



South Coast Air Quality Management District

Tesoro Carson Sulfur Recovery Plant
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	16.0	Tesoro, Carson Sulfur Recovery Plant
	5,167.9	Tesoro, Wilmington Refinery
	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
SRP	3,776,376	34.0	585.0	32.0	158.0	4.0
Total	3,776,376	34.0	585.0	32.0	158.0	4.0

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

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
SRP	3,142,519	24.2	405.6	24.8	127.0	0.5
Total	3,142,519	24.2	405.6	24.8	127.0	0.5

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

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
SRP	2,728,215	20.5	354.7	19.1	95.5	5.9
Total	2,728,215	20.5	354.7	19.1	95.5	5.9

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

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
SRP	2,648,154	19.9	344.3	18.5	92.7	5.6
Total	2,648,154	19.9	344.3	18.5	92.7	5.6