



South Coast Air Quality Management District

Phillips 66 Wilmington 2011 Rule 1118 Quarterly Flare Emissions

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

Emissions	Emissions (lbs)	
	9,750.60	Phillips 66, Wilmington
	34,824.70	Phillips 66, Carson
71,233	44,575.30	Total Combined Emissions

Quarter I (January 1, 2011 - March 31, 2011)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
North	7,082,000	138.5	694.2	381.7	2,255.10	64.1
South	9,081,700	169.4	977.7	526.4	3,126.20	143.5
UK	7,739,600	141.4	794.7	487.9	2,880.40	68.1
LPG	3,760,100	73.6	908.9	716.9	4,225.70	60.5
Total	27,663,400	522.9	3,375.50	2,112.90	12,487.40	336.2

Quarter II (April 1, 2011 - June 30, 2011)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
North	8,198,500	170.6	767.1	436.2	2,576.50	81.9
South	9,447,200	181.5	968.5	495.1	2,945.10	308.5
UK	18,999,300	374	1,728.60	1,324.30	7,899.10	899.1
LPG	5,826,500	117.6	1,365.70	1,153.40	6,787.40	61.5
Total	42,471,500	843.7	4,829.90	34,090.00	20,208.10	1,351.00

Quarter III (July 1, 2011 - September 30, 2011)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
North	7,355,800	135.5	648.2	321.1	1,900.60	112.9
South	19,867,300	377.1	1,278.10	796.9	4,715.60	947
UK	26,861,200	544.7	1,966.40	1,553.10	9,136.80	5,254.30
LPG	2,461,600	48.9	585.9	478.4	2,817.80	32.7
Total	56,545,900	1,106.20	4,478.60	3,149.50	18,570.80	6,346.90

Quarter IV (October 1, 2011 - December 31, 2011)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
North	7,958,273	146.7	711.9	379.8	2,245.20	135.3
South	8,965,925	194.5	1,004.40	556.3	3,301.00	1,484.70
UK	9,342,330	246.2	1,218.40	870	5,125.10	70.1
LPG	2,420,214	48.7	568.3	478	2,813.50	26.4
Total	28,686,742	636.1	3,503.00	2,284.10	13,484.80	1,716.50