



South Coast Air Quality Management District

**Phillips 66 - Wilmington
2019 Rule 1118 Quarterly Flare Emissions**

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

2019 SOx Emissions Target (lbs)	Year-to-Date SOx Emissions (lbs)	
50,800	44,919.9	Phillips 66, Wilmington
	2,309.7	Phillips 66, Carson
	47,229.5	Total Combined Emissions

Quarter I (January 1, 2019 - March 31, 2019):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
North	1,211,294	10.2	153.5	13.3	71.2	124.5
South	4,489,848	83.3	339.8	201.9	1,180.5	3,412.0
UK	4,739,149	81.5	282.3	99.8	577.9	3,249.9
LPG	1,186,758	9.2	530.9	30.4	287.8	158.5
Total	11,627,049	184.2	1,306.5	345.3	2,117.4	6,944.9

Quarter II (April 1, 2019 - June 30, 2019):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
North	1,264,354	9.5	164.4	8.9	44.3	1.0
South	1,260,055	12.5	146.2	17.4	95.7	46.2
UK	1,251,101	9.4	162.6	8.8	43.8	1.0
LPG	4,366,110	30.7	2,096.3	127.6	1,173.3	666.2
Total	8,141,620	62.1	2,569.6	162.5	1,357.1	714.4

Quarter III (July 1, 2019 - September 30, 2019):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
North	1,295,290	9.5	161.1	9.1	46.0	8.9
South	1,105,778	9.1	139.9	10.6	55.9	52.4
UK	1,306,507	10.9	164.3	12.3	64.9	119.8
LPG	4,068,649	28.6	1,944.0	118.1	1,087.0	616.6
Total	7,776,224	58.1	2,409.3	150.1	1,253.8	797.8

Quarter IV (October 1, 2019 - December 31, 2019):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
North	2,033,852	26.0	204.9	280.0	239.8	640.3
South	1,935,599	26.4	220.1	77.0	445.7	707.4
UK	4,040,493	68.4	352.6	1,178.9	897.8	34,930.1
LPG	1,313,650	9.3	595.1	35.4	329.3	184.9
Total	9,323,593	130.1	1,372.8	1,571.3	1,912.5	36,462.8

*All data is subject to change per Rule 1118 reporting standards