

Chevron Richmond Refinery Monthly Flare Data Report

Month: February 2019

Flare Name: H2 Flare

Vent Gas Volume (SCF) (Note 6 and 7)		Emissions (lbs)		
Date	Daily Total Vent Gas (Note 6)	Methane	Non- methane	Sulfur Dioxide
1	151,424	53	13	0
2	2,758,981	1,439	225	7
3	59,150,060	6,578	510	18
4	49,004,025	697	225	9
5	43,849,967	573	224	28
6	8,047,370	392	44	1
7	6,270,028	574	67	1
8	6,645,431	1,099	67	0
9	123,386	52	9	0
10	124,098	45	11	1
11	121,520	43	9	0
12	113,279	40	8	0
13	121,156	43	9	0
14	162,062	52	19	0
15	139,391	42	11	0
16	154,750	42	14	0
17	121,548	34	9	0
18	123,416	35	9	0
19	211,837	44	13	0
20	174,938	35	9	0
21	99,632	27	7	0
22	113,591	31	9	0
23	109,507	31	9	0
24	105,410	29	8	0
25	116,476	30	19	0
26	95,498	25	8	0
27	114,583	30	9	0
28	340,932	78	80	0
Monthly Total	178,664,296	12,191	1,653	66

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