

Chevron Richmond Refinery Monthly Flare Data Report

Month: December 2019

Flare Name: FCC Flare

Vent Gas Volume (SCF) (Note 10)		Emissions (lbs)		
Date	Daily Total Vent Gas (Note 6, 7)	Methane	Non- methane	Sulfur Dioxide
1	0	0.0	0.0	0.0
2	0	0.0	0.0	0.0
3	0	0.0	0.0	0.0
4	0	0.0	0.0	0.0
5	0	0.0	0.0	0.0
6	0	0.0	0.0	0.0
7	0	0.0	0.0	0.0
8	0	0.0	0.0	0.0
9	0	0.0	0.0	0.0
10	0	0.0	0.0	0.0
11	370	0.1	0.5	1.1
12	0	0.0	0.0	0.0
13	0	0.0	0.0	0.0
14	0	0.0	0.0	0.0
15	0	0.0	0.0	0.0
16	0	0.0	0.0	0.0
17	0	0.0	0.0	0.0
18	153	0.0	0.2	0.5
19	0	0.0	0.0	0.0
20	511	0.1	0.8	0.2
21	116,624	17.5	178.7	38.5
22	69,604	10.5	106.7	23.0
23	159,185	23.9	243.9	52.6
24	70,066	10.5	107.4	23.1
25	642	0.1	1.0	0.2
26	11,637	1.7	17.8	3.8
27	57,070	8.6	87.4	18.9
28	7,854	1.2	12.0	2.6
29	0	0.0	0.0	0.0
30	0	0.0	0.0	0.0
31	0	0.0	0.0	0.0
Monthly Total	493,716	74	756	164

For any 24-hour period in the reported month, there were no events where more than 1 MMSCF of vent gas was flared from FCC flare.
Natural gas is used for pilot and purge gases. The flow rates are reported based on orifice plate and differential pressure transmitter data, and appropriate correction factors as needed.