

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 * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
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		
FUGH DU1	Fugitives (4)	Benzene		
FUGHP1	Fugitives (4)	Benzene		
FUGPLAT2	Fugitives (4)	Benzene		

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	<u>lb/hr</u>	<u>TPY</u>
FUGSGP	Fugitives (4)	Benzene		
FUGSHCU	Fugitives (4)	Benzene		
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		

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
G332	Storage Tank	Benzene		
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		

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
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		
X320	Storage Tank	Benzene		

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
X321	Storage Tank	Benzene		
	INITIAL EMISSIONS CAP	Benzene	18.	45.
	FINAL EMISSIONS CAP	Benzene	16.	36.
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		
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		

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
HCOKE	Furnace	CO		
HGOHT	Furnace	CO		
SATSFRN	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		
AE388	Engine	CO		
AE389	Engine	CO		
AE700	Engine	CO		
AE768	Engine	CO		
C070	Engine	CO		
C093	Engine	CO		
C094	Engine	CO		
C095	Engine	CO		
INITIAL EMISSIONS CAP		CO	1218.	5331.
FINAL EMISSIONS CAP		CO	1218.	5331.
V8601	Analyzer	H ₂ S		
A1284	Analyzer	H ₂ S		
A1746N	Analyzer	H ₂ S		
A1760	Analyzer	H ₂ S		
A3344	Analyzer	H ₂ S		
A422	Analyzer	H ₂ S		
A759	Analyzer	H ₂ S		
EPFLARE	East Property Flare	H ₂ S		

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
WPFLARE	West Property Flare	H ₂ S		
COKEHCFUG	Fugitives (4)	H ₂ S		
DOCKF	Fugitives (4)	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		
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		
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		
FUGSGP	Fugitives (4)	H ₂ S		
FUGSHCU	Fugitives (4)	H ₂ S		
FUGSR6	Fugitives (4)	H ₂ S		
FUGSR7	Fugitives (4)	H ₂ S		
GOHTHCFUG	Fugitives (4)	H ₂ S		
SR5FUG	Fugitives (4)	H ₂ S		
A1660B	SR-3/4 Incinerator	H ₂ S		
SR5STACK	Tail Gas Incinerator	H ₂ S		
SR6STACK	Tail Gas Incinerator	H ₂ S		
SR7STACK	Tail Gas Incinerator	H ₂ S		
BENZENE1	Marine Loading	H ₂ S		
BENZENE2	Marine Loading	H ₂ S		
BENZENE4	Marine Loading	H ₂ S		
DOCK1	Marine Loading	H ₂ S		
DOCK2	Marine Loading	H ₂ S		
DOCK4	Marine Loading	H ₂ S		

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
BARGE	Marine Loading	H ₂ S		
CRUDE	Marine Loading	H ₂ S		
LDSULF67	SR6 & SR7 Loading Rack	H ₂ S		
SR5L01	SR5 Loading Rack	H ₂ S		
SR5L02	SR5 Loading Rack	H ₂ S		
SRTT	SR3/4 Loading Rack	H ₂ S		
TSR67	Molten Sulfur Tank	H ₂ S		
SR3/4PIT	SR3/4 Sulfur Pit	H ₂ S		
SULFUR	SR5 Sulfur Pit	H ₂ S		
AP16	Storage Tank	H ₂ S		
AP17	Storage Tank	H ₂ S		
F340	Storage Tank	H ₂ S		
J317	Storage Tank	H ₂ S		
J318B	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		
J331	Storage Tank	H ₂ S		
J332	Storage Tank	H ₂ S		
J348	Storage Tank	H ₂ S		
J349	Storage Tank	H ₂ S		
S339	Storage Tank	H ₂ S		
S429	Storage Tank	H ₂ S		
SS343	Storage Tank	H ₂ S		
TA301	Storage Tank	H ₂ S		
TA307	Storage Tank	H ₂ S		
TA313	Storage Tank	H ₂ S		
TA314	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		

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
TA319	Storage Tank	H ₂ S		
TA320	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		
TG362	Storage Tank	H ₂ S		
TJ321	Storage Tank	H ₂ S		
TJ339	Storage Tank	H ₂ S		
	INITIAL EMISSIONS CAP	H ₂ S	29.	120.
	FINAL EMISSIONS CAP	H ₂ S	24.	95.
COKEHCFUG	Fugitives (4)	NH ₃		
DOCKF	Fugitives (4)	NH ₃		
FEFUGDISP	Fugitives (4)	NH ₃		
FEFUGDU2	Fugitives (4)	NH ₃		
FUGCCU	Fugitives (4)	NH ₃		
FUGH DU1	Fugitives (4)	NH ₃		
FUGSR6	Fugitives (4)	NH ₃		
FUGSR7	Fugitives (4)	NH ₃		
	INITIAL EMISSIONS CAP	NH ₃	0.17	0.53
	FINAL EMISSIONS CAP	NH ₃	0.17	0.53
COKEFLARE	Coker Flare	NO _x		
EPFLARE	East Property Flare	NO _x		

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
FLNFLARE	North Property Flare	NO _x		
WPFLARE	West Property Flare	NO _x		
H1000	Furnace	NO _x		
H1001	Furnace	NO _x		
H1010	Furnace	NO _x		
H1011	Furnace	NO _x		
H1100	Furnace	NO _x		
H1170	Furnace	NO _x		
H5100	Furnace	NO _x		
H5101	Furnace	NO _x		
H5102	Furnace	NO _x		
H5103	Furnace	NO _x		
H5200	Furnace	NO _x		
H5301	Furnace	NO _x		
H5302	Furnace	NO _x		
H5303	Furnace	NO _x		
H5304	Furnace	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		
H5500C	Furnace	NO _x		
H600	CO Boiler	NO _x		
HCOKE	Furnace	NO _x		
HGOHT	Furnace	NO _x		
SATSFRN	Furnace	NO _x		
A1660B	SR-3/4 Incinerator	NO _x		
SR5STACK	Tail Gas Incinerator	NO _x		
SR6STACK	Tail Gas Incinerator	NO _x		

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
SR7STACK	Tail Gas Incinerator	NO _x		
AE2340	Engine	NO _x		
AE2636	Engine	NO _x		
AE2650	Engine	NO _x		
AE348	Engine	NO _x		
AE349	Engine	NO _x		
AE388	Engine	NO _x		
AE389	Engine	NO _x		
AE700	Engine	NO _x		
AE768	Engine	NO _x		
C070	Engine	NO _x		
C093	Engine	NO _x		
C094	Engine	NO _x		
C095	Engine	NO _x		
INITIAL EMISSIONS CAP		NO _x	766.	3351.
FINAL EMISSIONS CAP		NO _x	731.	2863.
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		
H1100	Furnace	PM		
H1170	Furnace	PM		

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
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		
SATSFRN	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		
AE389	Engine	PM		
AE700	Engine	PM		
AE768	Engine	PM		

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
C070	Engine	PM		
C093	Engine	PM		
C094	Engine	PM		
C095	Engine	PM		
<hr/>				
	INITIAL EMISSIONS CAP	PM	188.	811.
	FINAL EMISSIONS CAP	PM	74.	312.
COKEFLARE	Coker Flare	SO ₂		
EPFLARE	East Property Flare	SO ₂		
WPFLARE	West Property Flare	SO ₂		
H1000	Furnace	SO ₂		
H1001	Furnace	SO ₂		
H1010	Furnace	SO ₂		
H1011	Furnace	SO ₂		
H1100	Furnace	SO ₂		
H1170	Furnace	SO ₂		
H5100	Furnace	SO ₂		
H5101	Furnace	SO ₂		
H5102	Furnace	SO ₂		
H5103	Furnace	SO ₂		
H5200	Furnace	SO ₂		
H5301	Furnace	SO ₂		
H5302	Furnace	SO ₂		
H5303	Furnace	SO ₂		
H5304	Furnace	SO ₂		
H5305	Furnace	SO ₂		
H5400	Furnace	SO ₂		
H5402	Furnace	SO ₂		
H5403	Furnace	SO ₂		
H5500A	Furnace	SO ₂		
H5500B	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
H5500C	Furnace	SO ₂		
H600	CO Boiler	SO ₂		
HCOKE	Furnace	SO ₂		
HGOHT	Furnace	SO ₂		
SATSFRN	Furnace	SO ₂		
A1660B	SR-3/4 Incinerator	SO ₂		
SR5STACK	Tail Gas Incinerator	SO ₂		
SR6STACK	Tail Gas Incinerator	SO ₂		
SR7STACK	Tail Gas Incinerator	SO ₂		
AE2340	Engine	SO ₂		
AE2636	Engine	SO ₂		
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		
C070	Engine	SO ₂		
C093	Engine	SO ₂		
C094	Engine	SO ₂		
C095	Engine	SO ₂		
INITIAL EMISSIONS CAP			3403.	14472.
FINAL EMISSIONS CAP			3001.	12711.
EPFLARE	East Property Flare	SO ₃		
WPFLARE	West Property Flare	SO ₃		
A1660B	SR-3/4 Incinerator	SO ₃		
SR5STACK	Tail Gas Incinerator	SO ₃		
SR6STACK	Tail Gas Incinerator	SO ₃		
SR7STACK	Tail Gas Incinerator	SO ₃		
INITIAL EMISSIONS CAP			57.	234.
FINAL EMISSIONS CAP			44.	182.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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>
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		
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		

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
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		
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		

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
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		
SATSFRN	Furnace	VOC		
A1660B	SR-3/4 Incinerator	VOC		
SR5STACK	Tail Gas Incinerator	VOC		
SR6STACK	Tail Gas Incinerator	VOC		
SR7STACK	Tail Gas Incinerator	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		
C070	Engine	VOC		
C093	Engine	VOC		
C094	Engine	VOC		
C095	Engine	VOC		
BARGE	Marine Loading	VOC		
BENZENE1	Marine Loading	VOC		
BENZENE2	Marine Loading	VOC		

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

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

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

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

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

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

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

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

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
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		
TJ339	Storage Tank	VOC		
TK305	Storage Tank	VOC		
T1F329	Storage Tank	VOC		
T1F330	Storage Tank	VOC		
V709	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		
INITIAL EMISSIONS CAP		VOC	3822.	5202.
FINAL EMISSIONS CAP		VOC	3208.	2516.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

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

- (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
H₂S - hydrogen sulfide
NH₃ - ammonia
NO_x - nitrogen oxides
PM - particulate matter
SO₂ - sulfur dioxide
SO₃ - sulfur trioxide
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

Dated _____