



South Coast Air Quality Management District

**Tesoro Carson Sulfur Recovery Plant
2019 Rule 1118 Quarterly Flare Emissions**

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

2019 SOx Emissions Target (lbs)	Year-to-Date SOx Emissions (lbs)	
36,000	3.7	Tesoro, Carson Sulfur Recovery Plant
	29,004.4	Tesoro, Wilmington Refinery
	29,008.2	Total Combined Emissions

Quarter I (January 1, 2019 - March 31, 2019):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
SRP	3,336,730	25.0	433.8	23.4	116.8	2.8
Total	3,336,730	25.0	433.8	23.4	116.8	2.8

Quarter II (April 1, 2019 - June 30, 2019):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
SRP	491,838	3.7	63.9	3.4	17.2	0.4
Total	491,838	3.7	63.9	3.4	17.2	0.4

Quarter III (July 1, 2019 - September 30, 2019):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
SRP	332,914	2.5	43.3	2.3	11.7	0.3
Total	332,914	2.5	43.3	2.3	11.7	0.3

Quarter IV (October 1, 2019 - December 31, 2019):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
SRP	319,516.2	2.4	41.5	2.2	11.2	0.3
Total	319,516.2	2.4	41.5	2.2	11.2	0.3

*All data is subject to change per Rule 1118 reporting standards