



South Coast Air Quality Management District

**Phillips 66 - Carson
2021 Rule 1118 Quarterly Flare Emissions**

Emission Target (Includes the combined totals from the Carson and Wilmington facilities)

2021 SOx Emissions Target (lbs)	Year-to-Date SOx Emissions (lbs)	
50,800	65,230.4	Phillips 66, Carson
	38,927.7	Phillips 66, Wilmington
	104,158.1	Total Combined Emissions

Quarter I (January 1, 2021 - March 31, 2021):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
East	7,242,211	147.0	522.0	417.7	2,401.7	44,752.6
West	2,934,453	41.1	416.5	198.4	598.2	5,339.8
Total	10,176,664	188	939	616	3,000	50,092

Quarter II (April 1, 2021 - June 30, 2021):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
East	327,313	2.5	42.4	2.4	12.2	8.7
West	485,398	3.7	62.1	3.6	18.5	0.4
Total	812,711	6.2	104.5	6.0	30.7	9.1

Quarter III (July 1, 2021 - September 30, 2021):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
East	371,598	3.0	47.4	3.7	19.6	9.1
West	944,912	7.6	119.8	8.3	43.5	10.4
Total	1,316,511	10.6	167.2	12.0	63.2	19.5

Quarter IV (October 1, 2021 - December 31, 2021):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
East	1,126,527	19.7	163.8	102.2	597.6	8,034.3
West	2,902,066	50.5	216.5	102.4	596.7	7,075.0
Total	4,028,592	70.3	380.3	204.6	1,194.3	15,109.4