



South Coast Air Quality Management District

**Phillips 66 Wilmington
2012 Rule 1118 Quarterly Flare Emissions**

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

Emissions	Emissions (lbs)	
	53,361.40	Phillips 66, Wilmington
	9,158.20	Phillips 66, Carson
50,874	62,519.60	Total Combined Emissions

Quarter I (January 1, 2012 - March 31, 2012)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
North	2,109,912	25.4	232.3	56.3	322.1	2,845.20
South	1,441,601	11.1	185.4	12.5	55.8	3.4
UK	1,384,310	12.2	171.1	16.7	90.7	493.8
LPG	3,330,663	48.2	562.2	472.8	2,782.90	26.1
Total	8,266,486	96.9	1,151.00	558.3	3,251.50	3,368.50

Quarter II (April 1, 2012 - June 30, 2012)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
North	2,255,622	643.7	417.3	104.4	598	3,791.00
South	2,289,013	10.5	175.4	12	55.2	18.7
UK	1,259,010	9.5	162.8	9.4	47.8	28.4
LPG	2,807,094	57.1	652.2	561.4	3,302.10	25.4
Total	8,610,739	720.8	1,407.70	687.2	4,003.10	3,863.50

Quarter III (July 1, 2012 - September 30, 2012)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
North	6,002,632	131.1	671	326.3	1,753.40	14,052.00
South	3,049,010	96.3	495.8	214.5	1,253.10	2,394.20
UK	2,808,506	183.2	666.5	444.3	2,586.00	4,389.20
LPG	5,572,424	111.9	1,312.80	1,096.50	6,454.70	63.8
Total	17,432,572	522.5	3,146.10	2,081.60	12,047.20	20,899.20

Quarter IV (October 1, 2012 - December 31, 2012)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
North	4,156,427	85.8	423.5	237.3	1,382.20	16,684.60
South	1,048,392	7.9	136.3	7.3	36.7	0.1
UK	1,837,877	20.7	234.9	64.6	370.9	8,537.10
LPG	3,077,209	58.1	621.1	575.5	3,379.70	8.4
Total	10,119,905	172.5	1,415.80	884.7	5,169.50	25,230.20