



South Coast Air Quality Management District

**Phillips 66 - Carson
2016 Rule 1118 Quarterly Flare Emissions**

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

2016 SOx Emissions Target (lbs)	Year-to-Date SOx Emissions (lbs)	
50,800	15,650.6	Phillips 66, Carson
	9,986.6	Phillips 66, Wilmington
	25,637.2	Total Combined Emissions

Quarter I (January 1, 2016 - March 31, 2016):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
East	6,769,197	52.0	873.4	51.2	260.4	32.9
West	1,518,162	8.5	164.6	26.4	146.6	263.0
Total	8,287,359	60.5	1038.0	77.6	407.0	295.9

Quarter II (April 1, 2016 - June 30, 2016):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
East	8,453,400	72.5	1,141.0	100.1	536.8	8.8
West	1,037,200	7.9	152.1	25.2	142.2	3.3
Total	9,490,600	80.4	1,293.1	125.3	679.0	12.1

Quarter III (July 1, 2016 - September 30, 2016):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
East	10,833,400	92.8	1,323.2	138.1	748.7	2,322.8
West	1,595,300	13.4	201.8	14.6	76.5	202.8
Total	12,428,700	106.2	1,525.0	152.7	825.2	2,525.6

Quarter IV (October 1, 2016 - December 31, 2016):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
East	13,259,300	159.4	1,148.6	285.8	1,624.0	4,956.7
West	8,688,400	167.1	461.6	299.0	1,749.1	7,860.3
Total	21,947,700	326.5	1,610.2	584.8	3,373.1	12,817.0