



**South Coast Air Quality Management District**

**Phillips 66 - Carson  
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	356.3	Phillips 66, Carson
	4,308.5	Phillips 66, Wilmington
	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
East	355,494	2.7	46.2	2.5	12.4	0.3
West	3,985,242	29.9	518.1	27.9	139.5	3.3
<b>Total</b>	<b>4,340,736</b>	<b>33</b>	<b>564</b>	<b>30</b>	<b>152</b>	<b>4</b>

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

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
East	378,099	2.8	49.1	2.6	13.2	0.3
West	3,979,114	29.8	517.2	27.9	139.4	3.4
<b>Total</b>	<b>4,357,213</b>	<b>32.7</b>	<b>566.4</b>	<b>30.5</b>	<b>152.6</b>	<b>3.7</b>

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

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
East	406,473	3.0	52.8	2.8	14.2	0.3
West	3,773,722	28.3	490.6	26.4	132.1	3.1
<b>Total</b>	<b>4,180,195</b>	<b>31.4</b>	<b>543.4</b>	<b>29.3</b>	<b>146.3</b>	<b>3.4</b>

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

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
East	448,984	4.7	55.2	6.1	33.2	279.3
West	4,786,352	48.0	566.8	57.6	313.0	66.3
<b>Total</b>	<b>5,235,336</b>	<b>52.6</b>	<b>622.1</b>	<b>63.6</b>	<b>346.2</b>	<b>345.6</b>