

Chevron Richmond Refinery Monthly Flare Data Report

Month: April 2019

Flare Name: H2 Flare

Vent Gas Volume (SCF) (Note 7)		Emissions (lbs)		
Date	Daily Total Vent Gas (Note 6)	Methane	Non- methane	Sulfur Dioxide
1	2,267,432	357	45	1
2	4,815,485	334	42	1
3	7,319,681	441	59	3
4	48,556,148	531	98	9
5	63,349,682	552	119	14
6	58,260,796	565	110	12
7	37,357,987	559	87	8
8	18,146,951	550	76	6
9	8,109,164	351	41	2
10	22,716,794	516	72	5
11	16,506,282	495	60	3
12	3,514,096	231	26	1
13	7,216,608	127	18	1
14	22,253	5	1	0
15	3,560,229	160	20	1
16	45,323	16	2	0
17	23,139	3	0	0
18	1,589	1	0	0
19	2,129	2	0	0
20	161	0	0	0
21	493	0	0	0
22	4,048	3	0	0
23	5,314	4	0	0
24	15,443	10	3	0
25	43,232	19	4	0
26	1,986	1	0	0
27	13,457	7	1	0
28	181	0	0	0
29	900	1	0	0
30	430	0	0	0
Monthly Total	301,877,417	5,842	884	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.