Emission Sources - Maximum Allowable Emission Rates

Permit Number 9498

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities, sources, and related activities. 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	
			lbs/hour	TPY (4)
TS PC-1	Transfer Station Receives Material and Drops It to CB-1 (5)	PM	1.63	0.35
		PM_{10}	0.77	0.17
		$PM_{2.5}$	0.12	0.03
CB-1	Conveyor Belt 1 (5)	PM	4.45	0.96
		PM_{10}	2.10	0.46
		$PM_{2.5}$	0.32	0.07
TS-1	Transfer Station 1 Connecting CB-1 to CB-2 (5)	PM	0.33	0.11
		PM_{10}	0.16	0.05
		$PM_{2.5}$	0.02	0.01
TS PC-2	Transfer Station Connecting PC-2 to CB-2 (5)	PM	1.63	0.27
		PM_{10}	0.77	0.13
		$PM_{2.5}$	0.12	0.02
CB-2 (from TS-1)	Conveyor Belt CB-2 from TS-1 to Citgo/Valero Pad Loading Point TS-FEL-2 (5)	PM	1.76	0.88
		PM_{10}	0.83	0.42
		$PM_{2.5}$	0.13	0.06
TS FEL-2	Loading Point to CB-2 at Citgo or Valero Pad (5)	PM	1.63	0.41
		PM_{10}	0.77	0.19
		$PM_{2.5}$	0.12	0.03
CB-2 (from TS FEL-2)	Conveyor Belt CB-2 from TS FEL-2 Loading Point at Citgo/Valero Pad to CB-3 (5)	PM	1.76	1.32
		PM_{10}	0.83	0.63
		$PM_{2.5}$	0.13	0.09

Emission Sources - Maximum Allowable Emission Rates

TS-2	Transfer Station Connecting CB-2 to CB-3 (5)	PM	0.10	0.07
		PM_{10}	0.05	0.03
		$PM_{2.5}$	0.01	<0.01
DS-RR/TR	Dump Station for Railcars and Trucks (5)	PM	0.33	0.33
		PM_{10}	0.15	0.15
		$PM_{2.5}$	0.02	0.02
TS-3	Transfer Station Connecting CB-4 to CB-5 (5)	PM	0.10	0.17
		PM_{10}	0.05	0.08
		$PM_{2.5}$	0.01	0.01
TS-6	Transfer Station Connecting CB-8 to CB-5 (5)	PM	0.10	0.02
		PM_{10}	0.05	0.01
		$PM_{2.5}$	0.01	<0.01
TS-4	Transfer Station Connecting CB-5 to CB-6 (5)	PM	0.10	0.11
		PM_{10}	0.05	0.05
		$PM_{2.5}$	0.01	0.01
CB-6	Conveyor Belt CB-6 Connecting CB-5 to Ship Loader (5)	PM	1.75	2.01
		PM_{10}	0.83	0.95
		$PM_{2.5}$	0.13	0.14
SL	Telescopic Spout-Out Ship Loader That is Lowered Into the Hold of the Ship (5)	PM	0.41	0.47
		PM_{10}	0.19	0.22
		$PM_{2.5}$	0.03	0.03
TS PC-4	Transfer Station Connecting PC-4 to CB-7 (5)	PM	1.63	0.49
		PM_{10}	0.77	0.23
		$PM_{2.5}$	0.12	0.03
CB-7	Conveyor Belt from Valero Pad and Koch Carbon Pad to	PM	2.72	0.82
		PM_{10}	1.29	0.39

Emission Sources - Maximum Allowable Emission Rates

	CB-8 or CB-9 (5)	$PM_{2.5}$	0.20	0.06
TS-5	Transfer Station Connecting CB-7 to CB-8 or CB-9 (5)	PM	0.10	0.03
		PM_{10}	0.05	0.01
		$PM_{2.5}$	0.01	<0.01
CB-8	Conveyor Belt Connecting CB-7 to CB-5 (5)	PM	3.83	0.89
		PM_{10}	1.81	0.42
		$PM_{2.5}$	0.27	0.06
RL	Railcar Loadout Point with Bitruncated Chute that is Lowered into the Compartment for Railcar Loading (5)	PM	0.81	0.19
		PM_{10}	0.38	0.09
		$PM_{2.5}$	0.06	0.01
H-1	Hopper to Connect CB-4 to PC-6 (5)	PM	0.33	0.27
		PM_{10}	0.15	0.13
		$PM_{2.5}$	0.02	0.02
H-2	Hopper from PC-6 for Loading Trucks (5)	PM	0.33	0.27
		PM_{10}	0.15	0.13
		$PM_{2.5}$	0.02	0.02
FEL-6	Front-End Loader for Loading Trucks from Stockpile (5)	PM	1.63	1.36
		PM_{10}	0.77	0.64
		$PM_{2.5}$	0.12	0.10
FEL PC-5	Front-End Loader Feeding Hopper to Load Portable Conveyor PC-5 (5)	PM	1.63	0.27
		PM_{10}	0.77	0.13
		$PM_{2.5}$	0.12	0.02
STKPL-RL	Rail Loadout Station Stockpile (5)	PM	-.-	1.99
		PM_{10}	-.-	1.00
		$PM_{2.5}$	-.-	0.15

Emission Sources - Maximum Allowable Emission Rates

STKPL-RCU	Stockpile for Loading Trucks from Railcars (5)	PM	-.-	0.96
		PM_{10}	-.-	0.48
		$PM_{2.5}$	-.-	0.07
H2STPORT2	H_2S Fugitives from Sulfur Transport (5)	H_2S	0.56	<0.01

(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) PM - total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$, as represented
PM_{10} - total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$, as represented
$PM_{2.5}$ - particulate matter equal to or less than 2.5 microns in diameter
H_2S - hydrogen sulfide
(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
(5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: November 14, 2011