



South Coast Air Quality Management District

**Tesoro Wilmington Refinery
2014 Rule 1118 Quarterly Flare Emissions**

Emission Target (Includes the combined totals from the Carson Sulfur Recovery Plant and Wilmington Refinery facilities)

2014 SOx Emissions Target (lbs)	Year-to-date SOx Emissions (lbs)	
36,051	1,928.0	Tesoro, Wilmington Refinery
	867.7	Tesoro, Carson Sulfur Recovery Plant
	2,795.7	Total Combined Emissions

Quarter I (January 1, 2014 - March 31, 2014):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
LAR	9,553,103	51.0	694.4	63.8	343.5	1,071.2
Total	9,553,103	51.0	694.4	63.8	343.5	1,071.2

Quarter II (April 1, 2014 - June 30, 2014):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
LAR	8,465,643	16.9	130.7	47.4	274.2	140.2
Total	8,465,643	16.9	130.7	47.4	274.2	140.2

Quarter III (July 1, 2014 - September 30, 2014):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
LAR	9,275,229	71.6	1,008.4	97.2	525.8	82.5
Total	9,275,229	71.6	1,008.4	97.2	525.8	82.5

Quarter IV (October 1, 2014 - December 31, 2014):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
LAR	9,162,115	17.3	110.90	38.1	223.2	634.1
Total	9,162,115	17.3	110.90	38.1	223.2	634.1