

LIST OF AUTHORIZED SOURCES

Flexible Permit Number 18897

Page 1

EPN

Description

LIST OF AUTHORIZED SOURCES

Flexible Permit Number 18897

EPN

Description

Flare 112

112

South Plant AAG Emergency Flare

Thermal Combustors

SVE-TC1

Soil Vapor Extraction - Thermal Combustor 1

SVE-TC2

Soil Vapor Extraction - Thermal Combustor 2

Thermal Oxidizer

PK-853

Wastewater Collection and Treatment System TO

Incinerator

127

SRU Incinerator (H-3503)

Absorber

160

Stretford Absorber Stack

Boilers

XF1001

No. 1 Boiler

XF1010

No. 10 Boiler

XF1011

No. 11 Boiler

6

Boiler No. 1 (H-901)

8

Boiler No. 3 (H-903)

Furnaces

XF1601

No. 6 Crude Unit Furnace 1

XF1602

No. 6 Crude Unit Furnace 2

XF3804

Plant 38 Feed Furnace

XF3901

Plant 39 Diesel Furnace

XF3902

Diesel Stripper Reboiler Furnace

XF4131

Naphtha Hydrotreater Furnace No. 1

XF4132

Naphtha Hydrotreater Furnace No. 2

XF4150-60

Rheniformer Reactor Furnace (F-4150)

LIST OF AUTHORIZED SOURCES

Flexible Permit Number 18897

Page 2

EPN

Description

XF4150-60	Rheniformer Reactor Furnace (F-4160)
XF4170-80	Rheniformer Reactor Furnace (F-4170)
XF4170-80	Rheniformer Reactor Furnace (F-4180)

Compressors

K501-04	Relief Gas Compressors
---------	------------------------

Heaters

1	CPS Heater (H-101 East and H-101 West)
2	DCU Heater (H-102)
109	Vacuum Unit Heater (H-1601)
105	SRU Hot Oil Heater (F-3505)
125	Vacuum Preflash Heater (H-1101)
XH8801/2	Steam Reformer Heaters (H-8801)(H-8802)

Cooling Towers

F-14-5-6	5-6 Cooling Tower
F-14-7	7 Cooling Tower
F-14-8	8 Cooling Tower
F-14-9	9 Cooling Tower
F-21	Alkyl Cooling Tower
F-7	Main Cooling Tower

Carbon Canister Systems

98	Carbon Canister System for Tanks T4100 and T4103 and South API Separator
T4064	Carbon Canister System for Tank T4064
CA-SK	Terminal Tanktruck Loading VRU
WWCTS	Wastewater Collection and Treatment System
CARB1	Carbon Canister System for Tanks T4270 and T4607
PK-854	Wastewater Collection and Treatment System Canister

Fugitive Emissions

LE-FUG	LER Unit Fugitives
F-10N	Plant Utilities Fugitives
F-16N	#6 Crude Unit Piping Fugitives
F-20N	North Isom Piping Fugitives
F-38	Plant 38 Piping Fugitives
F-39	Plant 39 Fugitives
F39-7	ULSD Fugitives

LIST OF AUTHORIZED SOURCES

Flexible Permit Number 18897

Page 3

<u>EPN</u>	<u>Description</u>
F-41	Rheniformer/NHT/LSR Splitter Fugitives
F-1/2	CPS/DCU Fugitives
F-3/4	CRU Fugitives
F-5	Alkylation Fugitives
F-8	AFPU Fugitives
F-9	Jet Fuel Treating Fugitives
F-11	FCCU Fugitives
F-13	SRU Fugitives - South
F-16S	Receiving, Pumping, and Shipping Fugitives (F-16S)
F-18	Vacuum Distillation Fugitives
F-19	Butamer Fugitives
F-20S	Alkyl II Fugitives
F-22	Merox 3 Fugitives
F-23	Utilities Fugitives
F-71-72	SRU Fugitives - North
TNK-FUG	Tank Field Piping Fugitives
F-101	FCCU Piping and Drains
FUG	Terminal Fugitives
H2FUG	Hydrogen Process Fugitives

Loading Racks

LLPG-TC	North LPG Railcar Loading Rack
NLR2-5	North Fuel Oil Tanktruck/Railcar Loading Rack
NLR2-5	North Caustic Loading Rack
SLR1	South Railcar Loading Rack
SLR2	South LPG Tanktruck Loading Rack
SLR4	South Acid/Caustic Tanktruck Loading Rack
LRACK - FUG	Terminal Loading Rack Hose Fugitives

Sulfur Loading and Storage

NLR2-5	North Molten Sulfur Loading Rack
SLR5	Sulfur Truck/Railcar Loading Rack
159	T-7110 Sulfur Storage Tank

Solid Waste Loading

NLR-6	Solid Waste Gondola Loading Rack
-------	----------------------------------

pH Neutralization

RHENS CRUB	Rheniformer Catalyst Regeneration
------------	-----------------------------------

LIST OF AUTHORIZED SOURCES

Flexible Permit Number 18897

Page 4

<u>EPN</u>	<u>Description</u>
<u>FCCU/WGS</u>	
111	FCCU/WGS
<u>Fire Water Pump</u>	
97	Fire Water Pump

Miscellaneous Combustion Sources

D-2914	Relief Gas Emergency Flare (not included in Pollutant Caps)
R-2911	Rheniformer Emergency Flare (not included in Pollutant Caps)
128	Sour Water Stripper Emergency Flare (not included in Pollutant Caps)
XF7104	Standby SRU Tailgas Incinerator (not included in Pollutant Caps)

Fixed-Roof Storage Tank Groups

Fixed Dist Tanks	Fixed-Roof Distillate Storage Tanks
Fixed Ref Tank	Fixed-Roof Reformate Storage Tank
Fixed Gas Tanks	Fixed-Roof Gasoline Storage Tanks
Fixed Alkyl Tank	Fixed-Roof Alkylate Storage Tank

Floating Roof Storage Tank Groups

Float Dist Tanks	Floating Roof Distillate Storage Tanks
Float Crude Tanks	Floating Roof Crude Storage Tanks
Float Gas Tanks	Floating Roof Gasoline Storage Tanks
Float Alkyl Tanks	Floating Roof Alkylate Storage Tanks
Ethanol Tank	Ethanol Storage Tank

<u>Group</u>	<u>EPNs</u>
Fixed Dist Tanks:	TK-024, TK-065, TK-106, TK-200, TK-506, TK-507, TK-517, TK-518, TK-519, TK-4007, TK-4008, TK-4010, TK-4012, TK-4013, TK-4039, TK-4041, TK-4044, TK-4046, TK-4051, TK-4100, TK-4103, TK-4113, TK-4115, TK-4116, TK-4276, TK-4602, and TK-4603
Fixed Ref Tank:	TK-4270

LIST OF AUTHORIZED SOURCES

Flexible Permit Number 18897

Page 5

Fixed Gas Tanks: TK-4064 and TK-4281

Fixed Alkyl Tank: TK-4607

Float Dist Tanks: TK-052, TK-095, TK-096, TK-097, TK-098, TK-099, TK-100, TK-103, TK-104, TK-107, TK-110, TK-111, TK-112, TK-113, TK-118, TK-126, TK-183, TK-202, TK-505, TK-512, TK-514, TK-521, TK-522, TK-803, and TK-804

Float Crude Tanks: TK-094, TK-190, TK-191, TK-192, TK-210, and TK-211

<u>Group</u>	<u>EPNs</u>
Float Gas Tanks:	TK-061, TK-064, TK-069, TK-076, TK-090, TK-092, TK-102, TK-114,
TK-123,	TK-115, TK-116, TK-117, TK-119, TK-120, TK-121, TK-122,
TK-141,	TK-124, TK-125, TK-127, TK-128, TK-129, TK-130, TK-140,
TK-166,	TK-142, TK-143, TK-144, TK-145, TK-146, TK-164, TK-165,
TK-515,	TK-167, TK-181, TK-182, TK-203, TK-504, TK-508, TK-513,
TK-4040,	TK-516, TK-520, TK-3601, TK-4001, TK-4003, TK-4035,
TK-4118,	TK-4043, TK-4050, TK-4057, TK-4065, TK-4114, TK-4117,
	TK-4119, TK-4120, TK-4121, TK-4122, TK-4123, TK-4124,
	TK-4285, TK-4601, and TK-4605

Float Alkyl Tanks: TK-4272 and TK-4273

Ethanol Tank: TK-509

LIST OF AUTHORIZED SOURCES
Flexible Permit Number 18897
Page 6

Dated April 4, 2005