



**South Coast Air Quality Management District**

**Tesoro Carson Sulfur Recovery Plant  
2013 Rule 1118 Quarterly Flare Emissions**

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

2013 SOx Emissions Target (lbs)	Year-to-date SOx Emissions (lbs)	
	4,691.90	Tesoro, Wilmington Refinery
	48.4	Tesoro, Carson Sulfur Recovery Plant
36,051	4,740.30	Total Combined Emissions

**Quarter I (January 1, 2013 - March 31, 2013)**

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
SRP	3,747,483	28.1	487	26.4	132.1	8.1
<b>Total</b>	<b>3,747,483</b>	<b>28.1</b>	<b>487</b>	<b>26.4</b>	<b>132.1</b>	<b>8.1</b>

**Quarter II (April 1, 2013 - June 30, 2013)**

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
SRP	4,346,375	33.7	563.4	34.7	177.7	26.9
<b>Total</b>	<b>4,346,375</b>	<b>33.7</b>	<b>563.4</b>	<b>34.7</b>	<b>177.7</b>	<b>26.9</b>

**Quarter III (July 1, 2013 - September 30, 2013)**

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
SRP	4,320,047	32.1	555.8	29.9	149.6	9.4
<b>Total</b>	<b>4,320,047</b>	<b>32.1</b>	<b>555.8</b>	<b>29.9</b>	<b>149.6</b>	<b>9.4</b>

**Quarter IV (October 1, 2013 - December 31, 2013)**

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
SRP	4,156,479	31.8	537.6	31.9	162.2	4
<b>Total</b>	<b>4,156,479</b>	<b>31.8</b>	<b>537.6</b>	<b>31.9</b>	<b>162.2</b>	<b>4</b>