

Chevron Richmond Refinery Monthly Flare Data Report

Month: July 2019

Flare Name: H2 Flare

Date	Vent Gas Volume (SCF)	Emissions (lbs)		
	Daily Total Vent Gas (Note 6)	Methane	Non-methane	Sulfur Dioxide
1	127,372	94	12	0
2	123,567	92	12	0
3	104,924	77	10	0
4	110,876	81	11	0
5	101,809	74	10	0
6	106,761	78	10	0
7	106,748	75	9	0
8	110,894	81	10	0
9	111,067	82	10	0
10	105,586	78	9	0
11	107,622	78	9	0
12	126,184	79	17	0
13	115,903	74	8	0
14	4,775,175	1,500	89	0
15	2,441,371	1,181	861	3
16	10,687,656	7,936	1,049	0
17	1,077,408	499	19	0
18	103,659	69	11	0
19	88,214	61	8	0
20	112,304	80	11	0
21	123,247	86	11	0
22	87,665	63	9	0
23	82,153	59	8	0
24	106,105	75	9	0
25	128,013	92	12	0
26	124,321	89	12	0
27	126,897	91	11	0
28	115,380	83	10	0
29	114,095	80	10	0
30	93,568	68	8	0
31	103,989	72	8	0
Monthly Total	21,950,536	13,228	2,296	4

For any 24-hour period in July 2019, there were three 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.