



South Coast Air Quality Management District

**Paramount Petroleum Refinery
2011 Rule 1118 Quarterly Flare Emissions**

Emission Target

2011 SOx Emissions Target (lbs)	Year-to-date SOx Emissions (lbs)
25,620	46

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

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
C396	6,481,250	1.2	254	235.3	1,381.80	40.9
Total	6,481,250	1.2	254	235.3	1,381.80	40.9

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

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
C396	3,094,569	0	0.5	0.5	2.7	0.1
Total	3,094,569	0	0.5	0.5	2.7	0.1

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

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
C396	3,328,912	0	0.4	0.3	1.9	0
Total	3,328,912	0	0.4	0.3	1.9	0

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

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
C396	3,856,091	0.2	31.7	29.4	172.6	5
Total	3,856,091	0.2	31.7	29.4	172.6	5