South Coast Air Quality Management District

Tesoro Wilmington Refinery
2017 Rule 1118 Quarterly Flare Emissions

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

2017 SOx Emissions Target (lbs)	Year-to-Date SOx Emissions (lbs)	
36,000	11,935.5	Tesoro, Wilmington Refinery
	39.8	Tesoro, Carson Sulfur Recovery Plant
	11,975.3	Total Combined Emissions

Quarter l (January 1, 2017 - March 31, 2017):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
LAR	5,270,379	52.7	639.6	105.3	592.1	2,937.1
Total	5,270,379	52.7	639.6	105.3	592.1	2,937.1

Quarter ll (April 1, 2017 - June 30, 2017):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
LAR	8,613,489	87.1	1,097.7	230.6	1,308.7	7,251.4
Total	8,613,489	87.1	1,097.7	230.6	1,308.7	7,251.4

Quarter lll (July 1, 2017 - September 30, 2017):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
LAR	15,121,700	120.0	1,924.6	122.7	631.2	114.1
Total	15,121,700	120.0	1,924.6	122.7	631.2	114.1

Quarter lV (October 1, 2017 - December 31, 2017):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
LAR	14,853,600	125.8	1,851.9	148.4	785.4	1,632.9
Total	14,853,600	125.8	1,851.9	148.4	785.4	1,632.9