

# Chevron Richmond Refinery Monthly Flare Data Report

Month: June 2019

Flare Name: H2 Flare

Date	Vent Gas Volume (SCF)	Emissions (lbs)		
	Daily Total Vent Gas (Note 6)	Methane	Non-methane	Sulfur Dioxide
1	74,727	53.6	7.9	0.0
2	74,505	53.4	7.9	0.0
3	85,363	61.3	8.7	0.0
4	103,264	75.2	10.2	0.0
5	102,342	74.6	9.4	0.0
6	98,310	71.6	8.9	0.0
7	123,355	84.3	10.8	0.0
8	117,834	86.1	10.8	0.0
9	123,504	87.0	16.0	0.0
10	136,657	96.3	12.4	0.0
11	481,018	146.3	14.9	0.0
12	1,078,342	642.0	71.0	0.2
13	12,294,499	1,952.0	103.7	0.2
14	4,050,934	1,336.1	50.0	0.0
15	83,975	63.7	7.3	0.0
16	96,011	71.2	8.1	0.0
17	124,471	89.2	10.8	0.0
18	104,325	77.0	9.6	0.0
19	110,833	81.9	10.4	0.0
20	117,199	85.3	10.3	0.0
21	108,688	80.0	10.0	0.0
22	127,088	89.6	11.6	0.0
23	189,328	111.0	22.0	0.0
24	113,127	84.0	11.0	0.0
25	112,847	84.2	11.2	0.0
26	109,082	81.2	11.0	0.0
27	109,795	74.9	10.0	0.0
28	85,997	62.7	8.3	0.0
29	95,452	69.5	9.4	0.0
30	141,115	84.5	18.2	0.0
Monthly Total	20,773,989	6,110	522	1

For any 24-hour period in June 2019, there were two events where more than 1 MMSCF of vent gas was flared from H2 flare. Natural gas is used for pilot gas and both natural gas and nitrogen are used as purge gas. The flow rates are measured by rotameters and coriolis meters.