



**South Coast Air Quality Management District**

**Chevron  
2017 Rule 1118 Quarterly Flare Emissions**

**Emission Target**

2017 SOx Emissions Target (lbs)	Year-to-Date SOx Emissions (lbs)
95,200	582.8

**Quarter I (January 1, 2017 - March 31, 2017):**

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
LSFO	9,604,447	72.0	1,248.6	67.2	336.2	8.0
Coker	5,800,223	43.5	754.0	40.6	203.0	4.8
FCC	22,404,315	169.0	2,907.9	161.0	809.0	21.2
Isomax	12,044,646	90.6	1,564.4	85.5	428.9	10.0
Alky Flare	2,454,401	18.4	319.1	17.2	85.9	2.0
Ground Flare	12	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	<b>52,308,044</b>	<b>393.5</b>	<b>6,794.0</b>	<b>371.5</b>	<b>1,863.0</b>	<b>46.0</b>

**Quarter II (April 1, 2017 - June 30, 2017):**

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
LSFO	10,044,138	75.3	1,305.7	70.3	351.5	8.3
Coker	5,882,108	44.1	764.7	41.2	205.9	4.9
FCC	22,277,076	167.1	2,896.0	155.9	779.7	18.5
Isomax	12,888,636	107.5	1,603.8	114.5	598.5	74.7
Alky Flare	2,281,631	17.1	296.6	16.0	79.9	1.9
Ground Flare	0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	<b>53,373,589</b>	<b>411.1</b>	<b>6,866.8</b>	<b>397.9</b>	<b>2,015.5</b>	<b>108.3</b>

**Quarter III (July 1, 2017 - September 30, 2017):**

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
LSFO	8,221,157	61.7	1,068.7	57.6	287.8	6.8
Coker	6,095,468	45.7	792.4	42.7	213.3	5.1
FCC	22,495,711	173.8	2,907.9	184.5	948.2	261.8
Isomax	12,980,848	113.1	1,586.8	130.0	691.6	97.6
Alky Flare	2,373,702	17.8	308.6	16.6	83.1	2.0
Ground Flare	0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	<b>52,166,886</b>	<b>412.1</b>	<b>6,664.4</b>	<b>431.4</b>	<b>2224.0</b>	<b>373.3</b>

**Quarter IV (October 1, 2017 - December 31, 2017):**

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
LSFO	8,263,804	62.0	1,074.3	57.9	289.2	6.9
Coker	6,253,812	46.9	813.0	43.8	219.0	5.2
FCC	15,859,411	132.8	2,060.7	226.6	1,240.1	26.5
Isomax	12,953,309	99.0	1,675.2	98.3	499.0	14.6
Alky Flare	2,364,344	17.7	307.4	16.6	82.8	2.0
Ground Flare	0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	<b>45,694,680</b>	<b>358.4</b>	<b>5,930.6</b>	<b>443.2</b>	<b>2,330.1</b>	<b>55.2</b>