



**South Coast Air Quality Management District**

**Phillips 66 - Wilmington  
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	38,927.7	Phillips 66, Wilmington
	65,230.4	Phillips 66, Carson
	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
LPG	4,331,540	30.8	2,087.6	191.1	1,169.2	664.1
North	1,872,100	23.0	229.0	72.3	416.8	314.9
South	1,316,355	12.8	166.4	27.9	157.2	141.4
UK	1,622,732	18.0	205.8	51.6	296.1	765.7
<b>Total</b>	<b>9,142,727</b>	<b>85</b>	<b>2,689</b>	<b>343</b>	<b>2,039</b>	<b>1,886</b>

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

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
LPG	2,203,043	15.6	999.7	59.5	553.3	310.8
North	1,141,834	46.3	344.4	176.4	1,029.0	7,694.4
South	4,212,002	75.8	364.2	205.3	1,199.4	8,091.7
UK	3,112,589	47.5	323.8	166.7	953.5	11,809.9
<b>Total</b>	<b>10,669,469</b>	<b>185.1</b>	<b>2,032.0</b>	<b>607.9</b>	<b>3,735.2</b>	<b>27,906.9</b>

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

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
LPG	3,950,462	27.8	1,878.9	113.9	1,049.7	595.0
North	1,324,292	13.1	166.2	50.0	159.6	139.7
South	1,081,469	10.3	135.3	19.6	109.5	148.8
UK	2,435,471	34.7	283.6	129.1	751.5	6,305.2
<b>Total</b>	<b>8,791,693</b>	<b>85.9</b>	<b>2,464.0</b>	<b>312.6</b>	<b>2,070.3</b>	<b>7,188.7</b>

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

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
LPG	2,315,898	16.4	1,055.9	63.0	584.9	328.9
North	986,412	7.4	128.2	6.9	34.5	0.8
South	1,241,817	11.4	148.1	12.9	69.3	349.6
UK	2,332,814	34.3	184.7	43.5	248.8	1,266.8
<b>Total</b>	<b>6,876,941</b>	<b>69.4</b>	<b>1,516.9</b>	<b>126.3</b>	<b>937.5</b>	<b>1,946.2</b>