



South Coast Air Quality Management District

**Tesoro Wilmington Refinery
2021 Rule 1118 Quarterly Flare Emissions**

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

2021 SOx Emissions Target (lbs)	Year-to-Date SOx Emissions (lbs)	
36,000	5,134.3	Tesoro, Wilmington Refinery
	2.2	Tesoro, Sulfur Recovery Plant
	5,136.5	Total Combined Emissions

Quarter I (January 1, 2021 - March 31, 2021):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
Flare 1	2,946,240.6	23.4	377.7	90.1	132.7	23.6
Flare 2	2,856,272.9	21.4	371.3	20.0	100.0	2.4
Total	5,802,513.4	44.8	749.0	110.1	232.6	26.0

Quarter II (April 1, 2021 - June 30, 2021):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
Flare 1	3,255,645.6	30.5	389.6	372.6	264.0	61.4
Flare 2	2,822,341.3	21.2	366.9	19.8	98.8	2.3
Total	6,077,986.9	51.6	756.5	392.3	362.8	63.8

Quarter III (July 1, 2021 - September 30, 2021):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
Flare 1	7,428,266.2	118.1	943.4	5030.2	2451.7	39764.6
Flare 2	3,738,085.7	39.8	481.1	809.3	471.0	5042.1
Total	11,166,351.9	157.9	1424.6	5839.4	2922.6	44806.7

Quarter IV (October 1, 2021 - December 31, 2021):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
Flare 1	2,915,916.0	21.9	379.1	20.4	102.1	2.4
Flare 2	2,949,975.3	22.3	382.7	27.5	106.1	2.4
Total	5,865,891.3	44.1	761.8	47.9	208.2	4.9