349	Engine	CO	

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<u>Emission</u> *	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hrTPY</u>	
AE388	Engine	CO		
AE389	Engine	CO		
AE700	Engine	CO		
AE768	Engine	CO		
C070	Engine	CO		
C093	Engine	CO		
C094	Engine	CO		
C095	Engine	CO		
H9150	Heater	CO		
H8	Heater	CO		
H613	Heater	CO		
H753	Heater	CO		
H754	Heater	CO		
H755	Heater	CO		
H775	Heater	CO		
H780	Heater	CO		
H781	Heater	CO		
H850S1	Heater	CO		
H1130	Heater	CO		
H63000	Heater	CO		
A1005	Flare	CO		
FLARELHT	Flare	CO		
FLARELUB	Flare	CO		
H850S2	Heater	CO		
A1006	Vent	CO		

INITIAL EMISSIONS CAP	CO	1214.9	5318.5
FINAL EMISSIONS CAP	CO	1214.9	5318.5

V8601	Analyzer	H <sub>2</sub> S
A1284	Analyzer	H <sub>2</sub> S

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Emission *	Source	Air Contaminant	Emission Rates
Point No. (1)	Name (2)	Name (3)	lb/hrTPY
A1746N	Analyzer	H <sub>2</sub> S	
A1760	Analyzer	H <sub>2</sub> S	
A3344	Analyzer	H <sub>2</sub> S	
A422	Analyzer	H <sub>2</sub> S	
A759	Analyzer	H <sub>2</sub> S	
EPFLARE	East Property Flare	H <sub>2</sub> S	
WPFLARE	West Property Flare	H <sub>2</sub> S	
COKEHCFUG	Fugitives (4)	H <sub>2</sub> S	
DOCKF	Fugitives (4)	H <sub>2</sub> S	
FEALKY	Fugitives (4)	H <sub>2</sub> S	
FEFUGDISP	Fugitives (4)	H <sub>2</sub> S	
FEFUGDU2	Fugitives (4)	H <sub>2</sub> S	
FEFUGTHCR	Fugitives (4)	H <sub>2</sub> S	
FUGCCU	Fugitives (4)	H <sub>2</sub> S	
FUGCFH	Fugitives (4)	H <sub>2</sub> S	
FUGCR3	Fugitives (4)	H <sub>2</sub> S	
FUGCR3TF	Fugitives (4)	H <sub>2</sub> S	
FUGDHT	Fugitives (4)	H <sub>2</sub> S	
FUGGFRAC	Fugitives (4)	H <sub>2</sub> S	
FUGGR	Fugitives (4)	H <sub>2</sub> S	
FUGHDU1	Fugitives (4)	H <sub>2</sub> S	
FUGHP1	Fugitives (4)	H <sub>2</sub> S	
FUGPLAT2	Fugitives (4)	H <sub>2</sub> S	
FUGSGP	Fugitives (4)	H <sub>2</sub> S	
FUGSHCU	Fugitives (4)	H <sub>2</sub> S	
FUGSR6	Fugitives (4)	H <sub>2</sub> S	
FUGSR7	Fugitives (4)	H <sub>2</sub> S	
GOHTHCFUG	Fugitives (4)	H <sub>2</sub> S	
SR5FUG	Fugitives (4)	H <sub>2</sub> S	
A1660B	SR-3/4 Incinerator	H <sub>2</sub> S	
SR5STACK	Tail Gas Incinerator	H <sub>2</sub> S	
SR6STACK	Tail Gas Incinerator	H <sub>2</sub> S	



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Emission *	Source	Air Contaminant	Emission Rates
Point No. (1)	Name (2)	Name (3)	lb/hrTPY
SR7STACK	Tail Gas Incinerator	H <sub>2</sub> S	
BENZENE1	Marine Loading	H <sub>2</sub> S	
BENZENE2	Marine Loading	H <sub>2</sub> S	
BENZENE4	Marine Loading	H <sub>2</sub> S	
DOCK1	Marine Loading	H <sub>2</sub> S	
DOCK2	Marine Loading	H <sub>2</sub> S	
DOCK4	Marine Loading	H <sub>2</sub> S	
BARGE	Marine Loading	H <sub>2</sub> S	
CRUDE	Marine Loading	H <sub>2</sub> S	
LDSULF67	SR6 & SR7 Loading Rack	H <sub>2</sub> S	
SR5LO1	SR5 Loading Rack	H <sub>2</sub> S	
SR5LO2	SR5 Loading Rack	H <sub>2</sub> S	
SRTT	SR3/4 Loading Rack	H <sub>2</sub> S	
TSR67	Molten Sulfur Tank	H <sub>2</sub> S	
SR3/4PIT	SR3/4 Sulfur Pit	H <sub>2</sub> S	
SULFUR	SR5 Sulfur Pit	H <sub>2</sub> S	
AP16	Storage Tank	H <sub>2</sub> S	
AP17	Storage Tank	H <sub>2</sub> S	
F340	Storage Tank	H <sub>2</sub> S	
J317	Storage Tank	H <sub>2</sub> S	
J318B	Storage Tank	H <sub>2</sub> S	
J325	Storage Tank	H <sub>2</sub> S	
J326	Storage Tank	H <sub>2</sub> S	
J327	Storage Tank	H <sub>2</sub> S	
J328	Storage Tank	H <sub>2</sub> S	
J331	Storage Tank	H <sub>2</sub> S	
J332	Storage Tank	H <sub>2</sub> S	
J348	Storage Tank	H <sub>2</sub> S	
J349	Storage Tank	H <sub>2</sub> S	
S339	Storage Tank	H <sub>2</sub> S	
S429	Storage Tank	H <sub>2</sub> S	
SS343	Storage Tank	H <sub>2</sub> S	

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<u>Emission</u> *	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission Rates</u>
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hrTPY</u>
TA301	Storage Tank	H <sub>2</sub> S	
TA307	Storage Tank	H <sub>2</sub> S	
TA313	Storage Tank	H <sub>2</sub> S	
TA314	Storage Tank	H <sub>2</sub> S	
TA315	Storage Tank	H <sub>2</sub> S	
TA316	Storage Tank	H <sub>2</sub> S	
TA317	Storage Tank	H <sub>2</sub> S	
TA318	Storage Tank	H <sub>2</sub> S	
TA319	Storage Tank	H <sub>2</sub> S	
TA320	Storage Tank	H <sub>2</sub> S	
TA324	Storage Tank	H <sub>2</sub> S	
TA325	Storage Tank	H <sub>2</sub> S	
TA326	Storage Tank	H <sub>2</sub> S	
TA329	Storage Tank	H <sub>2</sub> S	
TA330	Storage Tank	H <sub>2</sub> S	
TA331	Storage Tank	H <sub>2</sub> S	
TA332	Storage Tank	H <sub>2</sub> S	
TA334	Storage Tank	H <sub>2</sub> S	
TG362	Storage Tank	H <sub>2</sub> S	
TJ321	Storage Tank	H <sub>2</sub> S	
TJ339	Storage Tank	H <sub>2</sub> S	
A1005	Flare	H <sub>2</sub> S	
FLARELHT	Flare	H <sub>2</sub> S	
FLARELUB	Flare	H <sub>2</sub> S	
HVIFE	Fugitive	H <sub>2</sub> S	
FUGDU1	Fugitive	H <sub>2</sub> S	
MVIFE	Fugitive	H <sub>2</sub> S	
GIRBOTFE	Fugitive	H <sub>2</sub> S	
LHT1FE	Fugitive	H <sub>2</sub> S	
LHT2FE	Fugitive	H <sub>2</sub> S	
V1813	Vent	H <sub>2</sub> S	
C9150/51	Vent	H <sub>2</sub> S	

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AIR CONTAMINANTS DATA

<u>Emission</u> *	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission Rates</u>
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hrTPY</u>
C9150/51	Vent	H <sub>2</sub> S	
C9152/53	Vent	H <sub>2</sub> S	
C9152/53	Vent	H <sub>2</sub> S	
L2COMPVT	Vent	H <sub>2</sub> S	
RKLTC/TT	Load	H <sub>2</sub> S	
TA305	Storage Tank	H <sub>2</sub> S	
TA306	Storage Tank	H <sub>2</sub> S	
TA310	Storage Tank	H <sub>2</sub> S	
TA311	Storage Tank	H <sub>2</sub> S	
TA312	Storage Tank	H <sub>2</sub> S	
TA321	Storage Tank	H <sub>2</sub> S	
TA322	Storage Tank	H <sub>2</sub> S	
TG324	Storage Tank	H <sub>2</sub> S	
DW214	Storage Tank	H <sub>2</sub> S	
DW129	Storage Tank	H <sub>2</sub> S	
DW113	Storage Tank	H <sub>2</sub> S	
DW114	Storage Tank	H <sub>2</sub> S	
EX91	Storage Tank	H <sub>2</sub> S	
EX92	Storage Tank	H <sub>2</sub> S	
EX93	Storage Tank	H <sub>2</sub> S	
EX94	Storage Tank	H <sub>2</sub> S	
EX95	Storage Tank	H <sub>2</sub> S	
EX96	Storage Tank	H <sub>2</sub> S	
EX97	Storage Tank	H <sub>2</sub> S	
US141	Storage Tank	H <sub>2</sub> S	
US142	Storage Tank	H <sub>2</sub> S	
US143	Storage Tank	H <sub>2</sub> S	
US144	Storage Tank	H <sub>2</sub> S	
US145	Storage Tank	H <sub>2</sub> S	
US149	Storage Tank	H <sub>2</sub> S	
US150	Storage Tank	H <sub>2</sub> S	
VA03	Storage Tank	H <sub>2</sub> S	

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<u>Emission</u> *	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission Rates</u>
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hrTPY</u>
VA04	Storage Tank	H <sub>2</sub> S	
VA15	Storage Tank	H <sub>2</sub> S	
VA16	Storage Tank	H <sub>2</sub> S	
VA21	Storage Tank	H <sub>2</sub> S	
VA22	Storage Tank	H <sub>2</sub> S	
VA23	Storage Tank	H <sub>2</sub> S	
VA24	Storage Tank	H <sub>2</sub> S	
VA28	Storage Tank	H <sub>2</sub> S	
VA40	Storage Tank	H <sub>2</sub> S	
VA41	Storage Tank	H <sub>2</sub> S	
VA42	Storage Tank	H <sub>2</sub> S	
VA43	Storage Tank	H <sub>2</sub> S	
FP187	Storage Tank	H <sub>2</sub> S	
FP188	Storage Tank	H <sub>2</sub> S	

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<u>Emission</u> *	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hrTPY</u>	
J329	Storage Tank	H <sub>2</sub> S		
F338	Storage Tank	H <sub>2</sub> S		

INITIAL EMISSIONS CAP	H <sub>2</sub> S	40.3	137.2
FINAL EMISSIONS CAP	H <sub>2</sub> S	34.5	112.3

COKEHCFUG	Fugitives (4)	NH <sub>3</sub>
DOCKF	Fugitives (4)	NH <sub>3</sub>
FEFUGDISP	Fugitives (4)	NH <sub>3</sub>
FEFUGDU2	Fugitives (4)	NH <sub>3</sub>
FUGCCU	Fugitives (4)	NH <sub>3</sub>
FUGHDU1	Fugitives (4)	NH <sub>3</sub>
FUGSR6	Fugitives (4)	NH <sub>3</sub>
FUGSR7	Fugitives (4)	NH <sub>3</sub>
HVIFE	Fugitives (4)	NH <sub>3</sub>
MVIFE	Fugitives (4)	NH <sub>3</sub>

INITIAL EMISSIONS CAP	NH <sub>3</sub>	0.12	0.54
FINAL EMISSIONS CAP	NH <sub>3</sub>	0.12	0.51

COKEFLARE	Coker Flare	NO <sub>x</sub>
EPFLARE	East Property Flare	NO <sub>x</sub>
FLNFLARE	North Property Flare	NO <sub>x</sub>
WPFLARE	West Property Flare	NO <sub>x</sub>
H1000	Furnace	NO <sub>x</sub>
H1001	Furnace	NO <sub>x</sub>
H1010	Furnace	NO <sub>x</sub>
H1011	Furnace	NO <sub>x</sub>
H1100	Furnace	NO <sub>x</sub>
H1170	Furnace	NO <sub>x</sub>

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hrTPY</u>
H5100	Furnace	NO <sub>x</sub>	
H5101	Furnace	NO <sub>x</sub>	
H5102	Furnace	NO <sub>x</sub>	
H5103	Furnace	NO <sub>x</sub>	
H5200	Furnace	NO <sub>x</sub>	
H5301	Furnace	NO <sub>x</sub>	
H5302	Furnace	NO <sub>x</sub>	
H5303	Furnace	NO <sub>x</sub>	
H5304	Furnace	NO <sub>x</sub>	
H5305	Furnace	NO <sub>x</sub>	
H5400	Furnace	NO <sub>x</sub>	
H5402	Furnace	NO <sub>x</sub>	
H5403	Furnace	NO <sub>x</sub>	
H5500A	Furnace	NO <sub>x</sub>	
H5500B	Furnace	NO <sub>x</sub>	
H5500C	Furnace	NO <sub>x</sub>	
H600	CO Boiler	NO <sub>x</sub>	
HCOKE	Furnace	NO <sub>x</sub>	
HGOHT	Furnace	NO <sub>x</sub>	
H5600	Furnace	NO <sub>x</sub>	
A1660B	SR-3/4 Incinerator	NO <sub>x</sub>	
SR5STACK	Tail Gas Incinerator	NO <sub>x</sub>	
SR6STACK	Tail Gas Incinerator	NO <sub>x</sub>	
SR7STACK	Tail Gas Incinerator	NO <sub>x</sub>	
AE2340	Engine	NO <sub>x</sub>	
AE2636	Engine	NO <sub>x</sub>	
AE2650	Engine	NO <sub>x</sub>	
AE348	Engine	NO <sub>x</sub>	
AE349	Engine	NO <sub>x</sub>	
AE388	Engine	NO <sub>x</sub>	
AE389	Engine	NO <sub>x</sub>	
AE700	Engine	NO <sub>x</sub>	
AE768	Engine	NO <sub>x</sub>	
C070	Engine	NO <sub>x</sub>	
C093	Engine	NO <sub>x</sub>	
C094	Engine	NO <sub>x</sub>	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES  
EMISSION CAPS

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
C095	Engine	NO <sub>x</sub>		
H9150	Heater	NO <sub>x</sub>		
H8	Heater	NO <sub>x</sub>		
H613	Heater	NO <sub>x</sub>		
H753	Heater	NO <sub>x</sub>		
H754	Heater	NO <sub>x</sub>		
H755	Heater	NO <sub>x</sub>		
H775	Heater	NO <sub>x</sub>		
H780	Heater	NO <sub>x</sub>		
H781	Heater	NO <sub>x</sub>		
H850S1	Heater	NO <sub>x</sub>		
H1130	Heater	NO <sub>x</sub>		
H63000	Heater	NO <sub>x</sub>		
A1005	Flare	NO <sub>x</sub>		
FLARELHT	Flare	NO <sub>x</sub>		
FLARELUB	Flare	NO <sub>x</sub>		
H850S2	Heater	NO <sub>x</sub>		

INITIAL EMISSIONS CAP	NO <sub>x</sub>	811.8	3551.3
<b>FINAL EMISSIONS CAP</b>	NO <sub>x</sub>	772.5	3254.4

COKEFLARE	Coker Flare	PM
COKEPMFUG1	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
H1000	Furnace	PM
H1001	Furnace	PM
H1010	Furnace	PM
H1011	Furnace	PM

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES  
EMISSION CAPS

AIR CONTAMINANTS DATA

<u>Emission</u> *	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission Rates</u>
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hrTPY</u>
H1100	Furnace	PM	
H1170	Furnace	PM	
H5100	Furnace	PM	
H5101	Furnace	PM	
H5102	Furnace	PM	
H5103	Furnace	PM	
H5200	Furnace	PM	
H5301	Furnace	PM	
H5302	Furnace	PM	
H5303	Furnace	PM	
H5304	Furnace	PM	
H5305	Furnace	PM	
H5400	Furnace	PM	
H5402	Furnace	PM	
H5403	Furnace	PM	
H5500A	Furnace	PM	
H5500B	Furnace	PM	
H5500C	Furnace	PM	
H600	CO Boiler	PM	
HCOKE	Furnace	PM	
HGOHT	Furnace	PM	
H5600	Furnace	PM	
A1660B	SR-3/4 Incinerator	PM	
SR5STACK	Tail Gas Incinerator	PM	
SR6STACK	Tail Gas Incinerator	PM	
SR7STACK	Tail Gas Incinerator	PM	
AE2340	Engine	PM	
AE2636	Engine	PM	
AE2650	Engine	PM	
AE348	Engine	PM	
AE349	Engine	PM	
AE388	Engine	PM	



EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES  
 EMISSION CAPS

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates
Point No. (1)	Name (2)	Name (3)	lb/hrTPY
AE389	Engine	PM	
AE700	Engine	PM	
AE768	Engine	PM	
C070	Engine	PM	
C093	Engine	PM	
C094	Engine	PM	
C095	Engine	PM	
H9150	Heater	PM	
H8	Heater	PM	
H613	Heater	PM	
H753	Heater	PM	
H754	Heater	PM	
H755	Heater	PM	
H775	Heater	PM	
H780	Heater	PM	
H781	Heater	PM	
H850S1	Heater	PM	
H1130	Heater	PM	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES  
EMISSION CAPS

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hrTPY	
H63000	Heater	PM		
H850S2	Heater	PM		

INITIAL EMISSIONS CAP	PM	199.9	863.7
FINAL EMISSIONS CAP	PM	86.0	364.9

COKEFLARE	Coker Flare	SO <sub>2</sub>
EPFLARE	East Property Flare	SO <sub>2</sub>
WPFLARE	West Property Flare	SO <sub>2</sub>
H1000	Furnace	SO <sub>2</sub>
H1001	Furnace	SO <sub>2</sub>
H1010	Furnace	SO <sub>2</sub>
H1011	Furnace	SO <sub>2</sub>
H1100	Furnace	SO <sub>2</sub>
H1170	Furnace	SO <sub>2</sub>
H5100	Furnace	SO <sub>2</sub>
H5101	Furnace	SO <sub>2</sub>
H5102	Furnace	SO <sub>2</sub>
H5103	Furnace	SO <sub>2</sub>
H5200	Furnace	SO <sub>2</sub>
H5301	Furnace	SO <sub>2</sub>
H5302	Furnace	SO <sub>2</sub>
H5303	Furnace	SO <sub>2</sub>
H5304	Furnace	SO <sub>2</sub>
H5305	Furnace	SO <sub>2</sub>
H5400	Furnace	SO <sub>2</sub>
H5402	Furnace	SO <sub>2</sub>
H5403	Furnace	SO <sub>2</sub>
H5500A	Furnace	SO <sub>2</sub>
H5500B	Furnace	SO <sub>2</sub>
H5500C	Furnace	SO <sub>2</sub>

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES  
EMISSION CAPS

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates
Point No. (1)	Name (2)	Name (3)	lb/hrTPY
H600	CO Boiler	SO <sub>2</sub>	
HCOKE	Furnace	SO <sub>2</sub>	
HGOHT	Furnace	SO <sub>2</sub>	
H5600	Furnace	SO <sub>2</sub>	
A1660B	SR-3/4 Incinerator	SO <sub>2</sub>	
SR5STACK	Tail Gas Incinerator	SO <sub>2</sub>	
SR6STACK	Tail Gas Incinerator	SO <sub>2</sub>	
SR7STACK	Tail Gas Incinerator	SO <sub>2</sub>	
AE2340	Engine	SO <sub>2</sub>	
AE2636	Engine	SO <sub>2</sub>	
AE2650	Engine	SO <sub>2</sub>	
AE348	Engine	SO <sub>2</sub>	
AE349	Engine	SO <sub>2</sub>	
AE388	Engine	SO <sub>2</sub>	
AE389	Engine	SO <sub>2</sub>	
AE700	Engine	SO <sub>2</sub>	
AE768	Engine	SO <sub>2</sub>	
C070	Engine	SO <sub>2</sub>	
C093	Engine	SO <sub>2</sub>	
C094	Engine	SO <sub>2</sub>	
C095	Engine	SO <sub>2</sub>	
H9150	Heater	SO <sub>2</sub>	
H8	Heater	SO <sub>2</sub>	
H613	Heater	SO <sub>2</sub>	
H753	Heater	SO <sub>2</sub>	
H754	Heater	SO <sub>2</sub>	
H755	Heater	SO <sub>2</sub>	
H775	Heater	SO <sub>2</sub>	
H780	Heater	SO <sub>2</sub>	
H781	Heater	SO <sub>2</sub>	
H850S1	Heater	SO <sub>2</sub>	
H1130	Heater	SO <sub>2</sub>	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES  
EMISSION CAPS

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hrTPY	
H63000	Heater	SO <sub>2</sub>		
A1005	Flare	SO <sub>2</sub>		
FLARELHT	Flare	SO <sub>2</sub>		
FLARELUB	Flare	SO <sub>2</sub>		
H850S2	Heater	SO <sub>2</sub>		

INITIAL EMISSIONS CAP	SO <sub>2</sub>	3392.8	14625.8
FINAL EMISSIONS CAP	SO <sub>2</sub>	3042.8	12864.6

TCACIDLOAD	Tank Car Loading	VOC
V8601	Analyzer	VOC
A102	Analyzer	VOC
A1284	Analyzer	VOC
A1746N	Analyzer	VOC
A1760	Analyzer	VOC
A214	Analyzer	VOC
A3344	Analyzer	VOC
A422	Analyzer	VOC
A554	Analyzer	VOC
A759	Analyzer	VOC
AR299	Analyzer	VOC
AR300	Analyzer	VOC
CR3AN1	Analyzer	VOC
CR3AN2	Analyzer	VOC
H600	CO Boiler	VOC
V5527	Column	VOC
CWT7	Cooling Tower (4)	VOC
CWT9	Cooling Tower (4)	VOC
CWT10	Cooling Tower (4)	VOC
CWT11	Cooling Tower (4)	VOC
CWT12	Cooling Tower (4)	VOC

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES  
EMISSION CAPS

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates
Point No. (1)	Name (2)	Name (3)	lb/hrTPY
CWT15	Cooling Tower (4)	VOC	
CWT16/16A	Cooling Tower (4)	VOC	
CWT17	Cooling Tower (4)	VOC	
COKEFLARE	Coker Flare	VOC	
EPFLARE	East Property Flare	VOC	
FLNFLARE	North Property Flare	VOC	
WPFLARE	West Property Flare	VOC	
COKEHCFUG	Fugitives (4)	VOC	
DOCKF	Fugitives (4)	VOC	
ENVNOF	Fugitives (4)	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	
FUGCCU	Fugitives (4)	VOC	
FUGCFH	Fugitives (4)	VOC	
FUGCR3	Fugitives (4)	VOC	
FUGCR3TF	Fugitives (4)	VOC	
FUGDHT	Fugitives (4)	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	
FUGSGP	Fugitives (4)	VOC	
FUGSHCU	Fugitives (4)	VOC	
FUGSR6	Fugitives (4)	VOC	
FUGSR7	Fugitives (4)	VOC	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES  
EMISSION CAPS

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates
Point No. (1)	Name (2)	Name (3)	lb/hrTPY
GOHTHCFUG	Fugitives (4)	VOC	
SR5FUG	Fugitives (4)	VOC	
WBTF	Fugitives (4)	VOC	
H1000	Furnace	VOC	
H1001	Furnace	VOC	
H1010	Furnace	VOC	
H1011	Furnace	VOC	
H1100	Furnace	VOC	
H1170	Furnace	VOC	
H5100	Furnace	VOC	
H5101	Furnace	VOC	
H5102	Furnace	VOC	
H5103	Furnace	VOC	
H5200	Furnace	VOC	
H5301	Furnace	VOC	
H5302	Furnace	VOC	
H5303	Furnace	VOC	
H5304	Furnace	VOC	
H5305	Furnace	VOC	
H5400	Furnace	VOC	
H5402	Furnace	VOC	
H5403	Furnace	VOC	
H5500A	Furnace	VOC	
H5500B	Furnace	VOC	
H5500C	Furnace	VOC	
HCOKE	Furnace	VOC	
HGOHT	Furnace	VOC	
H5600	Furnace	VOC	
A1660B	SR-3/4 Incinerator	VOC	
SR5STACK	Tail Gas Incinerator	VOC	
SR6STACK	Tail Gas Incinerator	VOC	
SR7STACK	Tail Gas Incinerator	VOC	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES  
EMISSION CAPS

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates
Point No. (1)	Name (2)	Name (3)	lb/hrTPY
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	
C070	Engine	VOC	
C093	Engine	VOC	
C094	Engine	VOC	
C095	Engine	VOC	
BARGE	Marine Loading	VOC	
BENZENE1	Marine Loading	VOC	
BENZENE2	Marine Loading	VOC	
BENZENE4	Marine Loading	VOC	
CRUDE	Marine Loading	VOC	
DOCK1	Marine Loading	VOC	
DOCK2	Marine Loading	VOC	
DOCK4	Marine Loading	VOC	
LR376-9	Loading Rack	VOC	
A308	Storage Tank	VOC	
A309	Storage Tank	VOC	
AP1	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	
AP16	Storage Tank	VOC	
AP17	Storage Tank	VOC	
F301	Storage Tank	VOC	
F302	Storage Tank	VOC	
F304	Storage Tank	VOC	
F314	Storage Tank	VOC	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES  
EMISSION CAPS

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates
Point No. (1)	Name (2)	Name (3)	lb/hrTPY
F315	Storage Tank	VOC	
F316	Storage Tank	VOC	
F317	Storage Tank	VOC	
F325	Storage Tank	VOC	
F326	Storage Tank	VOC	
F340	Storage Tank	VOC	
F364	Storage Tank	VOC	
F365	Storage Tank	VOC	
F366	Storage Tank	VOC	
F367	Storage Tank	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	
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	



EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES  
EMISSION CAPS

AIR CONTAMINANTS DATA

<u>Emission</u> *	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission Rates</u>
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hrTPY</u>
G348	Storage Tank	VOC	
G352	Storage Tank	VOC	
G354	Storage Tank	VOC	
G355	Storage Tank	VOC	
G357	Storage Tank	VOC	
G358	Storage Tank	VOC	
G360	Storage Tank	VOC	
G361	Storage Tank	VOC	
J301B	Storage Tank	VOC	
J302B	Storage Tank	VOC	
J303B	Storage Tank	VOC	
J304	Storage Tank	VOC	
J305B	Storage Tank	VOC	
J306	Storage Tank	VOC	
J308	Storage Tank	VOC	
J309	Storage Tank	VOC	
J312	Storage Tank	VOC	
J315	Storage Tank	VOC	
J316	Storage Tank	VOC	
J317	Storage Tank	VOC	
J318B	Storage Tank	VOC	
J319	Storage Tank	VOC	
J320	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	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES  
EMISSION CAPS

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates
Point No. (1)	Name (2)	Name (3)	lb/hrTPY
J336	Storage Tank	VOC	
J337	Storage Tank	VOC	
J338	Storage Tank	VOC	
J340	Storage Tank	VOC	
J348	Storage Tank	VOC	
J349	Storage Tank	VOC	
K303	Storage Tank	VOC	
K304	Storage Tank	VOC	
K310	Storage Tank	VOC	
K311	Storage Tank	VOC	
L301	Storage Tank	VOC	
L302	Storage Tank	VOC	
M301	Storage Tank	VOC	
M302	Storage Tank	VOC	
N92252	Storage Tank	VOC	
S305	Storage Tank	VOC	
S306	Storage Tank	VOC	
S312	Storage Tank	VOC	
S318	Storage Tank	VOC	
S336	Storage Tank	VOC	
S339	Storage Tank	VOC	
S359	Storage Tank	VOC	
S360	Storage Tank	VOC	
S402	Storage Tank	VOC	
S412	Storage Tank	VOC	
S429	Storage Tank	VOC	
SS308	Storage Tank	VOC	
SS343	Storage Tank	VOC	
SS351	Storage Tank	VOC	
SS352	Storage Tank	VOC	
SS364	Storage Tank	VOC	
SS375	Storage Tank	VOC	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES  
EMISSION CAPS

AIR CONTAMINANTS DATA

<u>Emission</u> *	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission Rates</u>
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hrTPY</u>
SS375	Storage Tank	VOC	
SS376	Storage Tank	VOC	
SS377	Storage Tank	VOC	
SS378	Storage Tank	VOC	
SS379	Storage Tank	VOC	
SS388	Storage Tank	VOC	
SS425	Storage Tank	VOC	
ST1400	Storage Tank	VOC	
T301	Storage Tank	VOC	
TA301	Storage Tank	VOC	
TA307	Storage Tank	VOC	
TA313	Storage Tank	VOC	
TA314	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	
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	
TG362	Storage Tank	VOC	
TJ321	Storage Tank	VOC	
TJ333	Storage Tank	VOC	
TJ334	Storage Tank	VOC	
TJ335	Storage Tank	VOC	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES  
EMISSION CAPS

AIR CONTAMINANTS DATA

<u>Emission</u> *	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission Rates</u>
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hrTPY</u>
TJ339	Storage Tank	VOC	
TK305	Storage Tank	VOC	
T1F329	Storage Tank	VOC	
T1F330	Storage Tank	VOC	
V1111	Storage Tank	VOC	
X315	Storage Tank	VOC	
X320	Storage Tank	VOC	
X321	Storage Tank	VOC	
OWFLEX	Wastewater Collection	VOC	
SAB	South Aeration Basin	VOC	
NAB	North Aeration Basin	VOC	
H9150	Heater	VOC	
H8	Heater	VOC	
H613	Heater	VOC	
H753	Heater	VOC	
H754	Heater	VOC	
H755	Heater	VOC	
H775	Heater	VOC	
H780	Heater	VOC	
H781	Heater	VOC	
H850S1	Heater	VOC	
H1130	Heater	VOC	
H63000	Heater	VOC	
A1005	Flare	VOC	
FLARELHT	Flare	VOC	
FLARELUB	Flare	VOC	
H850S2	Heater	VOC	
HVIFE	Fugitive	VOC	
DAFE	Fugitive	VOC	
FUGDU1	Fugitive	VOC	
MVIFE	Fugitive	VOC	
GIRBOTFE	Fugitive	VOC	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES  
EMISSION CAPS

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates
Point No. (1)	Name (2)	Name (3)	lb/hrTPY
MEKFE	Fugitive	VOC	
LEUFE	Fugitive	VOC	
LHT1FE	Fugitive	VOC	
LHT2FE	Fugitive	VOC	
WAXPLTFE	Fugitive	VOC	
DPXCHANG	Fugitive	VOC	
FILTERLK	Fugitive	VOC	
V1138	Vent	VOC	
C9150/51	Vent	VOC	
C9152/53	Vent	VOC	
V9160	Vent	VOC	
AT529	Vent	VOC	
AT665	Vent	VOC	
V731	Vent	VOC	
V5518	Vent	VOC	
CWT8	CWT	VOC	
CWT8A	CWT	VOC	
A1006	Vent	VOC	
L2COMPVT	Vent	VOC	
V1047	Vent	VOC	
RKLBLEND	Load	VOC	
RKLDIALA	Load	VOC	
RKLTC	Load	VOC	
RKLTC/TT	Load	VOC	
RKLTCTTU	Load	VOC	
K301	Storage Tank	VOC	
K302	Storage Tank	VOC	
EX81	Storage Tank	VOC	
EX82	Storage Tank	VOC	
EX83	Storage Tank	VOC	
EX84	Storage Tank	VOC	
EX85	Storage Tank	VOC	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES  
EMISSION CAPS

AIR CONTAMINANTS DATA

<u>Emission</u> *	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission Rates</u>
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hrTPY</u>
EX86	Storage Tank	VOC	
VA01	Storage Tank	VOC	
VA02	Storage Tank	VOC	
VA03	Storage Tank	VOC	
VA04	Storage Tank	VOC	
VA15	Storage Tank	VOC	
VA16	Storage Tank	VOC	
VA21	Storage Tank	VOC	
VA22	Storage Tank	VOC	
VA23	Storage Tank	VOC	
VA24	Storage Tank	VOC	
VA25	Storage Tank	VOC	
VA26	Storage Tank	VOC	
VA27	Storage Tank	VOC	
VA28	Storage Tank	VOC	
VA29	Storage Tank	VOC	
VA30	Storage Tank	VOC	
VA31	Storage Tank	VOC	
VA40	Storage Tank	VOC	
VA41	Storage Tank	VOC	
VA42	Storage Tank	VOC	
VA43	Storage Tank	VOC	
DA46	Storage Tank	VOC	
DA47	Storage Tank	VOC	
DA48	Storage Tank	VOC	
EX51	Storage Tank	VOC	
EX52	Storage Tank	VOC	
EX53	Storage Tank	VOC	
EX54	Storage Tank	VOC	
EX55	Storage Tank	VOC	
EX56	Storage Tank	VOC	
EX57	Storage Tank	VOC	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES  
EMISSION CAPS

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates
Point No. (1)	Name (2)	Name (3)	lb/hrTPY
EX58	Storage Tank	VOC	
EX59	Storage Tank	VOC	
EX60	Storage Tank	VOC	
EX61	Storage Tank	VOC	
EX62	Storage Tank	VOC	
EX71	Storage Tank	VOC	
EX72	Storage Tank	VOC	
EX73	Storage Tank	VOC	
J310	Storage Tank	VOC	
J311	Storage Tank	VOC	
VA05	Storage Tank	VOC	
VA06	Storage Tank	VOC	
VA07	Storage Tank	VOC	
VA08	Storage Tank	VOC	
VA09	Storage Tank	VOC	
VA10	Storage Tank	VOC	
VA11	Storage Tank	VOC	
VA12	Storage Tank	VOC	
DA49	Storage Tank	VOC	
DA50	Storage Tank	VOC	
DW101	Storage Tank	VOC	
DW102	Storage Tank	VOC	
DW103	Storage Tank	VOC	
DW104	Storage Tank	VOC	
DW105	Storage Tank	VOC	
DW106	Storage Tank	VOC	
DW107	Storage Tank	VOC	
DW108	Storage Tank	VOC	
DW109	Storage Tank	VOC	
DW110	Storage Tank	VOC	
DW111	Storage Tank	VOC	
DW112	Storage Tank	VOC	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES  
EMISSION CAPS

AIR CONTAMINANTS DATA

<u>Emission</u> *	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission Rates</u>
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hrTPY</u>
DW113	Storage Tank	VOC	
DW114	Storage Tank	VOC	
DW115	Storage Tank	VOC	
DW116	Storage Tank	VOC	
DW117	Storage Tank	VOC	
DW118	Storage Tank	VOC	
DW119	Storage Tank	VOC	
DW120	Storage Tank	VOC	
DW121	Storage Tank	VOC	
DW122	Storage Tank	VOC	
DW123	Storage Tank	VOC	
DW124	Storage Tank	VOC	
DW125	Storage Tank	VOC	
DW126	Storage Tank	VOC	
DW127	Storage Tank	VOC	
DW128	Storage Tank	VOC	
DW129	Storage Tank	VOC	
DW130	Storage Tank	VOC	
DW210	Storage Tank	VOC	
DW211	Storage Tank	VOC	
DW212	Storage Tank	VOC	
DW213	Storage Tank	VOC	
DW214	Storage Tank	VOC	
EX91	Storage Tank	VOC	
EX92	Storage Tank	VOC	
EX93	Storage Tank	VOC	
EX94	Storage Tank	VOC	
EX95	Storage Tank	VOC	
EX96	Storage Tank	VOC	
EX97	Storage Tank	VOC	
RD139	Storage Tank	VOC	
VA36	Storage Tank	VOC	



EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES  
EMISSION CAPS

AIR CONTAMINANTS DATA

<u>Emission</u> *	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission Rates</u>
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hrTPY</u>
VA37	Storage Tank	VOC	
VA38	Storage Tank	VOC	
VA39	Storage Tank	VOC	
FP161	Storage Tank	VOC	
FP162	Storage Tank	VOC	
FP163	Storage Tank	VOC	
FP164	Storage Tank	VOC	
FP165	Storage Tank	VOC	
FP166	Storage Tank	VOC	
FP167	Storage Tank	VOC	
FP168	Storage Tank	VOC	
FP169	Storage Tank	VOC	
FP170	Storage Tank	VOC	
FP171	Storage Tank	VOC	
FP172	Storage Tank	VOC	
FP173	Storage Tank	VOC	
FP174	Storage Tank	VOC	
FP175	Storage Tank	VOC	
FP176	Storage Tank	VOC	
FP177	Storage Tank	VOC	
FP178	Storage Tank	VOC	
FP179	Storage Tank	VOC	
FP180	Storage Tank	VOC	
FP181	Storage Tank	VOC	
FP182	Storage Tank	VOC	
FP183	Storage Tank	VOC	
FP184	Storage Tank	VOC	
FP185	Storage Tank	VOC	
FP186	Storage Tank	VOC	
FP187	Storage Tank	VOC	
FP188	Storage Tank	VOC	
FP189	Storage Tank	VOC	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES  
EMISSION CAPS

AIR CONTAMINANTS DATA

<u>Emission</u> *	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission Rates</u>
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hrTPY</u>
FP190	Storage Tank	VOC	
FP191	Storage Tank	VOC	
FP192	Storage Tank	VOC	
FP193	Storage Tank	VOC	
FP194	Storage Tank	VOC	
FP195	Storage Tank	VOC	
FP200	Storage Tank	VOC	
J329	Storage Tank	VOC	
J330	Storage Tank	VOC	
RD131	Storage Tank	VOC	
RD132	Storage Tank	VOC	
RD133	Storage Tank	VOC	
RD134	Storage Tank	VOC	
RD135	Storage Tank	VOC	
RD136	Storage Tank	VOC	
RD137	Storage Tank	VOC	
RD138	Storage Tank	VOC	
US141	Storage Tank	VOC	
US142	Storage Tank	VOC	
US143	Storage Tank	VOC	
US144	Storage Tank	VOC	
US145	Storage Tank	VOC	
US146	Storage Tank	VOC	
US147	Storage Tank	VOC	
US148	Storage Tank	VOC	
US149	Storage Tank	VOC	
US150	Storage Tank	VOC	
US151	Storage Tank	VOC	
EX74	Storage Tank	VOC	
EX75	Storage Tank	VOC	
S365	Storage Tank	VOC	
SS301	Storage Tank	VOC	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES  
EMISSION CAPS

AIR CONTAMINANTS DATA

<u>Emission</u> *	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission Rates</u>
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hrTPY</u>
SS302	Storage Tank	VOC	
SS303	Storage Tank	VOC	
S302	Storage Tank	VOC	
SS403	Storage Tank	VOC	
D346	Storage Tank	VOC	
D347	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	
WX220	Storage Tank	VOC	
WX221	Storage Tank	VOC	
WX222	Storage Tank	VOC	
WX223	Storage Tank	VOC	
WX224	Storage Tank	VOC	
WX225	Storage Tank	VOC	
WX226	Storage Tank	VOC	
WX227	Storage Tank	VOC	
WX228	Storage Tank	VOC	
WX229	Storage Tank	VOC	
WX230	Storage Tank	VOC	
WX231	Storage Tank	VOC	
WX232	Storage Tank	VOC	
WX233	Storage Tank	VOC	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES  
EMISSION CAPS

AIR CONTAMINANTS DATA

<u>Emission</u> *	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission Rates</u>
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hrTPY</u>
WX234	Storage Tank	VOC	
WX235	Storage Tank	VOC	
WX241	Storage Tank	VOC	
WX242	Storage Tank	VOC	
WX243	Storage Tank	VOC	
WX244	Storage Tank	VOC	
WX245	Storage Tank	VOC	
WX246	Storage Tank	VOC	
WX247	Storage Tank	VOC	
WX248	Storage Tank	VOC	
WX249	Storage Tank	VOC	
WX250	Storage Tank	VOC	
WX251	Storage Tank	VOC	
WX252	Storage Tank	VOC	
WX253	Storage Tank	VOC	
WX254	Storage Tank	VOC	
WX255	Storage Tank	VOC	
WX256	Storage Tank	VOC	
WX257	Storage Tank	VOC	
WX258	Storage Tank	VOC	
WX259	Storage Tank	VOC	
WX260	Storage Tank	VOC	
WX261	Storage Tank	VOC	
WX262	Storage Tank	VOC	
WX263	Storage Tank	VOC	
WX264	Storage Tank	VOC	
WX265	Storage Tank	VOC	
WX266	Storage Tank	VOC	
WX267	Storage Tank	VOC	
WX268	Storage Tank	VOC	
WX269	Storage Tank	VOC	
WX270	Storage Tank	VOC	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES  
 EMISSION CAPS

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	<u>Emission Rates</u>
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hrTPY</u>
WX271	Storage Tank	VOC	
WX279	Storage Tank	VOC	
WX280	Storage Tank	VOC	
WX281	Storage Tank	VOC	
WX285	Storage Tank	VOC	
T1F323	Storage Tank	VOC	
T1F324	Storage Tank	VOC	
T1F348	Storage Tank	VOC	
T315	Storage Tank	VOC	
TA305	Storage Tank	VOC	
TA306	Storage Tank	VOC	
TA310	Storage Tank	VOC	
TA311	Storage Tank	VOC	
TA312	Storage Tank	VOC	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES  
 EMISSION CAPS

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hrTPY	
TA321	Storage Tank	VOC		
TA322	Storage Tank	VOC		
TG324	Storage Tank	VOC		
T1211	Storage Tank	VOC		
T1212	Storage Tank	VOC		
F338	Storage Tank	VOC		

INITIAL EMISSIONS CAP	VOC	4746.2	5564.5
<b>FINAL EMISSIONS CAP</b>	VOC	2404.5	3332.8

- (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) CO - carbon monoxide  
 H<sub>2</sub>S - hydrogen sulfide  
 NH<sub>3</sub> - ammonia  
 NO<sub>x</sub> - nitrogen oxides  
 PM - particulate matter  
 SO<sub>2</sub> - sulfur dioxide  
 VOC - volatile organic compounds as defined in General Rule 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

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES  
EMISSION CAPS

AIR CONTAMINANTS DATA

<u>Emission</u> *	Source	Air Contaminant	<u>Emission Rates</u>
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hrTPY</u>

Dated\_\_\_\_\_