



South Coast Air Quality Management District

Phillips 66 Carson 2011 Rule 1118 Quarterly Flare Emissions

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

Emissions	Emissions (lbs)	
71,233	9,750.60	Phillips 66, Wilmington
	34,824.70	Phillips 66, Carson
	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
East	21,111,800	279.8	2,192.70	657.5	3,787.60	367.8
West	7,970,900	82.1	530.9	221.9	1,288.40	34.6
Total	29,082,700	361.9	2,723.60	879.4	5,076.00	402.4

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

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
East	20,483,500	305	2,366.80	800.2	4,624.80	10,741.20
West	12,288,700	109.9	684.9	381.6	2,227.80	20,109.00
Total	32,772,200	414.9	3,051.70	1,181.80	6,852.60	30,850.20

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

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
East	17,817,500	208.7	2,013.30	457.3	2,610.00	16.3
West	5,287,500	80.6	528.7	200.3	1,161.10	81.7
Total	23,105,000	289.3	2,542.00	657.6	3,771.10	98

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

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
East	17,205,667	207.4	2,008.70	471.6	2,695.00	2,135.10
West	5,666,039	84.2	519.6	202.3	1,173.20	1,339.00
Total	22,871,706	291.6	2,528.30	673.9	3,868.20	3,474.10
Total	23,056,600	285.8	2,452.00	584.9	3,344.20	300.7