



## South Coast Air Quality Management District

### Phillips 66 Wilmington 2010 Rule 1118 Quarterly Flare Emissions

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

Emissions	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
North	49,179,711	1,019.40	2,641.40	2,282.80	13,412.70	34.6
South	8,491,378	165.1	816.1	515.5	3,045.00	337.7
UK	7,552,076	145.9	619.4	400.5	2,357.80	1,318.30
LPG	6,033,447	122.9	1,399.50	1,209.00	7,111.20	52.6
<b>Total</b>	<b>71,256,612</b>	<b>1,453.30</b>	<b>5,476.40</b>	<b>4,407.80</b>	<b>25,926.70</b>	<b>1,743.20</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
North	25,177,360	515.5	1,570.00	1,287.10	7,565.90	36.8
South	8,983,811	174.3	818	514.2	3,037.50	1,364.00
UK	16,631,417	335.1	1,183.10	918	5,397.30	961.9
LPG	2,899,937	56.9	698.7	555.2	3,271.80	45
<b>Total</b>	<b>53,692,525</b>	<b>1,081.80</b>	<b>4,269.90</b>	<b>3,274.50</b>	<b>19,272.50</b>	<b>2,407.70</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
North	9,212,544	180.6	662.9	448.3	2,639.60	38.5
South	14,858,428	297.2	1,282.00	941.2	5,545.80	7,897.30
UK	13,353,669	266.1	1,218.50	952.2	5,598.50	601
LPG	3,003,864	56.4	754.9	544.2	3,215.00	70
<b>Total</b>	<b>40,428,505</b>	<b>800</b>	<b>3,918</b>	<b>2,886</b>	<b>16,999</b>	<b>8,607</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
North	7,273,500	147.9	690.2	460.5	2,711.50	40.3
South	8,350	162	823.3	517.7	3,058.40	154.6
UK	13,702,600	371	1,739.30	1,448.00	8,512.50	947.6
LPG	2,830,400	51	657.8	494.3	2,917.30	53.3
Total	23,814,850	731.9	3,910.60	2,920.50	17,199.70	1,195.80