



**South Coast Air Quality Management District**

**Tesoro Wilmington Refinery  
2011 Rule 1118 Quarterly Flare Emissions**

**Emission Target**

2011 SOx Emissions Target (lbs)	Year-to-date SOx Emissions (lbs)
50,471	24,466.00

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

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
LAR	13,321,685	80	325	168	980	1,301.00
Total	13,321,685	80	325	168	980	1,301.00

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

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
LAR	12,681,120	257	833	638	3,741.00	19,853.00
Total	12,681,120	257	833	638	3,741.00	19,853.00

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

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
LAR	17,011,295	63	355	203	1,188.00	739
Total	17,011,295	63	355	203	1,188.00	739

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

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
LAR	14,590,282	68	390	246	1,438.00	2,573.00
Total	14,590,282	68	390	246	1,438.00	2,573.00