



South Coast Air Quality Management District

**Phillips 66 - Wilmington
2020 Rule 1118 Quarterly Flare Emissions**

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

2020 SOx Emissions Target (lbs)	Year-to-Date SOx Emissions (lbs)	
50,800	4,308.5	Phillips 66, Wilmington
	356.3	Phillips 66, Carson
	4,664.8	Total Combined Emissions

Quarter I (January 1, 2020 - March 31, 2020):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
North	1,224,287	9.2	159.2	8.6	42.9	1.0
South	1,053,703	7.9	137.0	7.4	36.9	0.9
UK	1,213,512	9.1	157.8	8.5	42.5	1.0
LPG	2,971,333	21.0	1,385.9	83.4	771.3	435.6
Total	6,462,835	47	1,840	108	894	439

Quarter II (April 1, 2020 - June 30, 2020):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
North	1,307,199	10.3	167.5	10.7	54.9	1.1
South	1,120,402	9.4	141.7	11.8	62.9	37.2
UK	1,230,001	9.5	158.9	10.0	51.2	8.7
LPG	1,923,041	13.6	833.8	48.7	457.0	254.4
Total	5,580,643	42.9	1,301.9	81.2	626.0	301.5

Quarter III (July 1, 2020 - September 30, 2020):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
North	1,909,575	22.9	227.9	62.0	356.1	1,515.9
South	1,045,789	7.8	136.0	7.3	36.6	0.9
UK	1,233,768	9.3	160.4	8.6	43.2	1.0
LPG	4,976,340	2,305.5	140.3	1,290.2	732.5	0.0
Total	9,165,471	2,345.5	664.5	1,368.1	1,168.3	1,517.8

Quarter IV (October 1, 2020 - December 31, 2020):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
North	1,733,147	19.4	182.5	23.5	130.4	905.0
South	1,072,136	8.3	138.0	8.7	44.5	37.9
UK	1,432,636	13.6	166.4	14.4	77.2	465.6
LPG	4,204,195	29.6	2,020.2	123.0	1,130.9	642.2
Total	8,442,114	70.9	2,507.1	169.6	1,382.9	2,050.7