



South Coast Air Quality Management District

**Tesoro Wilmington Refinery
2016 Rule 1118 Quarterly Flare Emissions**

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

2016 SOx Emissions Target (lbs)	Year-to-Date SOx Emissions (lbs)	
36,000	5,167.9	Tesoro, Wilmington Refinery
	16.0	Tesoro, Carson Sulfur Recovery Plant
	5,183.9	Total Combined Emissions

Quarter I (January 1, 2016 - March 31, 2016):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
LAR	10,214,135	64.0	709.0	149.0	849.0	4,805.0
Total	10,214,135	64.0	709.0	149.0	849.0	4,805.0

Quarter II (April 1, 2016 - June 30, 2016):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
LAR	6,814,652	53.8	869.6	55.4	284.6	38.7
Total	6,814,652	53.8	869.6	55.4	284.6	38.7

Quarter III (July 1, 2016 - September 30, 2016):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
LAR	8,030,017	71.3	985.4	98.1	515.2	134.9
Total	8,030,017	71.3	985.4	98.1	515.2	134.9

Quarter IV (October 1, 2016 - December 31, 2016):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
LAR	8,777,289	83.7	1,101.8	124.0	680.0	189.3
Total	8,777,289	83.7	1,101.8	124.0	680.0	189.3