



**South Coast Air Quality Management District**

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

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

Emissions	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
North	51,738,540	1,182.10	3,394.70	3,145.10	18,471.30	10.2
South	7,846,568	150.6	525.7	487.1	2,860.80	18.4
UK	13,549,655	312	1,445.70	1,339.40	7,866.10	7,072.00
LPG	7,404,252	144	1,538.20	1,425.10	8,369.40	21
<b>Total</b>	<b>86,539,015</b>	<b>1,788.70</b>	<b>6,904.30</b>	<b>6,396.70</b>	<b>37,567.60</b>	<b>7,121.60</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
North	54,622,892	1,127.60	3,419.40	3,168.00	18,605.80	6
South	8,240,763	151.2	516.1	478.1	2,808.20	25.9
UK	12,234,063	233.4	1,358.40	1,258.50	7,391.20	175.3
LPG	7,353,500	145.8	1,557.30	1,442.80	8,473.70	21.3
<b>Total</b>	<b>82,451,218</b>	<b>1,658.00</b>	<b>6,851.20</b>	<b>6,347.40</b>	<b>37,278.90</b>	<b>228.5</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
North	60,096,648	1,249.00	3,964.10	3,507.20	20,604.20	37.7
South	8,328,931	160.9	790.1	8.7	2,878.90	544.4
UK	7,801,687	149.5	859.5	621.1	3,653.60	88.7
LPG	5,569,160	109.9	1,331.90	1,073.00	6,321.70	80.2
<b>Total</b>	<b>81,796,426.00</b>	<b>1,669.30</b>	<b>6,945.60</b>	<b>5,210.00</b>	<b>33,458.40</b>	<b>751</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
North	55,325,319	1,148.00	3,248.40	2,835.80	16,661.10	36.8
South	8,534,991	163.6	803.6	8.7	2,964.30	135.2
UK	9,836,713	192.3	842.2	604.5	3,556.20	772.8
LPG	4,378,159	85.5	1,060.40	832.7	4,909.00	72
Total	78,075,182	1,589.40	5,954.60	4,281.70	28,090.60	1,016.80