



**South Coast Air Quality Management District**

**Paramount Petroleum Refinery  
2009 Rule 1118 Quarterly Flare Emissions**

**Emission Target**

2009 SOx Emissions Target (lbs)	Year-to-date SOx Emissions (lbs)
36,000	<b>253.8</b>

**Quarter I (January 1, 2009 - March 31, 2009)**

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
C396	9,880,923	167.6	93.6	50.3	293.3	42.9
<b>Total</b>	<b>9,880,923</b>	<b>167.6</b>	<b>93.6</b>	<b>50.3</b>	<b>293.3</b>	<b>42.9</b>

**Quarter II (April 1, 2009 - June 30, 2009)**

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
C396	9,414,177	140.2	64.7	41.5	242.5	78.8
<b>Total</b>	<b>9,414,177</b>	<b>140.2</b>	<b>64.7</b>	<b>41.5</b>	<b>242.5</b>	<b>78.8</b>

**Quarter III (July 1, 2009 - September 30, 2009)**

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
C396	9,006,240	144.3	369.9	292.6	1,716.00	131.6
<b>Total</b>	<b>9,006,240</b>	<b>144.3</b>	<b>369.9</b>	<b>292.6</b>	<b>1,716.00</b>	<b>131.6</b>

**Quarter IV (October 1, 2009 - December 31, 2009)**

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
C396	8,263,170	50.1	168.1	137.3	805.1	0.5
<b>Total</b>	<b>8,263,170</b>	<b>50.1</b>	<b>168.1</b>	<b>137.3</b>	<b>805.1</b>	<b>0.5</b>