

# Chevron Richmond Refinery Monthly Flare Data Report

Month: April 2019

Flare Name: H2 Flare

Date	Vent Gas Volume (SCF) (Note 7)	Emissions (lbs)			Notes
	Daily Total Vent Gas (Note 6)	Methane	Non- methane	Sulfur Dioxide	
1	2,322,340	409	51	1	
2	4,765,226	335	42	1	
3	7,192,241	433	58	3	
4	48,421,866	527	97	9	
5	63,214,664	551	118	14	
6	58,126,460	564	110	12	
7	37,223,853	557	87	8	
8	18,012,812	545	75	6	
9	8,024,412	350	41	2	
10	22,587,949	512	71	5	
11	16,377,222	490	59	3	
12	3,473,076	234	27	1	
13	7,189,932	127	18	1	
14	26,807	9	1	0	
15	3,534,138	161	20	1	
16	46,831	17	2	0	
17	59,668	29	3	0	
18	77,797	56	6	0	
19	75,883	55	6	0	
20	75,255	55	6	0	
21	73,600	53	6	0	
22	80,196	58	7	0	
23	80,022	57	7	0	
24	101,224	71	11	0	
25	120,375	72	10	0	
26	75,469	54	6	0	
27	86,918	60	7	0	
28	71,524	52	6	0	
29	68,412	49	6	0	
30	74,900	54	6	0	
Monthly Total	301,661,074	6,599	973	67	

For any 24-hour period in April 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. There was monitoring system downtime experienced during April 2019.