



**South Coast Air Quality Management District**

**Phillips 66 Carson  
2009 Rule 1118 Quarterly Flare Emissions**

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

2009 SOx Emissions Target (lbs)	Year-to-date SOx Emissions (lbs)	
	<b>9,117.90</b>	Phillips 66, Wilmington
	<b>20,552.50</b>	Phillips 66, Carson
102,000	<b>29,670.40</b>	Total Combined Emissions

**Quarter I** (January 1, 2009 - March 31, 2009):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
East	9,419,838	140.3	490	454	2,666.40	3,152.90
West	9,856,789	179.2	447.1	414.2	2,432.60	5,419.90
<b>Total</b>	<b>19,276,627</b>	<b>319.5</b>	<b>937.1</b>	<b>868.2</b>	<b>5,099.00</b>	<b>8,572.80</b>

**Quarter II** (April 1, 2009 - June 30, 2009):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
East	8,175,242	123.3	411.5	381.2	2,239.00	5,266.10
West	28,080,800	92.8	318.1	294.7	1,730.90	1,489.20
<b>Total</b>	<b>36,256,042</b>	<b>216.1</b>	<b>729.6</b>	<b>675.9</b>	<b>3,969.90</b>	<b>6,755.30</b>

**Quarter III** (July 1, 2009 - September 30, 2009):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
East	8,191,655	113.1	521.3	483	2,836.40	109.8
West	21,955,024	457.3	525.8	382	2,237.70	3,584.20
<b>Total</b>	<b>30,146,679</b>	<b>570.4</b>	<b>1,047.10</b>	<b>865</b>	<b>5,074.10</b>	<b>3,694.00</b>

**Quarter IV (October 1, 2009 - December 31, 2009):**

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
East	7,943,842	131.4	521.9	185.6	1,074.00	68.8
West	5,910,076	104	457.1	254.2	1,483.70	1,461.60
<b>Total</b>	<b>13,853,918</b>	<b>235.4</b>	<b>979</b>	<b>439.8</b>	<b>2,557.70</b>	<b>1,530.40</b>