



**South Coast Air Quality Management District**

**Tesoro Wilmington Refinery  
2018 Rule 1118 Quarterly Flare Emissions**

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

2018 SOx Emissions Target (lbs)	Year-to-Date SOx Emissions (lbs)	
36,000	1,335.0	Tesoro, Wilmington Refinery
	4.5	Tesoro, Carson Sulfur Recovery Plant
	1,339.5	Total Combined Emissions

**Quarter I (January 1, 2018 - March 31, 2018):**

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
LAR	7,958,683.0	70.6	984.1	100.4	543.9	466.2
<b>Total</b>	7,958,683.0	70.6	984.1	100.4	543.9	466.2

**Quarter II (April 1, 2018 - June 30, 2018):**

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
Flare 1	3,391,791.0	26.4	436.9	28.4	146.5	20.9
Flare 2	5,731,156.0	46.0	736.4	57.7	305.2	45.4
<b>Total</b>	9,122,947.0	72.4	1173.3	86.1	451.7	66.3

**Quarter III (July 1, 2018 - September 30, 2018):**

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
Flare 1	3,111,206.0	26.0	391.8	32.3	171.7	73.7
Flare 2	5,917,181.0	52.4	733.1	78.3	427.2	498.1
<b>Total</b>	9,028,387.0	78.4	1124.9	110.6	598.9	571.8

**Quarter IV (October 1, 2018 - December 31, 2018):**

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
Flare 1	1,213,856.0	11.0	80.0	32.7	189.7	48.5
Flare 2	1,067,524.0	10.6	121.6	13.3	72.8	182.2