

Daily Flare Monitoring Data - Bridgeton Landfill
January 2017

Date	Average Device Flow* (scfm)				Total Avg. Flow** (scfm)
	Utility Flare (FL-100)	Utility Flare (FL-120)	Utility Flare (FL-140)	EP14 NQ Utility Flare***	
1/1/2017	0	0	1,533	190	1,724
1/2/2017	0	0	1,510	192	1,702
1/3/2017	0	0	1,504	195	1,698
1/4/2017	0	0	1,516	218	1,734
1/5/2017	0	0	1,504	166	1,670
1/6/2017	0	0	1,499	121	1,620
1/7/2017	0	0	1,481	145	1,627
1/8/2017	0	0	1,437	150	1,588
1/9/2017	0	0	1,394	157	1,551
1/10/2017	0	0	1,426	165	1,592
1/11/2017	0	0	1,468	169	1,637
1/12/2017	0	0	1,446	156	1,602
1/13/2017	0	0	1,435	154	1,589
1/14/2017	0	0	1,412	159	1,571
1/15/2017	0	0	1,407	164	1,571
1/16/2017	0	0	1,403	184	1,588
1/17/2017	0	0	1,453	200	1,653
1/18/2017	0	0	1,519	203	1,721
1/19/2017	0	0	1,560	207	1,767
1/20/2017	0	0	1,557	203	1,760
1/21/2017	0	0	1,602	211	1,813
1/22/2017	0	0	1,560	191	1,750
1/23/2017	0	0	1,544	190	1,734
1/24/2017****	0	0	1,571	195	1,765
1/25/2017****	0	0	1,554	196	1,750
1/26/2017****	0	0	1,683	194	1,878
1/27/2017	0	0	1,592	198	1,790
1/28/2017	0	0	1,575	199	1,774
1/29/2017	0	0	1,579	194	1,773
1/30/2017	0	0	1,601	186	1,787
1/31/2017	0	0	1,584	205	1,789
				Average	1,696

* Flows normalized to **Blower Outlet Flowmeter - EPA Method 2 measurement verified

*** On 3/18/2016, the Bridgeton Landfill began separating the North Quarry gas to the Auxiliary Flare.

**** KURZ FM was partially/not functional during this date and all flow was being routed through FL-140. The velocity/flow was recorded by the Fleetzoom Flow Meter for FL-140.

Flare Station Lab Data

South Quarry

Date	CH4	CO2	O2	N2	H2	CO (ppm)	Comments:
1/5/2016	11.2	37.6	7.7	32.1	10.7	1000	Gas concentrations based on average of Blower Outlet 1 and Blower Outlet 2
2/2/2016	11.8	37.7	7.8	31.0	10.9	1050	Gas concentrations based on average of Blower Outlet 1 and Blower Outlet 2
3/2/2016	10.7	34.6	8.8	35.3	9.6	910	Gas concentrations based on gas concentration in Outlet B
4/12/2016	8.2	37.0	8.1	35.0	10.5	1050	Gas concentrations based on average of Blower Outlet 1 and Blower Outlet 2
5/3/2016	9.2	41.3	6.3	29.5	12.4	1200	Gas concentrations based on average of Blower Outlet 1 and Blower Outlet 2
6/7/2016	8.8	40.3	6.9	30.5	12.1	1200	Gas concentrations based on average of Blower Outlet 1 and Blower Outlet 2
7/5/2016	9.5	41.2	6.5	29.0	12.1	1100	Gas concentrations based on gas concentration in Blower Outlet B
8/9/2016	10.1	39.3	6.8	30.7	11.4	1100	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
9/7/2016	8.7	39.4	6.9	31.9	11.4	940	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
10/4/2016	9.6	41.6	6.0	28.8	12.4	1000	Gas concentrations based on average of SQ OU 1 and SQ OU 2
11/1/2016	10.4	42.4	5.7	27.2	12.5	900	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
12/6/2016	9.3	37.8	7.7	32.4	12.0	840	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
1/4/2017	9.8	38.7	7.4	30.6	12.8	815	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
2/7/2017	9.7	37.7	7.9	31.7	12.2	840	Gas concentrations based on average of Blower Outlet A and Blower Outlet B

North Quarry

Date	CH4	CO2	O2	N2	H2	CO (ppm)	Comments:
4/12/2016	47.0	38.0	1.8	11.5	ND	47.5	Gas concentrations based on average of NQ EP14 and EP14 2
5/3/2016	49.0	37.2	ND	11.8	ND	ND	Gas concentrations based on average of NQ EP14 1 and EP14 2
6/7/2016	41.0	33.1	3.5	21.5	ND	ND	Gas concentrations based on average of NQ EP14 1 and EP14 2
7/5/2016	47.3	36.2	2.8	13.3	ND	ND	Gas concentrations based on average of NQ EP14 A and EP14 B
8/9/2016	51.3	38.5	1.0	7.8	ND	ND	Gas concentrations based on average of NQ EP14 A and EP14 B
9/7/2016	49.2	37.6	2.0	10.3	ND	ND	Gas concentrations based on average of NQ EP14 A and EP14 B
10/4/2016	46.1	35.8	2.3	14.9	ND	ND	Gas concentrations based on average of NQ EP14 A and EP14 B
11/1/2016	40.4	31.3	5.0	22.6	ND	ND	Gas concentrations based on average of NQ EP14 A and EP14 B
12/6/2016	46.0	36.1	1.9	14.9	ND	ND	Gas concentrations based on average of NQ EP14 A and EP14 B
1/4/2017	40.7	34.1	2.1	22.0	ND	ND	Gas concentrations based on average of NQ EP14 A and EP14 B
2/7/2017	47.1	36.5	0.9	13.8	ND	ND	Gas concentrations based on average of NQ EP14 A and EP14 B

Date	South Quarry						North Quarry						Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	Main Flare Station Total Utility Flare Flow	Aux. Utility Flare Flow (scfm)	Total Flow
	CH4	CO2	O2	Bal.	Press./Vac.	Gas Inlet Temp (°F)	CH4	CO2	O2	Bal.	Press./V ac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
1/1/2016													0	0	3,193	3,193		3,193
1/2/2016													0	0	3,197	3,197		3,197
1/3/2016													0	0	3,116	3,116		3,116
1/4/2016	10.7	30.8	10.3	48.2	19.45	62							0	0	3,043	3,043		3,043
1/5/2016	12.5	34.5	8.1	44.9	16.4	57							0	0	2,957	2,957	23	2,980
1/6/2016	12.1	35.4	8.5	44	18.05	66							0	0	2,687	2,687	427	3,115
1/7/2016	12.2	37.1	8.4	42.3	18.19	70							0	0	2,929	2,929	242	3,170
1/8/2016	12.4	38.4	8.2	41	18.8	81							0	0	3,098	3,098		3,098
1/9/2016	12.4	32.5	8.9	46.2	18.05	60							0	0	3,040	3,040		3,040
1/10/2016	12.2	34.6	8.3	44.9	17.5	60							0	0	2,945	2,945		2,945
1/11/2016	12.2	33.5	8.4	45.9	17.26	20.9							0	0	2,983	2,983		2,983
1/12/2016	12.7	32.7	8.7	45.9	17.03	25.4							0	0	2,957	2,957		2,957
1/13/2016	12.7	35.1	8.9	43.3	17.09	52							0	0	2,968	2,968		2,968
1/14/2016	12.7	36.9	7.7	42.7	17.44	70							0	0	2,981	2,981		2,981
1/15/2016	12.6	40	7.3	40.1	17.87	80							0	0	2,973	2,973		2,973
1/16/2016													0	0	2,985	2,985		2,985
1/17/2016													0	0	3,006	3,006		3,006
1/18/2016	12.1	33.6	10	44.3	16.12	37							0	0	2,970	2,970		2,970
1/19/2016	10.9	34.6	10	44.5	35.59	58							0	0	2,930	2,930	28	2,958
1/20/2016	11.2	33.1	9.5	46.2	24.85	61							0	0	2,986	2,986		2,986
1/21/2016	11.5	30.2	10.2	48.1	21.89	53							0	0	2,977	2,977		2,977
1/22/2016	11.2	33.7	10	45.1	23.44	53							0	0	3,029	3,029		3,029
1/23/2016													0	0	3,065	3,065		3,065
1/24/2016													0	0	3,070	3,070		3,070
1/25/2016	12.6	36.4	8.6	42.4	26.31	68							0	0	2,952	2,952		2,952
1/26/2016	11.5	33.9	9	45.6	17.56	60							0	0	2,909	2,909		2,909
1/27/2016	12.5	32.1	9	46.4	17.56	65							0	0	2,934	2,934		2,934
1/28/2016	12.6	37	8.2	42.2	16.16	70							0	0	2,848	2,848		2,848
1/29/2016	12.6	34.3	8.9	44.2	15.57	63							0	0	2,836	2,836		2,836
1/30/2016													0	0	2,830	2,830		2,830
1/31/2016													0	0	2,805	2,805		2,805
2/1/2016	12.7	37.6	8	41.7	15.51	77							0	0	2,846	2,846		2,846
2/2/2016	12.6	38.1	7.9	41.4	20.51	72							0	0	2,899	2,899	11	2,910
2/3/2016	11.2	35.2	9.5	44.1	22.79	70							0	0	2,861	2,861		2,861
2/4/2016	11.4	36.1	8.6	43.9	29.18	56							0	0	2,795	2,795		2,795
2/5/2016	11.5	37.7	8.4	42.4	28.27	59							0	0	2,783	2,783		2,783
2/6/2016													0	0	2,977	2,977	4	2,981
2/7/2016													0	0	2,986	2,986		2,986
2/8/2016	11.2	35.4	9.8	43.6	17.52	55							0	0	3,047	3,047		3,047
2/9/2016	10.2	32.7	10.4	46.7	21.92	45							0	0	3,137	3,137		3,137
2/10/2016	9.3	33.4	11.1	46.2	36.63	50							0	0	2,812	2,812		2,812
2/11/2016	11.5	34.3	9.2	45	25.66	44							0	0	2,849	2,849		2,849
2/12/2016	10.8	33.3	9.9	46	18.68	54							0	0	2,934	2,934		2,934
2/13/2016													0	0	2,898	2,898		2,898
2/14/2016													0	0	2,904	2,904		2,904
2/15/2016	10.7	37	9.1	43.2	21.07	56							0	0	2,912	2,912		2,912
2/16/2016	11.8	36.5	9	42.7	18.06	88							0	0	2,850	2,850		2,850
2/17/2016	11.6	34	9.3	45.1	13.78	51							0	0	2,788	2,788		2,788
2/18/2016	12.2	31.6	9.4	46.8	22.5	61							0	0	2,987	2,987		2,987

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	CH4	CO2	O2	Bal.	Press./Vac.	Gas Inlet Temp (°F)	CH4	CO2	O2	Bal.	Press./V ac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
2/19/2016	13.4	38.1	8.2	40.3	21.62	80							0	0	2,943	2,943		2,943
2/20/2016													0	0	2,951	2,951		2,951
2/21/2016													0	0	2,872	2,872		2,872
2/22/2016	12.3	36.8	8.2	42.7	16.28	64							0	0	2,793	2,793		2,793
2/23/2016	12.7	37.9	7.6	41.8	13.59	62							0	0	2,863	2,863		2,863
2/24/2016	13.1	40.5	6.8	39.6	24.43	75							0	0	2,925	2,925		2,925
2/25/2016	12.1	34.7	9.3	43.9	13.25	57							0	0	2,900	2,900		2,900
2/26/2016	11.4	32.8	9.5	46.3	17.64	59							0	0	2,929	2,929		2,929
2/27/2016													0	0	2,984	2,984		2,984
2/28/2016													0	0	2,960	2,960		2,960
2/29/2016	11.3	37.3	9.1	42.3	17.52	66							0	0	2,900	2,900		2,900
3/1/2016													0	0	2,852	2,852	24	2,876
3/2/2016	10.9	34.6	9.7	44.8	30.8	57							0	0	2,881	2,881		2,881
3/3/2016	11.7	35.6	9	43.7	31.33	68							0	0	2,863	2,863		2,863
3/4/2016	11.1	32.6	9.6	46.7	30.28	64							0	0	2,818	2,818		2,818
3/5/2016													0	0	2,826	2,826		2,826
3/6/2016													0	0	2,836	2,836		2,836
3/7/2016													0	0	2,902	2,902		2,902
3/8/2016													0	0	2,912	2,912		2,912
3/9/2016	12.2	37.1	8.4	42.3	32.37	91							0	0	2,999	2,999		2,999
3/10/2016	11.3	35.1	8.9	44.7	33.68	78							0	0	2,954	2,954		2,954
3/11/2016	11.4	34.2	9	45.4	39.68	109							0	0	2,987	2,987		2,987
3/12/2016													0	0	2,962	2,962		2,962
3/13/2016													0	0	2,932	2,932		2,932
3/14/2016	11.9	36.3	8.4	43.4	34.66	90							0	0	2,961	2,961	102	3,063
3/15/2016	11.7	35.8	8.2	44.3	36.62	89							0	427	2,602	3,028		3,028
3/16/2016	11.2	35.6	8.8	44.4	23.03	75							0	1,646	1,281	2,927		2,927
3/17/2016	12.7	36.6	7.5	43.2	15.92	104							0	1,587	1,325	2,912		2,912
3/18/2016	11.6	36.1	9.4	42.9	14.9	70	41.1	34	3.6	21.3	1.77	65.2	0	1,621	1,125	2,746	160	2,906
3/19/2016													0	1,654	996	2,650	252	2,902
3/20/2016													0	1,525	1,095	2,621	251	2,871
3/21/2016	7.3	31.6	11.1	50	15.55	58							0	1,648	1,031	2,679	223	2,902
3/22/2016	7.9	32.8	10.7	48.6	19.05	52.2							0	1,161	1,354	2,515	237	2,751
3/23/2016	8.7	39.5	8.2	43.6	18.93	73							0	1,227	1,198	2,425	283	2,709
3/24/2016	8.7	43.4	7.9	40	16.91	62.8							0	1,307	1,125	2,432	275	2,707
3/25/2016	8.2	39.7	9	43.1	17.93	56							0	1,233	1,236	2,469	281	2,750
3/26/2016													0	1,219	1,231	2,450	285	2,735
3/27/2016													0	1,212	1,221	2,433	284	2,717
3/28/2016	8.3	38.6	9.1	44	16.91	53	45	36.8	2.4	15.8	1.6	65.8	0	940	1,568	2,508	269	2,777
3/29/2016	8.2	38.7	9	44.1	24.02	64	49.3	33.5	1.8	15.4	1.49	84.2	0	1,255	1,370	2,625	243	2,868
3/30/2016	9.3	39.8	8.3	42.6	21.27	72							0	1,398	1,186	2,584	271	2,855
3/31/2016	9.3	39.1	8.7	42.9	20.97	76							0	1,446	1,195	2,641	171	2,811
4/1/2016	7.7	36.6	10.5	45.2	29.77	79							0	509	2,187	2,696	230	2,826
4/2/2016													0	0	2,646	2,646	325	2,971
4/3/2016													0	0	2,677	2,677	328	3,005
4/4/2016	7.4	33.6	10.3	48	27.25	84							0	0	2,739	2,739	321	3,061
4/5/2016	8.5	32.4	10.1	49	26.7	60							0	0	2,712	2,712	325	3,037
4/6/2016	8.8	36.2	8.5	46.5	24.49	75							0	722	1,922	2,644	298	2,942
4/7/2016	8	33.1	9.2	49.7	17.02	64	44.9	36.8	2.1	16.2	1.47	77.3	0	1,260	1,375	2,635	262	2,897

Date	South Quarry						North Quarry						Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	Main Flare Station Total Utility Flare Flow	Aux. Utility Flare Flow (scfm)	Total Flow
	CH4	CO2	O2	Bal.	Press./Vac.	Gas Inlet Temp (°F)	CH4	CO2	O2	Bal.	Press./V ac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
4/8/2016	8	35.8	9.4	46.8	18.68	62							0	1286	1320	2606	253	2859
4/9/2016													0	1252	1355	2607	241	2849
4/10/2016													0	1229	1337	2567	225	2791
4/11/2016	8.7	35.7	8.6	47	17.45	71							0	1205	1307	2512	198	2710
4/12/2016	8.5	38.8	9	43.7	16.24	57	46.5	39.4	1.4	12.7	0.25	80	0	1176	1355	2532	193	2725
4/13/2016	9.5	37	9	44.5	18.37	62							0	1141	1362	2503	222	2725
4/14/2016	8.4	40.2	8.5	42.9	16.7	66							0	961	1384	2345	262	2607
4/15/2016	9.4	43.2	7	40.4	18.05	75							0	999	1241	2240	268	2508
4/16/2016													0	1083	1155	2238	269	2507
4/17/2016													0	1130	1148	2277	270	2547
4/18/2016	9.5	42.7	6.9	40.9	18.01	81							0	1160	1137	2297	273	2570
4/19/2016	9.3	42.3	6.7	41.7	18.74	87	43.1	36	3.1	17.8	1.51	101.9	0	1183	1125	2308	279	2587
4/20/2016	9.4	40.6	7	43	17.77	78							0	1166	1090	2256	271	2527
4/21/2016	9.5	42	6.5	42	17.7	91	47.8	39	1.6	11.6	1.68	89.2	0	1128	1110	2238	270	2507
4/22/2016	9.5	42	6.7	41.8	18.07	77							0	1135	1095	2230	248	2477
4/23/2016													0	1144	1114	2258	235	2493
4/24/2016													0	1123	1152	2275	235	2510
4/25/2016	9.6	42.6	6.2	41.6	17.83	88							0	1128	1162	2290	234	2524
4/26/2016	9.7	42.9	6.2	41.2	18.74	98	47.5	39	1.8	11.7	1.38	97.8	0	532	1734	2266	227	2493
4/27/2016	9.4	42.7	6.4	41.5	19.17	81							0	0	2312	2312	235	2547
4/28/2016	9.9	40.1	6.9	43.1	21.8	84.4							0	0	2445	2445	266	2711
4/29/2016	9.6	41.8	6.8	41.8	20.94	79							0	0	2484	2484	273	2757
4/30/2016													0	0	2409	2409	262	2670
5/1/2016													0	0	2424	2424	253	2676
5/2/2016	10	37.6	7.6	44.8	22.54	73							0	0	2322	2322	249	2571
5/3/2016	9.7	43.4	6.8	40.1	19.96	74	49.2	37.8	1.1	11.9	1.24	76.4	0	0	2273	2273	246	2519
5/4/2016	10.4	43.4	6	40.2	19.47	78							0	0	2280	2280	241	2520
5/5/2016	10	42.5	6.4	41.4	20.27	72.7							0	0	2345	2345	243	2588
5/6/2016	9.9	41	6.7	42.4	20.45	72.7							0	0	2367	2367	246	2613
5/7/2016													0	0	2345	2345	244	2589
5/8/2016													0	0	2342	2342	245	2586
5/9/2016	10.2	42.2	6.2	41.4	19.11	85.8							0	0	2347	2347	243	2591
5/10/2016	9.7	41.7	6.8	41.8	21	82	49.5	37	1.4	12.1	1.28	112	0	0	2505	2505	244	2748
5/11/2016	9	38.5	8.2	44.3	21.79	102							0	0	2513	2513	247	2761
5/12/2016	9.3	41.9	7.2	41.6	16.19	83.8							0	0	2364	2364	242	2606
5/13/2016	9.2	40.2	7.6	43	17.93	85.9							0	0	2492	2492	243	2736
5/14/2016													0	0	2565	2565	249	2814
5/15/2016													0	0	2597	2597	252	2849
5/16/2016	7.6	36.9	9.5	46	17.97	75							0	0	2604	2604	252	2856
5/17/2016	7.7	36.8	9.6	45.9	19.58	68.4							0	0	2561	2561	247	2808
5/18/2016	7.9	39.3	9.4	43.4	15.56	73							0	0	2486	2486	244	2730
5/19/2016	8.5	39.9	8.4	43.2	16.15	78							0	0	2462	2462	240	2702
5/20/2016	8.8	40.4	8.1	42.7	23.17	62.1							0	0	2427	2427	233	2660
5/21/2016													0	0	2420	2420	279	2698
5/22/2016													0	0	2458	2458	283	2740
5/23/2016	9.4	41.7	7.3	71.6	22.66	93.5							0	0	2474	2474	290	2764
5/24/2016	9.6	41.8	6.8	41.8	23.17	96	45.5	36.9	1.3	16.3	1.02	95.1	0	0	2493	2493	173	2666
5/25/2016	11.2	41	6.6	41.2	22.71	95							0	0	2523	2523	208	2731
5/26/2016	10.3	43.5	5.6	40.6	41.99	106							0	0	2610	2610	473	3083

Date	South Quarry						North Quarry						Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	Main Flare Station Total Utility Flare Flow	Aux. Utility Flare Flow (scfm)	Total Flow
	CH4	CO2	O2	Bal.	Press./Vac.	Gas Inlet Temp (°F)	CH4	CO2	O2	Bal.	Press./V ac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
5/27/2016	9.4	37.9	8.2	44.5	24.98	88							0	0	2430	2430	413	2842
5/28/2016													0	0	2456	2456	415	2871
5/29/2016													0	0	2511	2511	417	2928
5/30/2016	9.6	37.7	7.7	45	24.86	101							0	0	2525	2525	395	2919
5/31/2016	9.8	38.5	7.6	44.1	24.62	101							0	0	2568	2568	410	2978
6/1/2016	9.6	38.8	7.4	44.2	24.37	98	41.9	33.2	2.9	22	1.12	110.2	0	0	2506	2506	330	2836
6/2/2016	8.9	37.6	7.6	45.9	22.17	102							0	0	2365	2365	292	2657
6/3/2016	9.7	39.6	7.1	43.6	20.82	96							0	0	2257	2257	289	2546
6/4/2016													0	0	2237	2237	292	2529
6/5/2016													0	0	2236	2236	292	2528
6/6/2016	9.6	43.3	6.5	40.6	21.99	75.5							0	0	2279	2279	294	2573
6/7/2016	9.6	42.3	7.2	40.9	21.61	86	41.8	36.1	3.2	18.9	1.1	89.1	0	0	2296	2296	293	2589
6/8/2016	9.6	43.2	6.6	40.6	19.96	95							0	0	2279	2279	309	2588
6/9/2016	9.5	43.4	6.8	40.3	23.38	93							0	0	2305	2305	314	2619
6/10/2016	9.4	42.8	6.7	41.1	21.61	99							0	0	2260	2260	315	2574
6/11/2016													0	0	2209	2209	319	2528
6/12/2016													0	0	2202	2202	317	2519
6/13/2016	10.9	46.2	4.8	38.1	19.45	99							0	0	2158	2158	319	2477
6/14/2016	10.8	45.3	5.1	38.8	19.32	100	43.6	36.6	2.4	17.4	1.29	102.6	0	0	2198	2198	324	2521
6/15/2016	10.5	45.2	5.4	38.9	22.37	100							0	0	2229	2229	323	2552
6/16/2016	10.9	46.1	5.1	37.9	20.33	105							0	0	2380	2380	322	2701
6/17/2016	10.2	44.3	6.2	39.3	24.85	108							0	0	2326	2326	315	2640
6/18/2016													0	0	2351	2351	315	2667
6/19/2016													0	0	2346	2346	320	2666
6/20/2016	10.4	41.7	5.8	42.1	24.85	106							0	0	2357	2357	311	2668
6/21/2016	10.4	42.1	6.1	41.4	23.09	105	47	36.6	2.4	14	1.11	89.4	0	0	2306	2306	300	2606
6/22/2016	11.6	42.6	6.2	39.6	25.4	104							0	0	2354	2354	288	2641
6/23/2016	10.9	43.3	6	39.8	25.21	108							0	0	2359	2359	279	2638
6/24/2016	11.4	43.7	5.7	39.2	23.02	108							0	0	2337	2337	279	2616
6/25/2016													0	0	2270	2270	276	2546
6/26/2016													0	0	2216	2216	276	2492
6/27/2016	11	44.9	5.4	38.7	23.68	107.1							0	0	2237	2237	287	2524
6/28/2016	11.7	46.6	4.9	36.8	19.66	110	45.9	35.5	2.9	15.7	0.66	102.3	0	0	2188	2188	290	2477
6/29/2016	10.8	41.8	6.4	41	21.31	96							0	0	2275	2275	288	2563
6/30/2016	9.9	39.1	7.4	43.6	24.37	102							0	1215	1050	2265	287	2552
7/1/2016	10.5	40.8	6.3	42.4	26.13	97							0	2273	0	2273	289	2562
7/2/2016													0	2195	0	2195	282	2476
7/3/2016													0	2189	0	2189	283	2471
7/4/2016													0	2249	0	2249	285	2534
7/5/2016	10.8	42.4	6.9	39.9	28.21	112	48.7	36.1	2.4	12.8	1.01	85.3	0	2336	0	2336	294	2630
7/6/2016	10.7	43.2	6.1	40	26.31	117							0	2211	0	2211	287	2498
7/7/2016	10.1	42.4	6.4	41.1	30.66	106							0	2211	0	2211	287	2498
7/8/2016	10.4	43.7	6.1	39.8	56.45	114.4							0	2284	0	2284	288	2572
7/9/2016													0	2293	0	2293	286	2580
7/10/2016													0	2279	0	2279	285	2564
7/11/2016	10.6	43.8	6.2	39.4	17.12	102.5							0	2290	0	2290	290	2579
7/12/2016	12.1	41.8	6.6	39.5	12.09	99							0	2383	0	2383	287	2670
7/13/2016	9.4	34.6	8.2	47.8	25.34	110							0	2434	0	2434	256	2690
7/14/2016	9.7	39.4	7.4	43.5	21.25	76.4	51.5	37.2	2	9.3	0.78	112.7	0	2450	0	2450	244	2695

Date	South Quarry						North Quarry						Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	Main Flare Station Total Utility Flare Flow	Aux. Utility Flare Flow (scfm)	Total Flow
	CH4	CO2	O2	Bal.	Press./Vac.	Gas Inlet Temp (°F)	CH4	CO2	O2	Bal.	Press./V ac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
7/15/2016	9.6	36.8	8.1	45.5	48.81	145							0	2486	0	2486	292	2778
7/16/2016													0	2439	0	2439	291	2731
7/17/2016													0	2405	0	2405	293	2698
7/18/2016	8.9	39.3	8.1	43.7	39.53	118.2							0	2465	0	2465	292	2756
7/19/2016	9	38.4	8.3	44.3	35.64	121.6							0	2493	0	2493	295	2788
7/20/2016	9.5	39.3	7.6	43.6	50.49	109.4	50.9	35.1	2.5	11.5	0.96	118.6	0	2414	0	2414	329	2743
7/21/2016	10.1	41	6.6	42.3	51.33	124.6							0	2444	0	2444	294	2738
7/22/2016	10.3	40.7	7.1	41.9	30.11	107.4							0	2338	0	2338	289	2626
7/23/2016													0	2304	0	2304	286	2590
7/24/2016													0	2275	0	2275	284	2559
7/25/2016	11.9	44.8	5.2	38.1	30.99	120							0	1800	437	2236	401	2637
7/26/2016	9.4	38.3	8.3	44	41.78	115	52.8	39.3	0.6	7.3	0.87	111.5	0	2425	0	2425	249	2674
7/27/2016	10.3	41.2	7.2	41.3	33.45	112							0	2351	0	2351	254	2605
7/28/2016	10.3	41.7	6.9	41.1	20	105							0	2388	0	2388	248	2636
7/29/2016	9.8	39.6	7.6	43	14.88	106							0	2312	0	2312	244	2556
7/30/2016													0	2210	0	2210	239	2449
7/31/2016													0	2245	0	2245	242	2487
8/1/2016	11	40.2	6.7	42.1	15.68	93							0	2291	0	2291	234	2525
8/2/2016	10	40.6	6.7	42.7	32.94	126							0	2378	0	2378	246	2624
8/3/2016	9	37.5	8.3	45.2	22.71	99	53.8	40.6	0.6	5	0.93	101.3	0	2305	0	2305	264	2569
8/4/2016	11.2	42.5	5.8	40.5	25.67	112							0	2330	0	2330	270	2600
8/5/2016	10	40.5	7.5	42	16.45	94							0	2300	0	2300	265	2565
8/6/2016													0	2292	0	2292	266	2558
8/7/2016													0	2319	0	2319	185	2504
8/8/2016	10.6	38.9	7.2	43.3	22.6	103							10	2275	0	2285	273	2558
8/9/2016	11.2	38.9	6.8	43.1	21.19	107	53	39.7	1.1	6.2	0.9	95.8	1474	816	0	2290	223	2513
8/10/2016	9	36.7	8.5	45.8	31.01	119	49.7	38.4	1.4	10.5	1.02	92.5	2495	0	0	2495	284	2779
8/11/2016	9	35.9	8.5	46.6	15.87	111							2555	0	0	2555	278	2833
8/12/2016	8.9	34.3	9	47.8	12.21	107							2484	82	0	2566	325	2891
8/13/2016													0	2545	0	2545	295	2840
8/14/2016													0	2436	0	2436	287	2723
8/15/2016	9.1	33.6	9.1	48.2	32.33	96	53.1	38.4	0.7	7.8	0.89	84.3	1216	1179	0	2395	283	2677
8/16/2016	8.5	34.6	9.3	47.6	20.57	103.1							2460	0	0	2460	290	2750
8/17/2016	8.3	34.5	9	48.2	35.82	110.8	51.3	39.3	0.9	8.5	0.84	105.6	2540	0	0	2540	292	2831
8/18/2016	8.3	35.7	8.6	47.4	26.62	125							2480	0	0	2480	333	2813
8/19/2016	9.4	36.9	7.9	45.8	21.19	102							2403	0	0	2403	358	2761
8/20/2016													2356	0	0	2356	349	2705
8/21/2016													2354	0	0	2354	346	2700
8/22/2016	9.3	34.9	8.2	47.6	21.19	97							2408	0	0	2408	351	2758
8/23/2016	8.5	35	8.2	48.3	15.19	74.8	48.9	36.1	0.8	14.2	1.14	78	2281	0	0	2281	345	2626
8/24/2016	9.6	38.5	7.1	44.8	11.33	99.5	49	37.3	0.9	12.8	1.27	90.7	2297	0	0	2297	336	2633
8/25/2016	9.5	39.5	6.9	44.1	23.94	107							2339	0	0	2339	298	2637
8/26/2016	9.3	37.7	7.5	45.5	16.17	102							2321	0	0	2321	293	2613
8/27/2016													2307	0	0	2307	294	2601
8/28/2016													2333	0	0	2333	297	2630
8/29/2016	9.3	39.2	7.4	44.1	21.37	111.1							2322	0	0	2322	302	2623
8/30/2016	9.3	39	7.3	44.4	23.5	112.7	50.2	38.7	1.2	9.9	1.21	93.6	2269	0	0	2269	305	2574
8/31/2016	9.3	39.1	7.2	44.4	26.5	105.4							2265	0	0	2265	304	2569
9/1/2016	10.1	37.3	7.6	45	29.45	102							2260	0	0	2260	307	2566

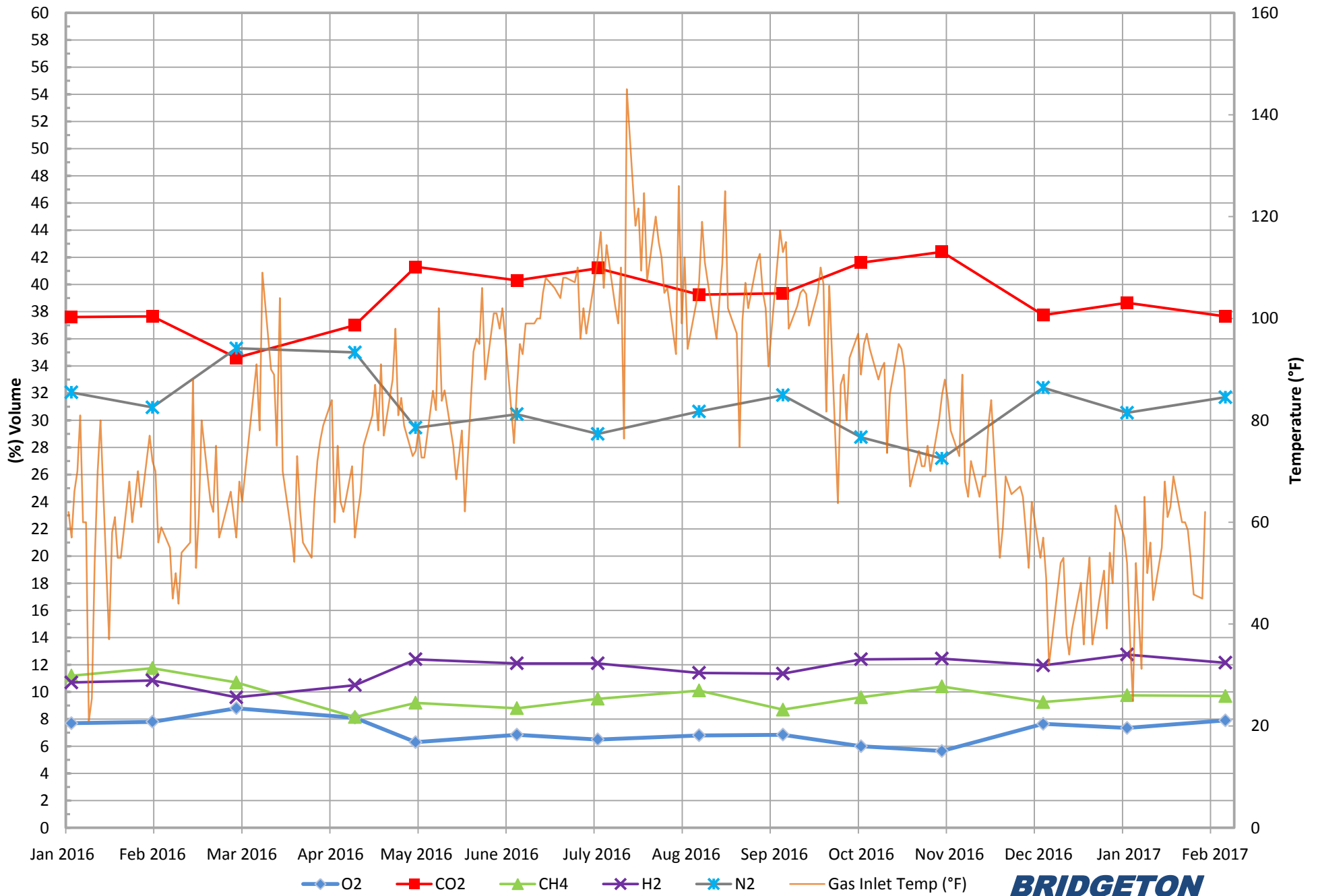
Date	South Quarry						North Quarry						Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	Main Flare Station Total Utility Flare Flow	Aux. Utility Flare Flow (scfm)	Total Flow
	CH4	CO2	O2	Bal.	Press./Vac.	Gas Inlet Temp (°F)	CH4	CO2	O2	Bal.	Press./V ac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
9/2/2016	9.3	37.4	7.5	45.8	22.66	90.6							2228	0	0	2228	304	2532
9/3/2016													2245	0	0	2245	308	2554
9/4/2016													2263	0	0	2263	310	2572
9/5/2016													2272	0	0	2272	312	2584
9/6/2016	9.3	39.5	7.1	44.1	42.31	117.3							2060	0	0	2060	318	2379
9/7/2016	9.5	38.6	7.2	44.7	33.19	113	50.2	36.1	1.7	12	0.98	92.2	1917	0	0	1917	323	2240
9/8/2016	9.4	40.7	7	42.9	37.89	115	51.2	37.8	1.5	9.5	0.82	92.5	1993	0	0	1993	312	2305
9/9/2016	9.2	41.3	7.4	42.1	37.12	98	50.3	37.8	1.4	10.5	0.73	80.6	2063	0	0	2063	317	2380
9/10/2016													1988	0	0	1988	299	2287
9/11/2016													2023	0	0	2023	311	2334
9/12/2016	9.9	40.8	6.8	42.5	37.12	102.5	49.4	37.6	1.8	11.2	1.21	88.6	1993	0	0	1993	323	2315
9/13/2016	10	39.7	6.2	44.1	30.92	105	49.2	37.4	1.7	11.7	1.23	107.6	1986	0	0	1986	328	2314
9/14/2016	10	41.4	6.4	42.2	27.78	105.7							1964	0	0	1964	333	2297
9/15/2016	10.2	42.6	6.1	41.1	28.21	104.8	49.2	37.2	1.6	12	1.18	88.4	1938	0	0	1938	354	2292
9/16/2016	10	42.8	6.1	41.1	25.54	98.6							1884	0	0	1884	376	2261
9/17/2016													1917	0	0	1917	374	2291
9/18/2016													1919	0	0	1919	377	2295
9/19/2016	10.5	41.4	5.9	42.2	28.54	105							1925	0	0	1925	380	2305
9/20/2016	10.1	40.4	5.6	43.9	28.54	110	47.5	35.5	1.4	15.6	1.41	90.3	1939	0	0	1939	380	2319
9/21/2016	10.5	41.9	5.8	41.8	25.11	106.8	47.7	36.9	1.1	14.3	1.14	89.3	1932	0	0	1932	380	2312
9/22/2016	9.9	43.3	6.1	40.7	25.41	81.7							1925	0	0	1925	376	2301
9/23/2016	9.8	43.2	6	41	28.54	106.4							1921	0	0	1921	364	2285
9/24/2016													1899	0	0	1899	376	2275
9/25/2016													1880	0	0	1880	373	2253
9/26/2016	10.1	40.7	6.2	43	28.66	63.7							1856	0	0	1856	358	2214
9/27/2016	10.7	40.8	5.7	42.8	29.15	87	48.7	37.3	0.9	13.1	1.47	97.5	1921	0	0	1921	362	2283
9/28/2016	10.7	42	5.8	41.5	27.25	89	45.1	35.3	1.7	17.9	1.57	80.2	1987	0	0	1987	334	2321
9/29/2016	9.9	40.6	6.7	42.8	27.74	80	44.7	33.7	1.9	19.7	1.61	74.6	1912	0	0	1912	320	2232
9/30/2016	13.2	40.7	6.2	39.9	25.84	92.3							1813	0	0	1813	303	2116
10/1/2016													1805	0	0	1805	300	2105
10/2/2016													1805	0	0	1805	302	2107
10/3/2016	10	40.5	6.9	42.6	29.88	97							1833	0	0	1833	308	2141
10/4/2016	10.2	39.9	6.5	43.4	28.23	89	46.5	34.4	2.2	16.9	1.13	82.1	1818	0	0	1818	313	2131
10/5/2016	10.1	40.7	6.4	42.8	29.7	95							1821	0	0	1821	323	2144
10/6/2016	10.5	42.7	6.1	40.7	25.66	97	46.4	35.8	1.7	16.1	0.93	84.9	1794	0	0	1794	319	2113
10/7/2016	10.1	41.6	6.2	42.1	27.74	94	45.8	37.8	1.8	14.6	0.87	82.8	1766	0	0	1766	310	2076
10/8/2016													1770	0	0	1770	314	2084
10/9/2016													1774	0	0	1774	316	2089
10/10/2016	10.7	40.4	6.2	42.7	27.07	88							1810	49	0	1859	312	2171
10/11/2016	9.7	40.4	6.7	43.2	27.8	90	47.7	38	1.7	12.6	1.13	89.5	1860	0	0	1860	267	2127
10/12/2016	10.3	38.8	6.9	44	25.54	91.3	48.1	37.4	1.5	13	1.2	77.5	1810	0	0	1810	212	2022
10/13/2016	10.2	38.2	7.7	43.9	29.39	73.6	46.6	34.6	1.5	17.3	1.36	84.8	1801	0	0	1801	209	2010
10/14/2016	10.1	42	6.8	41.1	35.39	85.2							1809	0	0	1809	215	2024
10/15/2016													1815	0	0	1815	215	2030
10/16/2016													1814	0	0	1814	221	2035
10/17/2016	10.5	39.7	6.5	43.3	28.48	95	48.6	36.4	1.4	13.6	1.18	82.4	1103	673	0	1775	207	1983
10/18/2016	10.7	40.5	6.3	42.5	21.68	94	48.1	34.5	1.5	15.9	1.31	84.1	0	1718	0	1718	235	1952
10/19/2016	10.5	41.1	6.3	42.1	23.64	90	46.1	35.5	1.6	16.8	1.29	80.2	0	1683	0	1683	228	1911
10/20/2016	10.8	41.6	6.6	41	24.37	77	48.8	32.7	1.4	17.1	1.16	72.5	0	1678	0	1678	222	1900

Date	South Quarry						North Quarry						Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	Main Flare Station Total Utility Flare Flow	Aux. Utility Flare Flow (scfm)	Total Flow
	CH4	CO2	O2	Bal.	Press./Vac.	Gas Inlet Temp (°F)	CH4	CO2	O2	Bal.	Press./V ac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
10/21/2016	10.8	40.2	7	42	23.82	67	46.6	34.6	1.6	17.2	1.24	70.7	625	1053	0	1678	230	1908
10/22/2016													1684	0	0	1684	246	1931
10/23/2016													1707	0	0	1707	226	1932
10/24/2016	9.9	38.9	7.3	43.9	16.53	74	46.8	35	1.6	16.6	1.09	70.1	833	247	646	1726	231	1956
10/25/2016	10.8	37	7	45.2	11.7	71	46.3	35.9	2	15.8	1.15	70.4	0	0	1712	1712	223	1934
10/26/2016	11.1	40	6.4	42.5	9.06	71	47.6	35.8	1.8	14.8	1.11	71.4	0	0	1691	1691	220	1912
10/27/2016	10.1	39.1	7.4	43.4	14.64	75	45.9	34.9	1.8	17.4	2.07	70.3	0	35	1661	1696	220	1917
10/28/2016	10.4	38.5	7.2	43.9	15.8	70	47	35.4	1.9	15.7	1.3	68.4	0	0	1689	1689	224	1913
10/29/2016													0	0	1641	1641	224	1865
10/30/2016													0	0	1626	1626	221	1847
10/31/2016	11	41.2	5.9	41.9	22.96	80	47.9	34.1	1.8	16.2	1.26	72.8	0	429	1219	1648	227	1875
11/1/2016	10.8	41.6	6	41.6	15	85	47.5	35.4	1.8	15.3	1.21	81.1	171	0	1477	1648	223	1871
11/2/2016	10.9	40.8	6	42.3	14.57	88	46.2	35.4	1.7	16.7	1.31	83.7	0	0	1650	1650	218	1868
11/3/2016	10.4	40.1	6.8	42.7	10.66	84	49	34.7	1.2	15.1	1.33	79.2	0	0	1649	1649	217	1866
11/4/2016	9.9	39.8	7.2	43.1	12.68	78	46.9	35.3	1.4	16.4	1.4	77.5	0	0	1753	1753	224	1977
11/5/2016													0	0	1820	1820	225	2045
11/6/2016													0	0	1811	1811	221	2032
11/7/2016	9.6	37.3	8.1	45	10.04	73	48.4	35.3	1.5	14.8	1.35	72.3	0	0	1818	1818	224	2042
11/8/2016	9.9	35	8.3	46.8	13.59	89	49.7	35.4	1.2	13.7	1.35	76.4	0	0	1809	1809	220	2029
11/9/2016	9.4	36.3	8.2	46.1	17.88	68	47.2	34.3	1.4	17.1	1.16	66.3	0	0	1792	1792	218	2010
11/10/2016	9.5	38.3	8.1	44.1	17.64	65	47.6	36.4	1	15	1.19	67.3	0	0	1774	1774	219	1993
11/11/2016	9.6	37.3	8.2	44.9	17.27	72	46.8	36.4	1.4	15.4	1.11	69	0	0	1782	1782	216	1998
11/12/2016													0	0	1784	1784	216	2000
11/13/2016													0	0	1732	1732	217	1949
11/14/2016	9.8	37.6	7.6	45	16.17	65	47.9	35.4	1.7	15	1.02	65.3	0	0	1730	1730	216	1946
11/15/2016	9.6	37.6	7.8	45	18.06	69	48	35.6	1.5	14.9	0.87	66.5	0	0	1692	1692	212	1904
11/16/2016	9.8	36.7	7.8	45.7	17.45	69	47.5	34.7	1.4	16.4	0.91	68.3	0	0	1701	1701	217	1918
11/17/2016	10.4	39.8	6.6	43.2	16.6	79	48.6	36.2	1.1	14.1	1.01	75.5	0	0	1713	1713	217	1930
11/18/2016	10.4	38.8	6.9	43.9	15.62	84	47.7	35.8	1.3	15.2	1.45	77.7	0	0	1691	1691	221	1912
11/19/2016													0	0	1672	1672	224	1896
11/20/2016													0	0	1699	1699	226	1924
11/21/2016	9.5	35	8.5	47	17.58	53	47.3	33	2.2	17.5	1.32	57.4	0	0	1723	1723	223	1946
11/22/2016	9.7	36.3	8.4	45.6	18.06	59	47.2	35.5	1.6	15.7	1.09	60.4	0	0	1747	1747	218	1965
11/23/2016	9.8	36.4	8.2	45.6	18.86	69	48.3	35.1	1.5	15.1	0.92	65.1	0	0	1723	1723	214	1937
11/24/2016													0	0	1722	1722	212	1934
11/25/2016	9.5	36.4	9	45.1	18.92	65.5	47.4	33.5	1.4	17.7	1.02	62.6	0	0	1692	1692	206	1898
11/26/2016													0	0	1674	1674	203	1877
11/27/2016													0	0	1683	1683	198	1881
11/28/2016	11	39.7	7.2	42.1	18.31	67	50.3	35.1	1	13.6	1.12	62.1	0	0	1665	1665	186	1850
11/29/2016	10.5	37.9	7.8	43.8	18.49	65	48	34.3	1.5	16.2	0.86	60.2	0	0	1627	1627	179	1807
11/30/2016	10.2	37.2	8.2	44.4	18.98	58	47.7	33.8	1.3	17.2	0.73	56.9	0	0	1607	1607	190	1797
12/1/2016	9.4	35	8.8	46.8	16.47	51	47.9	34.2	1.5	16.4	0.87	53.2	0	0	1683	1683	204	1887
12/2/2016	9.8	35.5	7.9	46.8	26.82	64	41.7	33.5	2.6	22.2	0.95	64.4	0	0	1740	1740	185	1924
12/3/2016													0	0	1736	1736	180	1916
12/4/2016													0	0	1724	1724	175	1900
12/5/2016	9.7	36.2	8.5	45.6	15.13	53	46.6	34.4	1.4	17.6	0.8	52.7	0	0	1625	1625	176	1802
12/6/2016	10.5	37.5	7.5	44.5	16.6	57	47.3	36.2	1.4	14.2	0.93	55.9	0	0	1561	1561	170	1731
12/7/2016	10.6	36.3	8.1	45	14.7	49	47.8	33.3	1.3	17.6	0.67	51.7	0	0	1554	1554	172	1726
12/8/2016	9.4	36.5	8.8	45.3	15	32							0	0	1582	1582	166	1747

Date	South Quarry						North Quarry						Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	Main Flare Station Total Utility Flare Flow	Aux. Utility Flare Flow (scfm)	Total Flow
	CH4	CO2	O2	Bal.	Press./Vac.	Gas Inlet Temp (°F)	CH4	CO2	O2	Bal.	Press./V ac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
12/9/2016	9.7	32.9	8.6	48.8	14.15	37							0	0	1606	1606	196	1802
12/10/2016													0	0	1599	1599	203	1802
12/11/2016													0	0	1600	1600	200	1800
12/12/2016	9.9	35.6	8.5	46	15.55	52	46.2	31.5	1.8	20.5	1.21	53.9	0	0	1621	1621	194	1815
12/13/2016	10.2	34.9	8.6	46.3	16.41	53	46.9	29.8	2	21.3	0.87	53.4	0	0	1645	1645	184	1829
12/14/2016	9.6	34.4	8.9	47.1	18.55	38	44.7	33.4	1.9	20	0.98	43.8	0	0	1682	1682	173	1855
12/15/2016	10	31.5	9.6	48.9	14.64	34	46.4	30.5	2.4	20.7	1.06	39.9	0	0	1675	1675	186	1862
12/16/2016	11	33.4	8	47.6	13.78	39	47	29.5	2.3	21.2	0.77	41.2	0	0	1635	1635	179	1814
12/17/2016													0	0	1607	1607	216	1823
12/18/2016													0	0	1549	1549	166	1715
12/19/2016	10.9	39.9	6.9	42.3	22.35	48.1	42.6	33.8	2	21.6	1.45	57.1	0	0	1450	1450	160	1610
12/20/2016	9.8	35.2	9.2	45.8	18	36	44.1	31.2	2.1	22.6	1.21	43.8	0	0	1652	1652	237	1889
12/21/2016	9.6	34	8.7	47.7	17.33	47.2	43.2	30	1.9	24.9	1.57	51.5	0	0	1711	1711	232	1942
12/22/2016	9.6	31.5	9.3	49.6	17.39	53.1	39.6	29.2	2	29.2	1.32	53.1	0	0	1666	1666	250	1916
12/23/2016	10.1	35.8	8.4	45.7	15.92	36	44	30.1	1.7	24.2	1.7	53	0	0	1628	1628	254	1882
12/24/2016													0	0	1622	1622	240	1862
12/25/2016													0	0	1650	1650	237	1887
12/26/2016													0	0	1631	1631	229	1860
12/27/2016	9.3	36.2	9.7	44.8	15.56	50.5	39.7	33	1.7	25.6	1.16	53.1	0	0	1656	1656	222	1879
12/28/2016	10.7	34.3	8.4	46.6	17.39	39.1	40.9	32.8	1.6	24.7	1.35	54.9	0	0	1635	1635	213	1849
12/29/2016	10.6	36	8.7	44.7	15.55	54	37.6	29.5	2.2	30.7	1.12	50.7	0	0	1574	1574	192	1765
12/30/2016	10.3	38.6	8.5	42.6	17.63	48	38.9	32.3	2.3	26.5	1.08	50	0	0	1552	1552	210	1761
12/31/2016	11.8	41.1	7	40.1	16.24	63.3	40.9	34	2.1	23	1.09	61.2	0	0	1526	1526	195	1721
1/1/2017													0	0	1533	1533	190	1724
1/2/2017													0	0	1510	1510	192	1702
1/3/2017	11.1	30.9	7.7	50.3	15.35	57	40	27.1	1.5	31.4	1.11	50.7	0	0	1504	1504	195	1698
1/4/2017	11.3	34	8.5	46.2	15.18	52	40.8	35.2	1.7	22.3	1.18	44.1	0	0	1516	1516	218	1734
1/5/2017	10.2	38.1	8	43.7	17.21	37	42.1	33.2	1.8	22.9	1.06	39.3	0	0	1504	1504	166	1670
1/6/2017	9.4	33.4	9.9	47.3	16.6	25							0	0	1499	1499	121	1620
1/7/2017	10.2	39.4	8.2	42.2	14.88	52	43.1	31.9	3.2	21.8	0.78	51.8	0	0	1481	1481	145	1627
1/8/2017													0	0	1437	1437	150	1588
1/9/2017	10.6	40.4	7.7	41.3	14.55	31.2	44.5	31.8	2.8	20.9	0.67	39	0	0	1394	1394	157	1551
1/10/2017	10.3	43.8	7.2	38.7	15.8	65	47.9	34.7	1.6	15.8	0.77	62.2	0	0	1426	1426	165	1592
1/11/2017	10.2	39.9	7.7	42.2	13.11	50	44.5	34.1	2.3	19.1	0.79	50.9	0	0	1468	1468	169	1637
1/12/2017	10.1	39.3	8.3	42.3	14.71	56	40.5	33.9	3.4	22.2	0.86	48.8	0	0	1446	1446	156	1602
1/13/2017	9.4	39	8.3	43.3	16.72	44.7	41.4	30.3	3.3	25	0.8	45.9	0	0	1435	1435	154	1589
1/14/2017													0	0	1412	1412	159	1571
1/15/2017													0	0	1407	1407	164	1571
1/16/2017	11.9	42.8	6.7	38.6	14.67	55	47.7	35.9	2.1	14.3	0.85	54.7	0	0	1403	1403	184	1588
1/17/2017	11	41.8	6.9	40.3	31.12	68	46.9	35.6	1.8	15.7	1.23	58.8	0	0	1453	1453	200	1653
1/18/2017	10.7	40.7	7.4	41.2	25.79	61	45.1	34.9	2	18	1.13	55.6	0	0	1519	1519	203	1721
1/19/2017	10.6	40	7.6	41.8	20.04	63	47.4	34.6	1.7	16.3	1.04	56.8	0	0	1560	1560	207	1767
1/20/2017	10.6	41.6	6.8	41	14.29	69	47.7	35.2	1.5	15.6	1.13	64.9	0	0	1557	1557	203	1760
1/21/2017													0	0	1602	1602	211	1813
1/22/2017													0	0	1560	1560	191	1750
1/23/2017	10.5	39.2	7.9	42.4	14.88	60	46.6	34.5	1.7	17.2	1.04	56.8	0	0	1544	1544	190	1734
1/24/2017	10.8	39.4	7.7	42.1	14.55	60	46.5	35.7	1.6	16.2	1.02	58	0	0	1571	1571	195	1765
1/25/2017	10.3	40.5	7.6	41.6	15.12	58.4	46.9	34.3	1.7	17.1	1.06	61.8	0	0	1554	1554	196	1750
1/26/2017	9.3	37.1	10	43.6	15.9	52.8	44.8	33.8	2.1	19.3	1.1	49.6	0	0	1683	1683	194	1878

Date	South Quarry						North Quarry						Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	Main Flare Station Total Utility Flare Flow	Aux. Utility Flare Flow (scfm)	Total Flow
	CH4	CO2	O2	Bal.	Press./Vac.	Gas Inlet Temp (°F)	CH4	CO2	O2	Bal.	Press./V ac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
1/27/2017	9.8	38.4	9.4	42.4	14.71	45.8	46.7	35.1	1.6	16.6	1.11	51.6	0	0	1592	1592	198	1790
1/28/2017													0	0	1575	1575	199	1774
1/29/2017													0	0	1579	1579	194	1773
1/30/2017	10	34.4	9	46.6	15.31	45	45	31.5	2	21.5	1.11	46.4	0	0	1601	1601	186	1787
1/31/2017	10.5	34.3	8.3	46.9	15.68	62	45.9	32.7	1.8	19.6	1.15	57.2	0	0	1584	1584	205	1789

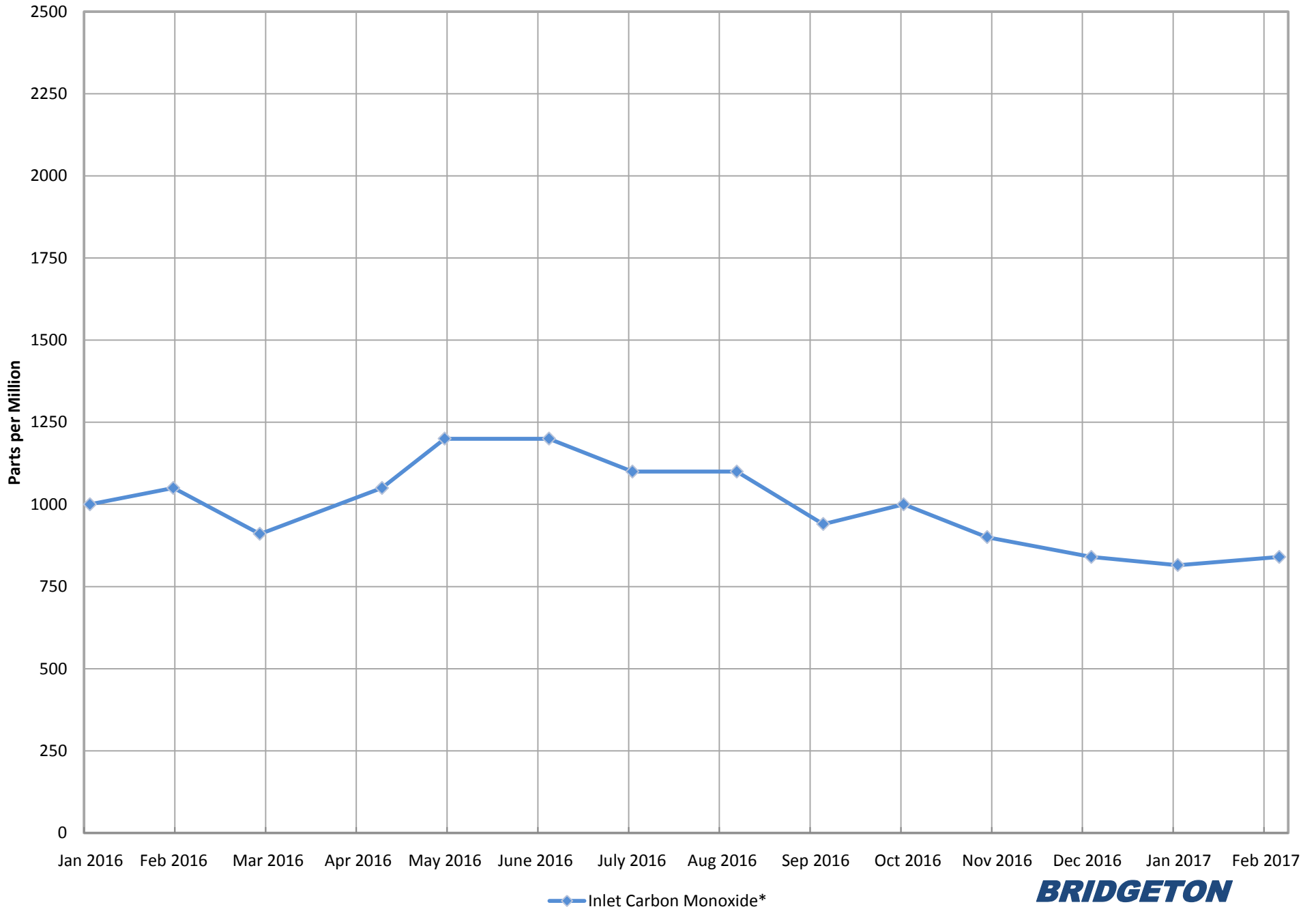
South Quarry Inlet Gas and Temperature*



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*Gas data collected from Laboratory Reports. Temperature data collected from field readings.

South Quarry Inlet Carbon Monoxide*

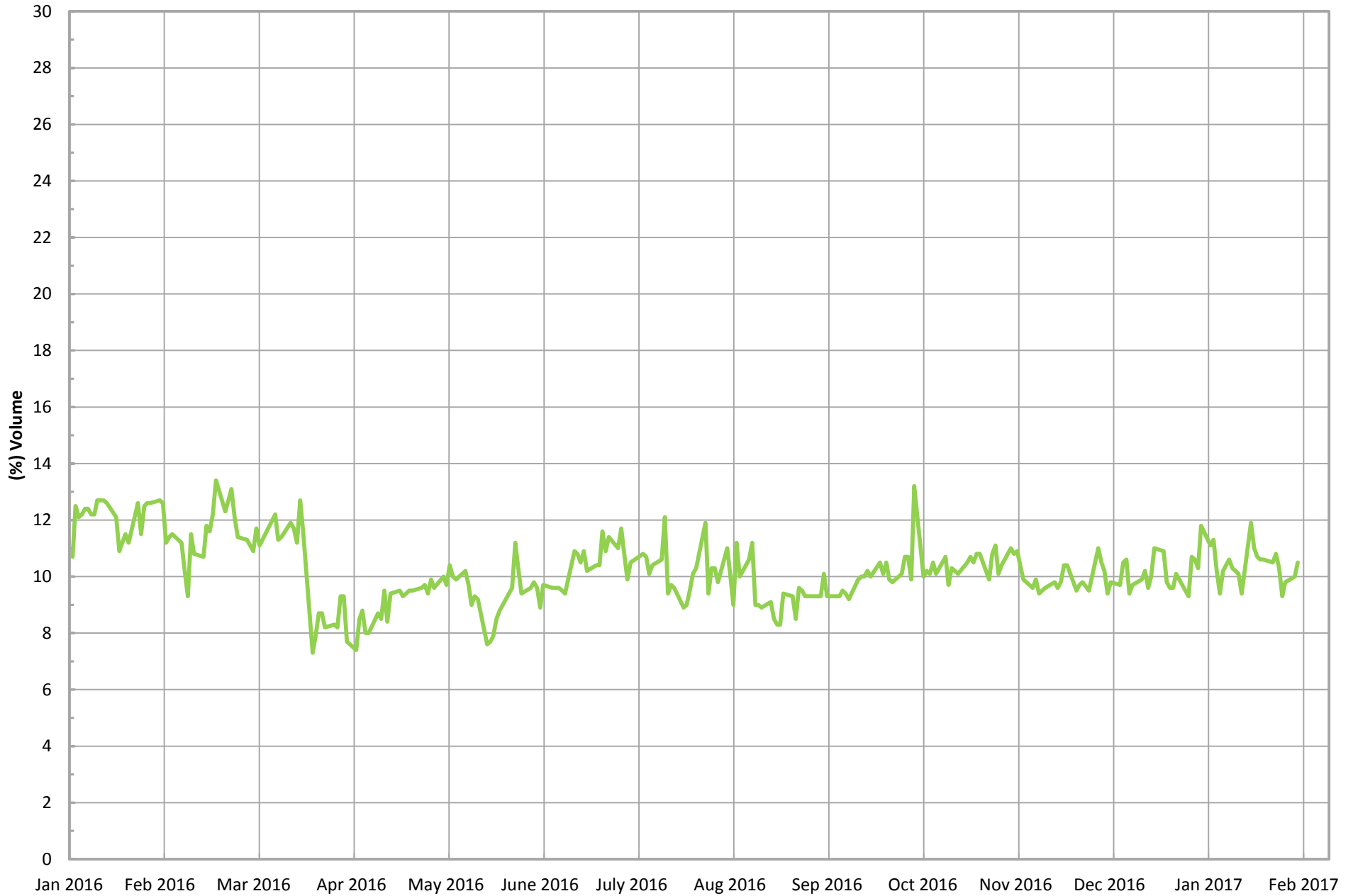


—◆— Inlet Carbon Monoxide*

*Data collected from Laboratory Reports for the South Quarry.

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South Quarry Inlet Methane (Field Data)*

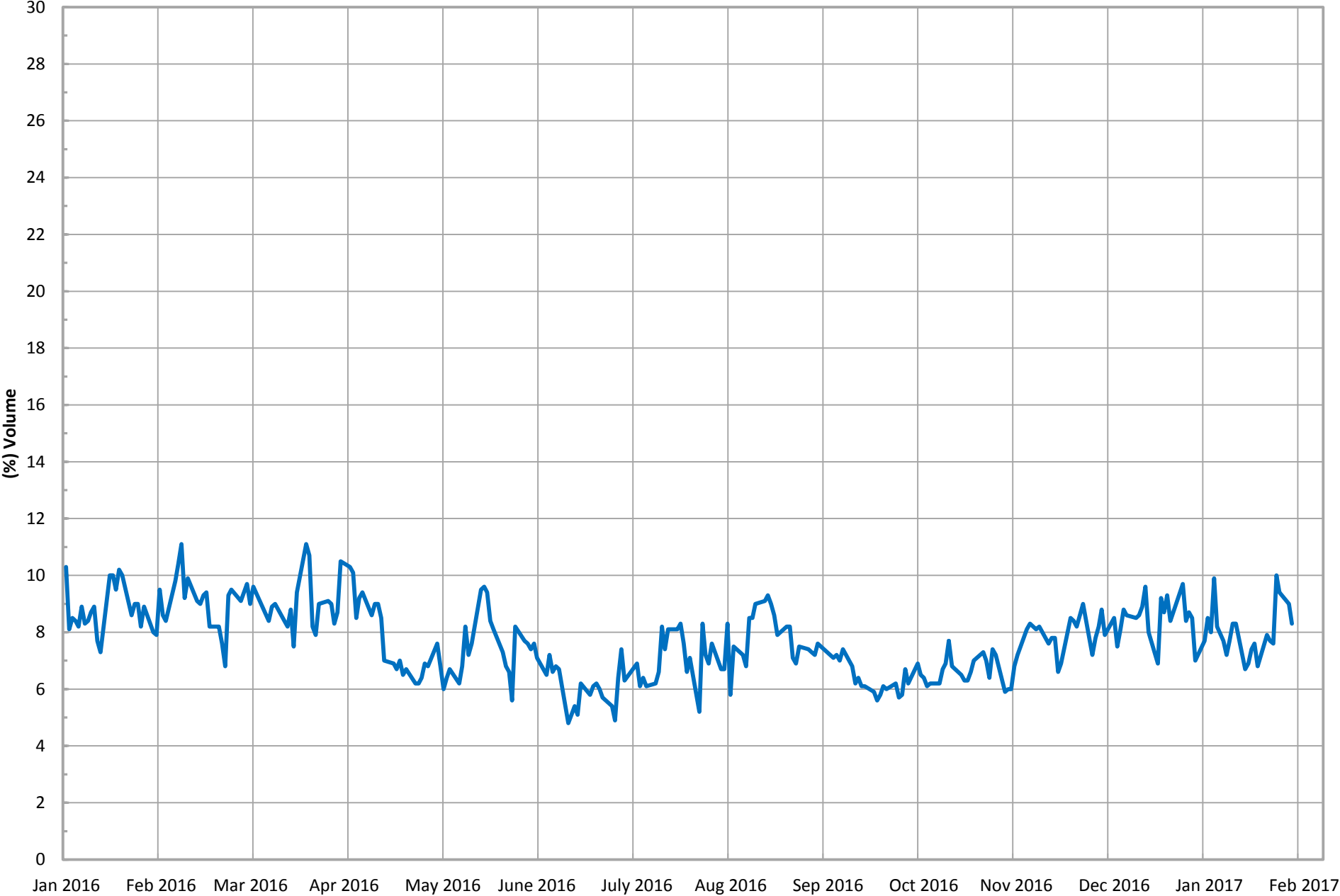


*Gas data collected from field monitoring data in the South Quarry.

— Combined Inlet Methane (Field Data)*

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South Quarry Inlet Oxygen (Field Data)*

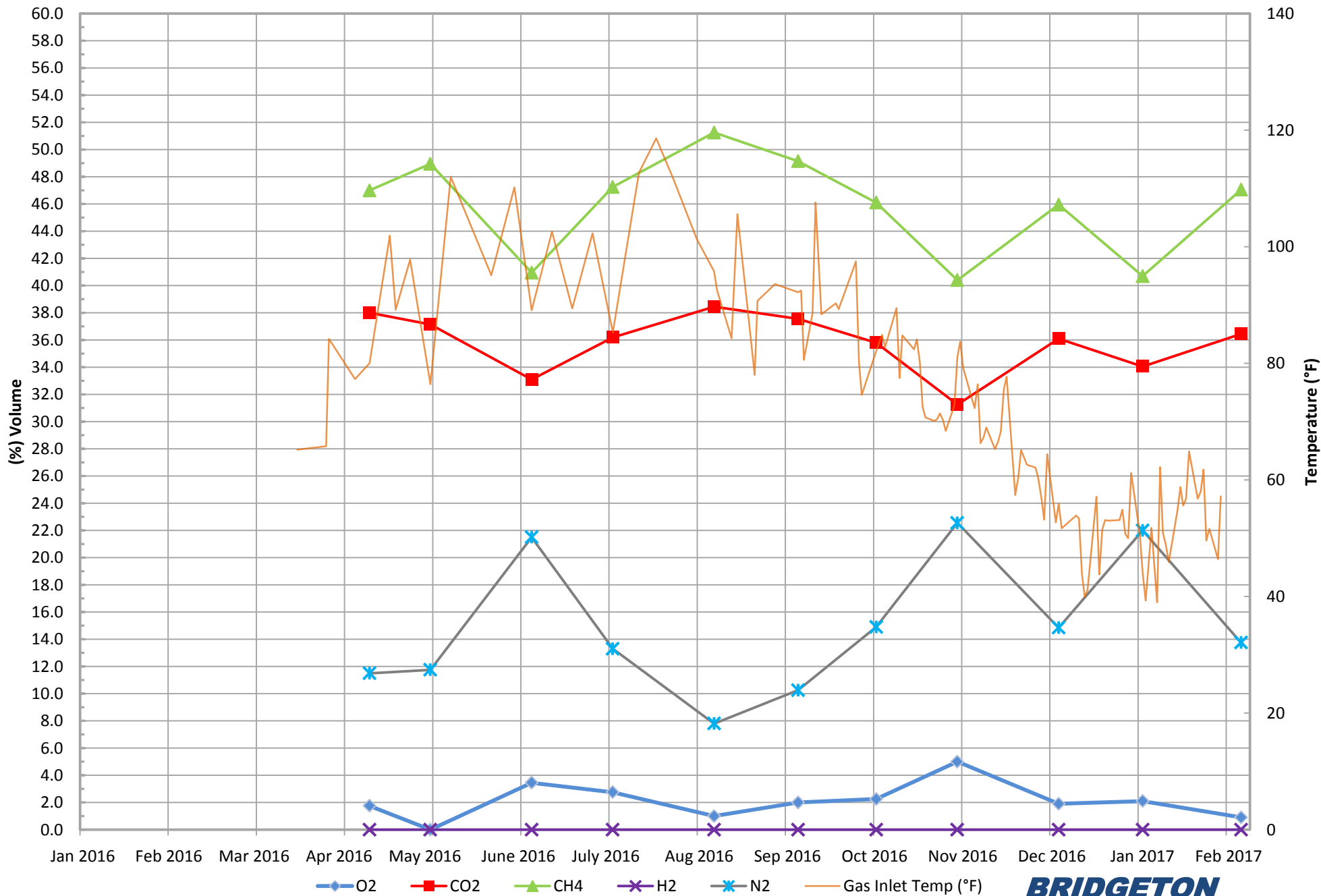


*Gas data collected from field monitoring data in the South Quarry.

— Combined Inlet Oxygen (Field Data)*



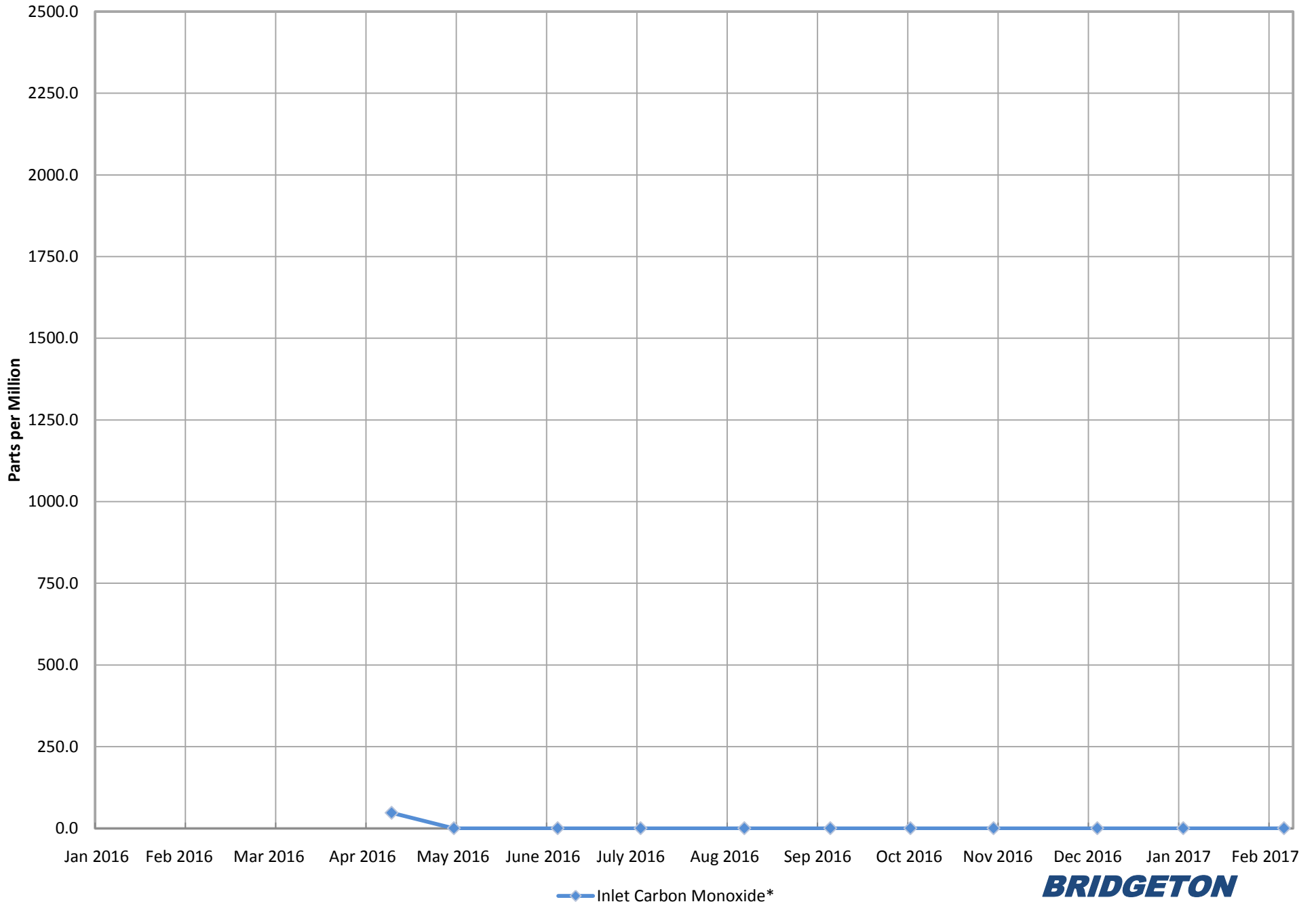
North Quarry Inlet Gas and Temperature*



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*Gas data collected from Laboratory Reports. Temperature data collected from field readings.

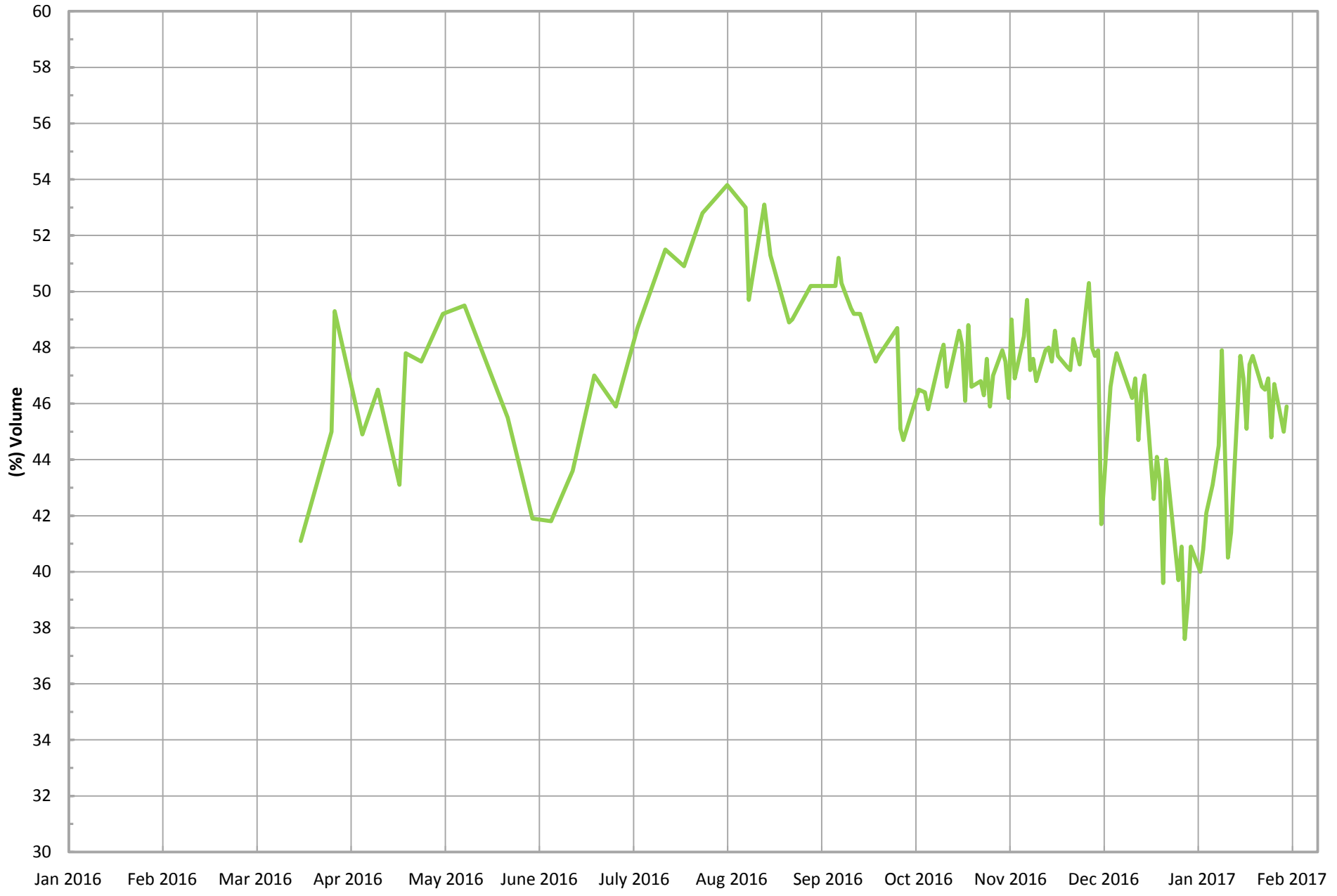
North Quarry Inlet Carbon Monoxide*



*Data collected from Laboratory Reports for the North Quarry.

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North Quarry Inlet Methane (Field Data)*

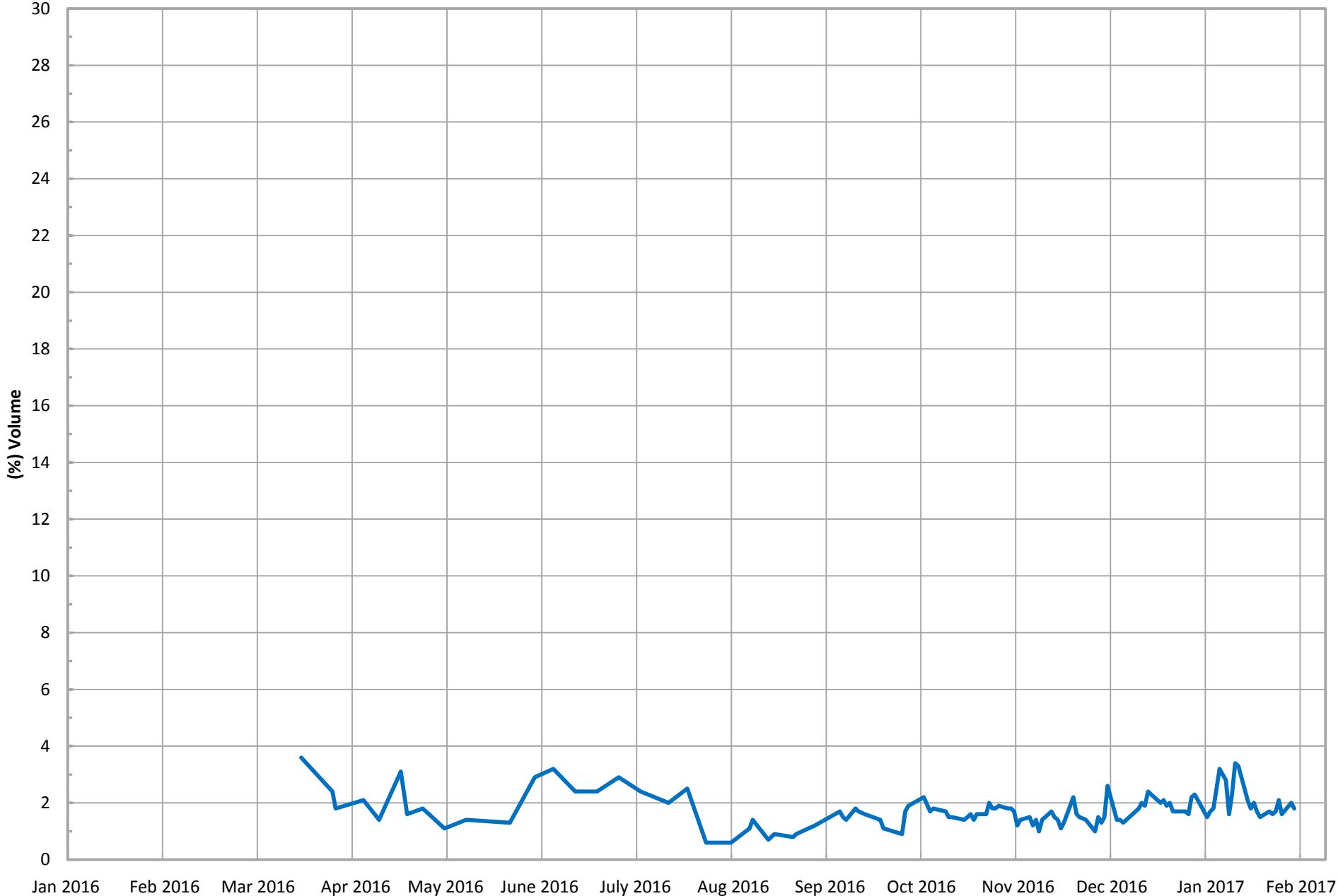


*Gas data collected from field monitoring data in the North Quarry.

— Combined Inlet Methane (Field Data)*



North Quarry Inlet Oxygen (Field Data)*

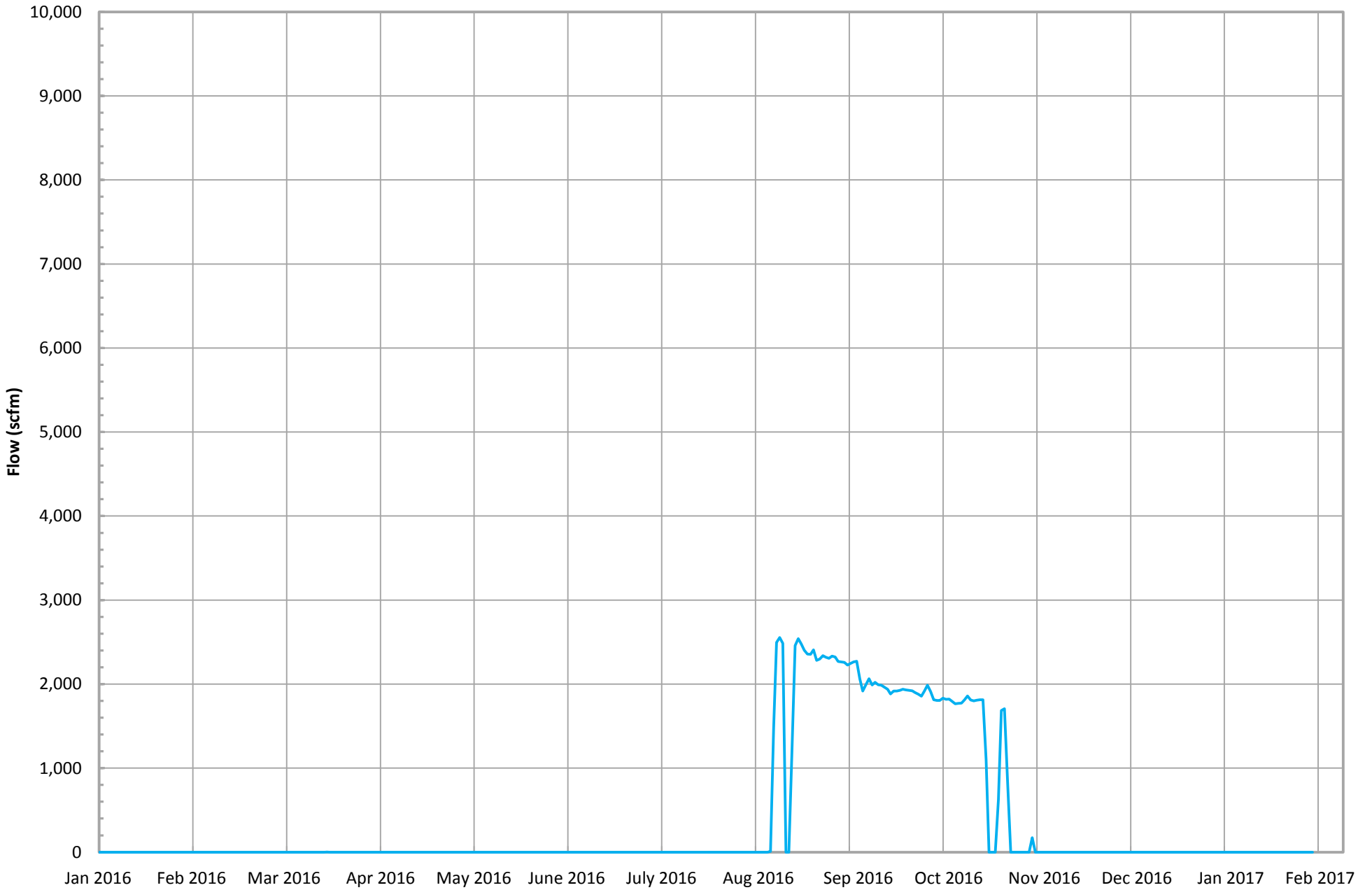


*Gas data collected from field monitoring data in the North Quarry.

— Combined Inlet Oxygen (Field Data)*



Candlestick Flare (FL-100) Flow (scfm)*

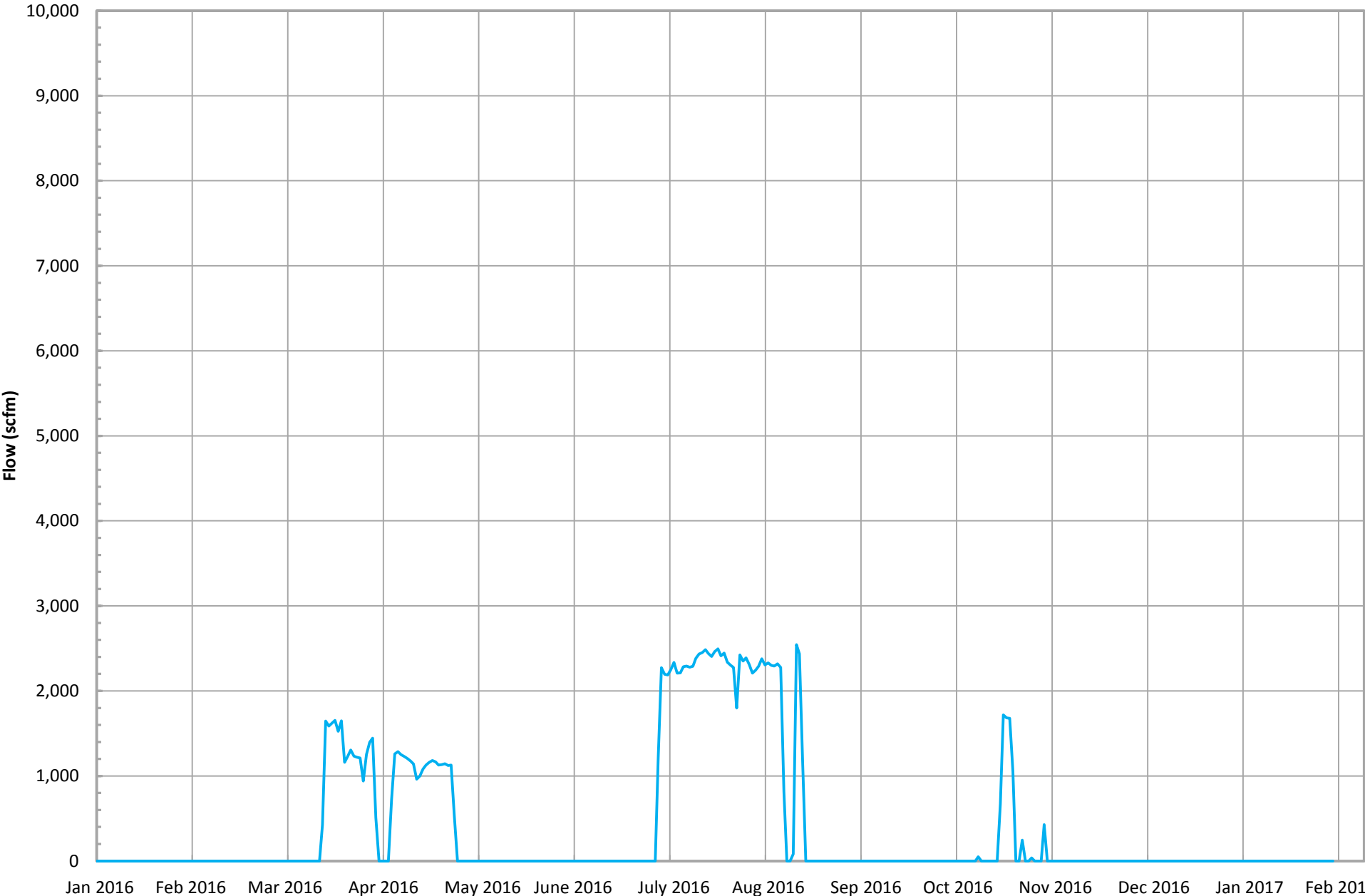


*Flow is based on tabulated flow data collected daily in the South Quarry.

— Candlestick Flare (FL-100) Flow (scfm)*

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Candlestick Flare (FL-120) Flow (scfm)*

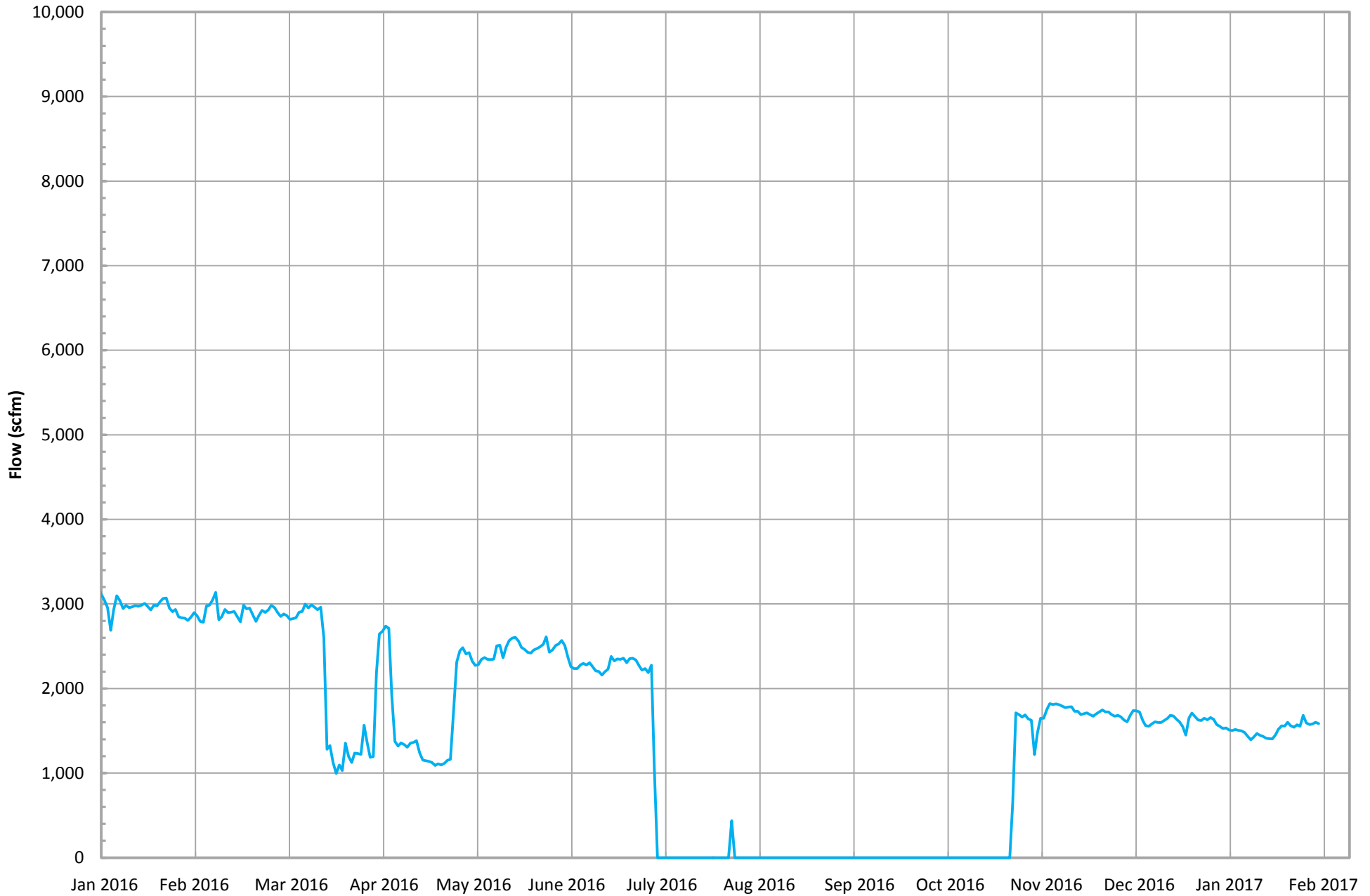


*Flow is based on tabulated flow data collected daily in the South Quarry.

— Candlestick Flare (FL-120) Flow (scfm)*



Candlestick Flare (FL-140) Flow (scfm)*

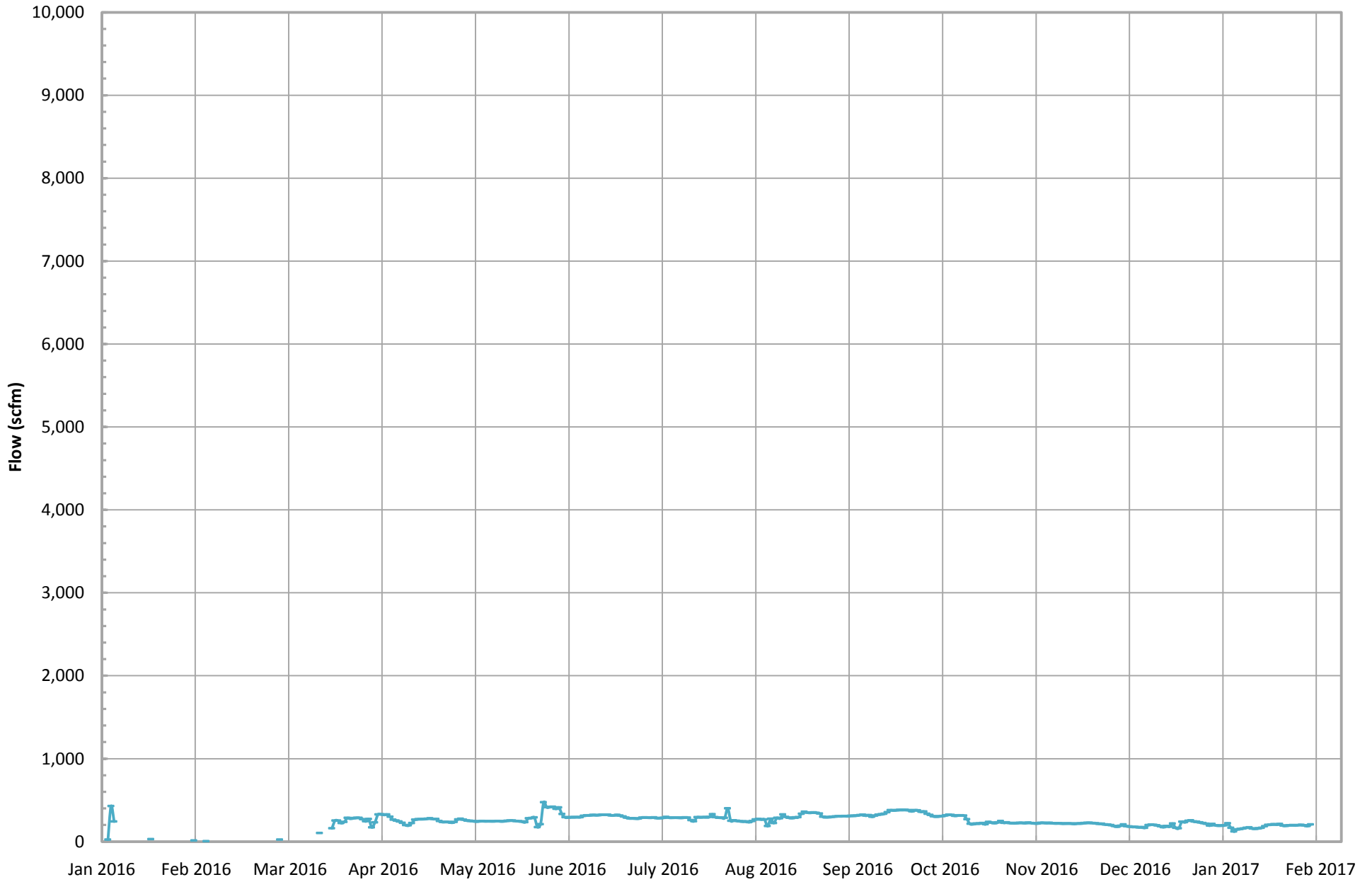


*Flow is based on tabulated flow data collected daily in the South Quarry.

— Candlestick Flare (FL-140) Flow (scfm)*

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Auxiliary Candlestick Flare Flow (scfm)*

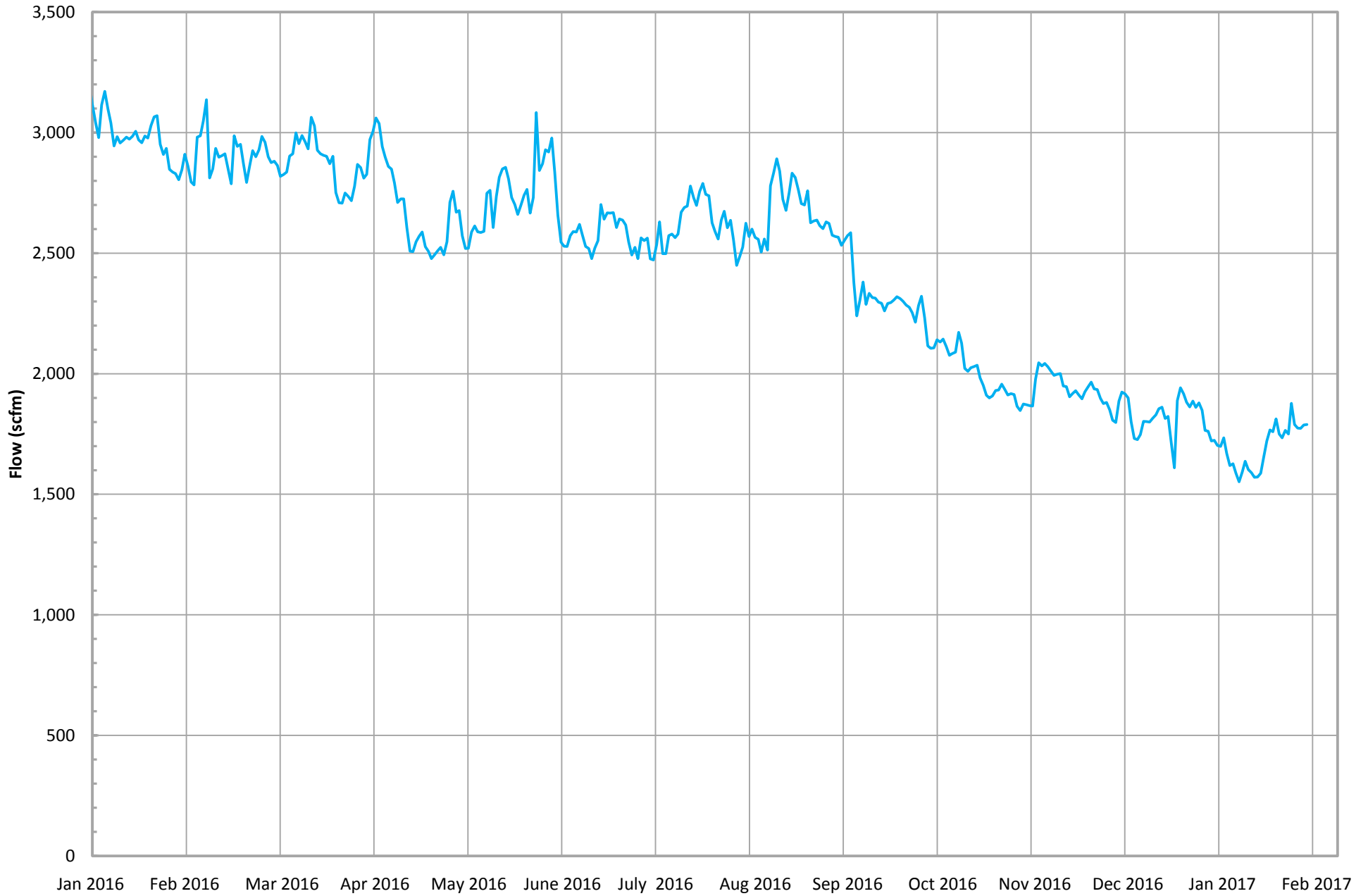


*Flow is based on tabulated flow data collected daily in the North Quarry.

— Auxiliary Candlestick Flare Flow (scfm)*

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Total Combined Flow (scfm)*



*Combined flow is based on tabulated flow data collected daily from FL-100, FL-120, FL-140, and the Auxillary Candlestick Flare.

— Total Combined Flow (scfm)*

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