



**South Coast Air Quality Management District**

**Phillips 66 Wilmington  
2007 Rule 1118 Quarterly Flare Emissions**

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

2007 SOx Emissions Target	Year-to-date SOx Emissions	
	2,335.20	Phillips 66, Wilmington
	134,456.80	Phillips 66, Carson
152,600	136,792.00	Total Combined Emissions

**Quarter I** (January 1, 2007 - March 31, 2007)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
North	53,887,319	1,117.80	2,487.30	2,130.90	12,521.50	46.5
South	166,847,994	3,489.90	10,361.90	9,377.60	55,092.10	120.9
UK	57,839,714	1,201.60	3,946.30	3,501.40	20,567.90	128.3
LPG	22,778,493	472.7	5,178.80	4,667.50	27,428.40	120.9
<b>Total</b>	<b>301,353,520</b>	<b>6,282.00</b>	<b>21,974.30</b>	<b>19,677.40</b>	<b>115,609.90</b>	<b>416.6</b>

**Quarter II** (April 1, 2007 - June 30, 2007)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
North	54,452,468	1,130.00	3,866.00	3,413.70	20,054.60	36.9
South	155,480,657	3,256.90	10,896.00	9,647.90	56,697.50	140.4
UK	55,298,978	1,147.10	3,975.00	3,507.90	20,607.90	148
LPG	21,732,752	454.8	5,000.40	4,488.10	26,376.20	124
<b>Total</b>	<b>286,964,855</b>	<b>5,988.80</b>	<b>23,737.40</b>	<b>21,057.60</b>	<b>123,736.20</b>	<b>449.3</b>

**Quarter III** (July 1, 2007 - September 30, 2007)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
North	55,030,100	1,142.30	2,699.00	23,328.00	13,706.80	71.2
South	157,117,700	3,285.50	11,522.40	10,449.90	31,389.90	88.8
UK	55,696,700	1,155.60	4,547.70	4,040.50	23,735.60	60.3
LPG	4,939,400	97.6	1,182.80	952.7	5,613.00	71.2
<b>Total</b>	<b>272,783,900</b>	<b>5,681</b>	<b>19,952</b>	<b>38,771</b>	<b>74,445.30</b>	<b>291.5</b>

**Quarter IV (October 1, 2007 - December 31, 2007)**

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
North	57,939,100	1,196.40	1,549.30	1,435.30	8,429.80	3.3
South	158,235,100	3,303.30	10,707.10	9,919.80	58,259.20	1,085.90
UK	57,884,700	1,194.00	4,270.00	3,956.10	23,234.00	59.3
LPG	9,963,500	200.8	2,145.40	1,987.60	11,673.40	29.3
Total	284,022,400	5,894.50	18,671.80	17,298.80	101,596.40	1,177.80