



South Coast Air Quality Management District

**Chevron
2019 Rule 1118 Quarterly Flare Emissions**

Emission Target

2019 SOx Emissions Target (lbs)	Year-to-Date SOx Emissions (lbs)
95,200	1,482.7

Quarter I (January 1, 2019 - March 31, 2019):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
LSFO	8,965,718	101.8	1,178.6	179.3	1,003.7	341.4
Coker	5,996,572	50.1	786.0	63.8	338.9	108.2
FCC	21,458,186	223.9	3,180.6	515.8	2,898.5	30.1
Isomax	12,053,206	444.2	2,279.0	884.6	5,129.4	68.3
Alky Flare	2,256,640	43.6	490.3	198.3	1,150.7	1.8
Ground Flare	20,485,905	31.1	690.9	29.0	6,251.4	0.6
Total	71,216,226	894.6	8,605.4	1,870.8	16,772.7	550.4

Quarter II (April 1, 2019 - June 30, 2019):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	SOx
LSFO	8,040,829	60.4	1,045.0	56.6	283.0	6.7
Coker	5,734,754	43.0	745.5	40.1	200.7	4.8
FCC	21,277,296	159.6	2,766.0	149.0	744.9	17.7
Isomax	10,287,739	80.9	1,317.7	85.6	441.8	24.2
Alky Flare	2,124,894	15.9	276.2	14.9	74.4	1.8
Ground Flare	43,464,757	64.2	1,437.3	59.8	13,343.8	1.1
Total	90,930,268	424.1	7,587.8	406.0	15,088.6	56.1

Quarter III (July 1, 2019 - September 30, 2019):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NO _x	ROG	CO	SO _x
LSFO	9,154,047	68.7	1,189.9	64.2	321.1	11.5
Coker	5,424,807	41.8	701.4	44.0	226.0	199.9
FCC	22,482,820	175.2	2,913.5	203.8	1,062.4	189.4
Isomax	12,086,304	100.0	1,529.1	124.1	659.3	209.1
Alky Flare	2,336,633	17.6	303.8	16.9	85.2	1.9
Ground Flare	0	0.0	0.0	0.0	0.0	0.0
Total	51,484,611	403.3	6,637.7	453.1	2354.1	611.8

Quarter IV (October 1, 2019 - December 31, 2019):

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NO _x	ROG	CO	SO _x
LSFO	9,349,821	70.1	1,215.5	65.4	327.2	7.8
Coker	4,084,959	30.7	530.8	28.8	144.3	3.4
FCC	19,546,099	148.2	2,539.7	149.0	756.3	83.2
Isomax	12,934,373	134.8	1,455.5	199.1	1,107.6	167.9
Alky Flare	2,452,929	18.5	318.9	17.6	88.6	2.0
Ground Flare	0	0.0	0.0	0.0	0.0	0.0
Total	48,368,181	402.3	6,060.4	460.0	2,424.0	264.3

*All data is subject to change per Rule 1118 reporting standards