



**South Coast Air Quality Management District**

**Phillips 66 Carson  
2010 Rule 1118 Quarterly Flare Emissions**

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

2010 SOx Emissions Target (lbs)	Year-to-date SOx Emissions (lbs)	
	<b>13,953.50</b>	Phillips 66, Wilmington
	<b>4,231.70</b>	Phillips 66, Carson
71,233	<b>18,185.20</b>	Total Combined Emissions

**Quarter I** (January 1, 2010 - March 31, 2010)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
East	16,945,353	197.6	1,749.30	291	1,637.70	44.6
West	3,030,024	45.7	284.5	113.2	656.6	2,486.00
<b>Total</b>	<b>19,975,377</b>	<b>243.3</b>	<b>2,033.80</b>	<b>404.2</b>	<b>2,294.30</b>	<b>2,530.60</b>

**Quarter II** (April 1, 2010 - June 30, 2010)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
East	17,488,778	204.2	1,840.00	341.5	1,932.00	277.5
West	4,276,301	67.8	392.1	178.7	1,039.30	779.1
<b>Total</b>	<b>21,725,079</b>	<b>272</b>	<b>2,232.10</b>	<b>520.2</b>	<b>2,971.30</b>	<b>1,056.60</b>

**Quarter III** (July 1, 2010 - September 30, 2010)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
East	17,607,718	223.9	2,014.90	480.2	2,745.60	227.6
West	5,012,189	88.7	506.7	191.4	1,108.90	116.2
<b>Total</b>	<b>22,619,907</b>	<b>312.6</b>	<b>2,521.60</b>	<b>671.6</b>	<b>3,854.50</b>	<b>343.8</b>

**Quarter IV (October 1, 2010 - December 31, 2010)**

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
East	18,004,600	212.3	1,962.30	413.1	2,350.50	129
West	5,052,000	73.5	489.7	171.8	993.7	171.7
<b>Total</b>	<b>23,056,600</b>	<b>285.8</b>	<b>2,452.00</b>	<b>584.9</b>	<b>3,344.20</b>	<b>300.7</b>