

Daily Flare Monitoring Data - Bridgeton Landfill
February 2018

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***	
2/1/2018	0	1,139	0	245	1,384
2/2/2018	0	1,124	0	237	1,361
2/3/2018	0	1,125	0	242	1,368
2/4/2018	0	1,082	0	232	1,315
2/5/2018	0	1,074	0	232	1,306
2/6/2018	0	1,074	0	224	1,298
2/7/2018	0	1,073	0	228	1,302
2/8/2018	0	1,072	0	262	1,334
2/9/2018	0	1,072	0	256	1,328
2/10/2018	0	1,048	0	255	1,303
2/11/2018	0	1,016	0	253	1,270
2/12/2018	0	1,035	0	261	1,296
2/13/2018	0	1,062	0	264	1,326
2/14/2018	0	1,080	0	262	1,342
2/15/2018	104	855	0	273	1,232
2/16/2018	404	676	0	279	1,359
2/17/2018	0	1,075	0	291	1,366
2/18/2018	0	1,070	0	293	1,363
2/19/2018	0	1,078	0	287	1,365
2/20/2018	0	1,071	0	287	1,358
2/21/2018	0	1,031	0	288	1,320
2/22/2018	0	1,041	0	295	1,336
2/23/2018	0	1,045	0	287	1,333
2/24/2018	0	1,040	0	288	1,329
2/25/2018	0	1,031	0	284	1,315
2/26/2018	0	1,052	0	286	1,338
2/27/2018	0	1,088	0	291	1,379
2/28/2018	0	1,054	0	295	1,349
AVERAGE	18	1,046	0	267	1,331
* 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.					

Flare Station Lab Data

South Quarry

Date	CH4	CO2	O2	N2	H2	CO (ppm)	Comments:
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
3/7/2017	9.1	35.0	8.6	35.2	11.6	695	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
4/4/2017	9.3	35.6	8.5	34.5	11.5	680	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
5/11/2017	14.5	34.2	7.8	33.2	9.5	525	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
6/6/2017	9.7	32.9	8.5	38.5	9.3	540	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
7/6/2017	11.1	35.2	6.7	35.0	10.0	610	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
8/2/2017	12.8	37.6	6.7	30.9	10.7	590	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
9/7/2017	11.0	31.8	8.4	38.6	9.2	475	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
10/10/2017	12.1	33.6	7.8	36.0	9.5	535	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
11/2/2017	11.5	32.3	8.3	37.6	9.5	530	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
12/5/2017	11.9	33.8	7.7	35.4	10.5	555	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
1/3/2018	12.4	33.7	8.1	34.6	10.7	545	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
2/5/2018	12.2	33.0	7.6	36.2	10.3	505	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
3/7/2018	11.2	32.8	8.1	37.0	10.2	505	Gas concentrations based on average of Blower Outlet A and Blower Outlet B

North Quarry

Date	CH4	CO2	O2	N2	H2	CO (ppm)	Comments:
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
3/7/2017	42.7	34.9	1.7	18.8	ND	ND	Gas concentrations based on average of NQ EP14 A and EP14 B
4/4/2017	46.5	37.9	ND	11.7	ND	ND	Gas concentrations based on average of NQ EP14 A and EP14 B
5/16/2017	45.9	33.5	1.9	15.5	ND	ND	Gas concentrations based on average of NQ EP14 A and EP14 B
6/6/2017	43.4	34.3	2.8	18.3	ND	ND	Gas concentrations based on average of NQ EP14 A and EP14 B
7/6/2017	45.5	34.6	2.7	16.1	ND	ND	Gas concentrations based on average of NQ EP14 A and EP14 B
8/2/2017	49.4	37.2	1.8	10.5	ND	ND	Gas concentrations based on average of NQ EP14 A and EP14 B
9/7/2017	47.8	36.6	2.1	12.1	ND	ND	Gas concentrations based on average of NQ EP14 A and EP14 B
10/10/2017	48.0	36.1	2.1	12.8	ND	ND	Gas concentrations based on average of NQ EP14 A and EP14 B
11/2/2017	49.5	36.0	2.0	11.2	ND	ND	Gas concentrations based on average of NQ EP14 A and EP14 B
12/5/2017	42.4	32.4	3.1	21.0	ND	ND	Gas concentrations based on average of NQ EP14 A and EP14 B
1/3/2018	41.9	31.5	3.2	22.4	ND	ND	Gas concentrations based on average of NQ EP14 A and EP14 B
2/5/2018	36.1	28.7	4.5	29.6	ND	ND	Gas concentrations based on average of NQ EP14 A and EP14 B
3/7/2018	35.3	26.5	6.1	31.1	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	SQ Flare Station Total Utility Flare Flow	NQ 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
2/1/2017	9.8	34.8	8.7	46.7	15.86	60	45.2	33.2	1.7	19.9	1.08	57.7	0	0	1,586	1586	205	1790
2/2/2017	9.1	31.7	9.6	49.6	16.17	45	44.2	30.6	2.2	23	1.07	46.3	0	0	1,598	1598	188	1785
2/3/2017	9.4	32.8	9.2	48.6	14.88	43	43.8	31.3	2	22.9	1	42.5	0	0	1,583	1583	187	1770
2/4/2017													0	0	1,531	1531	185	1716
2/5/2017													0	0	1,553	1553	189	1741
2/6/2017	10.3	36.3	8	45.4	14.33	59	47.8	33.6	1.2	17.4	0.97	57.5	0	0	1,635	1635	189	1824
2/7/2017	11.4	36.4	8	44.2	13.66	92	47.3	35	1.3	16.4	0.94	75.2	0	0	1,617	1617	186	1803
2/8/2017	9.9	35.2	8.5	46.4	14.76	37.1	45.8	32.4	1.4	20.4	0.89	50.1	0	0	1,558	1558	180	1738
2/9/2017	9.1	35.7	9.6	45.6	14.46	36	45.1	33.9	1.7	19.3	0.87	37.1	0	0	1,564	1564	189	1754
2/10/2017	13.2	35.7	7.4	43.7	13.66	45	47.8	35	1.5	15.7	1.02	49.8	0	0	1,575	1575	193	1768
2/11/2017													0	0	1,539	1539	200	1739
2/12/2017													0	0	1,499	1499	195	1694
2/13/2017	10.2	40.5	8.2	41.1	15.18	54.8	44.8	35	1	19.2	1.19	61.1	0	0	1,505	1505	200	1705
2/14/2017	11.2	38.8	6.8	43.2	14.02	61	46.9	34.9	0.8	17.4	1.08	60.2	0	0	1,497	1497	199	1696
2/15/2017	10.6	35.3	7.9	46.2	15.25	52	45.3	32.2	1.2	17.4	1.02	48.6	0	0	1,491	1491	195	1686
2/16/2017	10.8	36.1	7.5	45.6	13.96	51	45.4	33	1	17.4	1.17	52.1	0	0	1,518	1518	196	1714
2/17/2017	11.1	37.4	7.2	44.3	15.25	66	45.2	31.8	1.2	17.4	0.93	60.8	0	0	1,677	1677	196	1873
2/18/2017													0	0	1,752	1752	194	1946
2/19/2017													0	0	1,770	1770	200	1970
2/20/2017	8.7	31.8	9.7	49.8	16.41	74	45.3	34.7	0.9	19.1	1.08	67.1	0	0	1,779	1779	201	1980
2/21/2017	9.1	40.3	7.7	42.9	16.53	80	46.5	35.6	0.7	17.2	1.18	68.2	0	0	1,766	1766	202	1967
2/22/2017	9	36.1	9.6	45.3	14.55	74	46.9	36.8	0.7	15.6	1.1	67.1	0	0	1,752	1752	197	1949
2/23/2017	9	32.8	9.4	48.8	15	75	47.6	35.1	0.8	16.5	1.14	67.3	0	0	1,802	1802	196	1999
2/24/2017	8.7	32.7	9.5	49.1	15.31	82	47.6	36	0.9	15.5	0.96	73.4	0	0	1,707	1707	184	1891
2/25/2017													0	0	1,437	1437	174	1611
2/26/2017													0	0	1,535	1535	179	1714
2/27/2017	10.1	36	8.3	45.6	15.92	59	45.1	35.1	1	18.8	0.98	58.9	0	0	1,576	1576	184	1760
2/28/2017	10.4	34.8	8.1	46.7	15.43	74	48.1	37.5	0.7	13.7	1.07	80.4	0	0	1,598	1598	185	1783
3/1/2017	9.8	35.3	8.8	46.1	15.19	63	44.6	35.5	1.1	18.8	0.89	55.7	0	0	1,559	1559	178	1737
3/2/2017	9.6	33.6	9	47.8	14.88	52	43.4	32.8	1.2	22.6	0.93	51.3	0	0	1,543	1543	181	1724
3/3/2017	9	32.6	9.5	48.9	14.15	46	42.1	31.1	1.6	25.2	-15.13	46.3	0	428	925	1352	187	1539
3/4/2017													0	934	646	1580	188	1768
3/5/2017													0	0	1,574	1574	186	1760
3/6/2017	11	37.3	7.7	44	14.94	70	49.1	36.7	0.7	13.5	0.92	66.3	0	0	1,491	1491	203	1694
3/7/2017	10.4	38.1	7.5	44	14.7	90	44.5	36.2	0.8	18.5	0.97	77.3	0	0	1,557	1557	182	1739
3/8/2017	10.1	36.8	8.2	44.9	10.78	59	43.8	35.2	0.8	20.2	0.89	57.7	0	0	1,583	1583	184	1767
3/9/2017	10.2	36.4	8.3	45.1	11.27	68	46.5	36.1	0.7	16.7	0.93	63.9	0	0	1,561	1561	191	1752
3/10/2017	9.5	33.7	9.2	47.6	11.51	53	43.2	33	1.3	22.5	0.83	50.4	0	0	1,568	1568	177	1745
3/11/2017													0	0	1,559	1559	164	1723
3/12/2017													0	0	1,560	1560	183	1743
3/13/2017	10.2	35.3	8.5	46	13.78	51	48.5	35.3	0.9	15.3	1.02	47.9	0	0	1,546	1546	181	1727
3/14/2017	9.3	33.9	9.4	47.4	15.19	47	44.7	35.2	1.1	19	1.05	45.6	0	0	1,507	1507	188	1695
3/15/2017	9.2	33.1	9.6	48.1	13.84	37	42.8	33.2	1.5	22.5	0.73	36.9	0	0	1,523	1523	177	1700
3/16/2017	9.7	33.8	8.9	47.6	25.6	54	45.9	33.7	1.2	19.2	0.79	47.9	0	0	1,558	1558	171	1729
3/17/2017	9.7	34.4	9	46.9	25.78	68	49	36.4	0.7	13.9	0.8	57.3	0	0	1,630	1630	174	1803
3/18/2017													0	0	1,612	1612	163	1775
3/19/2017													0	0	1,607	1607	165	1772
3/20/2017	10	34.6	8.6	46.8	15.8	69	50.8	36.2	0.7	12.3	0.85	63.6	0	0	1,630	1630	176	1806
3/21/2017	9.4	32.7	9.4	48.5	15.06	67	46.2	35.7	0.8	17.3	1.02	60	0	0	1,599	1599	193	1792

Date	South Quarry						North Quarry						Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	SQ Flare Station Total Utility Flare Flow	NQ 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
3/22/2017	8.9	31.4	10	49.7	14.94	56	45.6	34.5	1.2	18.7	1.09	52	0	0	1,561	1561	195	1756
3/23/2017	9.4	37.2	8.7	44.7	14.55	58	47.3	36.5	1.1	15.1	0.97	52.6	0	0	1,493	1493	195	1688
3/24/2017	10.4	35	8.5	46.1	13.47	73	47.8	35.4	1	15.8	0.85	66.6	0	0	1,522	1522	207	1729
3/25/2017													0	0	1,463	1463	218	1681
3/26/2017													0	0	1,454	1454	215	1670
3/27/2017	11.2	37.3	7.9	43.6	14.39	73	48.3	35.6	0.7	15.4	1.35	63.4	0	0	1,451	1451	214	1666
3/28/2017	10	37.1	8.1	44.8	14.94	71	46.2	35.4	0.9	17.5	1.18	66.3	0	0	1,454	1454	203	1657
3/29/2017	10.5	36.2	8	45.3	13.66	68	48.6	36.9	0.6	13.9	0.68	62.3	0	0	1,468	1468	181	1649
3/30/2017	11.6	39.7	6.9	41.8	14.08	76	52.5	37.5	0.4	9.6	0.77	67.7	0	0	1,480	1480	178	1658
3/31/2017	10.4	36.3	8.4	44.9	14.15	64	48.5	36	0.7	14.8	0.66	60.5	0	0	1,455	1455	170	1625
4/1/2017													0	0	1,488	1488	177	1664
4/2/2017													0	0	1,500	1500	180	1679
4/3/2017	11.3	37.8	7.6	43.3	13.47	77.1	52	37.8	0.3	9.9	0.79	70.3	0	0	1,484	1484	177	1661
4/4/2017	10.5	36.8	8.1	44.6	14.02	73	50.3	39.3	0.6	9.8	0.81	81.2	0	0	1,474	1474	176	1650
4/5/2017	11.2	38.5	7.5	42.8	14.45	71	52.1	37.7	0.3	9.9	0.86	66.1	0	0	1,481	1481	174	1655
4/6/2017	10.5	33.5	8.5	47.5	13.53	60	47.6	36	0.9	15.5	0.95	56.5	0	0	1,523	1523	172	1696
4/7/2017	9.7	33.5	8.9	47.9	14.82	61	47.3	37.1	0.7	14.9	0.96	59.6	0	0	1,581	1581	183	1765
4/8/2017													0	0	1,576	1576	192	1768
4/9/2017													0	0	1,603	1603	192	1795
4/10/2017	10	34.7	8.5	46.8	14.27	85	48.8	35.2	0.6	15.4	0.96	77.1	0	0	1,640	1640	189	1829
4/11/2017	9.3	33.2	9.2	48.3	16.29	70	48.9	37.1	0.6	13.4	0.95	86	0	0	1,631	1631	187	1819
4/12/2017	9.5	32	9	49.5	13.53	68	48.6	34.9	0.6	15.9	0.9	63.7	0	0	1,655	1655	187	1843
4/13/2017	9.9	33.7	8.7	47.7	15.13	80	49	36.2	0.6	14.2	0.77	71.6	0	0	1,637	1637	188	1825
4/14/2017	9.8	34.2	8.4	47.6	14.45	87	49.3	36.5	0.7	13.5	0.87	77.4	0	0	1,702	1702	187	1889
4/15/2017													0	0	1,731	1731	187	1918
4/16/2017													0	0	1,704	1704	182	1886
4/17/2017	8.4	27.7	10.2	53.7	15.74	80	48.5	37	0.5	14	0.95	70.5	0	0	1,606	1606	183	1789
4/18/2017	9.9	34.6	8.3	47.2	14.45	77	49.5	37.7	0.6	12.2	0.87	98.2	0	0	1,469	1469	186	1655
4/19/2017	9.4	38.7	7.9	44	12.43	83	49.7	37.9	0.4	12	0.87	76.8	0	0	1,486	1486	188	1673
4/20/2017	9.6	38.5	7.9	44	14.25	89	50.1	38.3	0.5	11.1	0.95	81.9	0	0	1,463	1463	185	1648
4/21/2017	9.3	38	8.2	44.5	13.66	76	49.1	37.1	0.6	13.2	0.89	66.8	0	0	1,418	1418	179	1597
4/22/2017													0	0	1,412	1412	182	1593
4/23/2017													0	0	1,431	1431	186	1617
4/24/2017	12.9	36.2	7.4	43.5	13.47	71	53.9	37.2	0.4	8.5	0.87	69.1	0	0	1,440	1440	189	1629
4/25/2017	10.7	40.4	6.6	42.3	15.01	111	50.6	40	0.4	9	0.84	98.8	0	0	1,370	1370	195	1565
4/26/2017	10.2	39	7.4	43.4	13.4	67.2	50.9	38.8	0.3	10	0.93	74.9	0	0	1,416	1416	192	1608
4/27/2017	9.3	37.3	8.8	44.6	14.21	65	49.7	36.6	0.5	13.2	0.81	60.1	0	0	1,430	1430	188	1618
4/28/2017	9.9	37.9	8.3	43.9	13.53	75	50.2	37.3	0.3	12.2	0.92	63.3	0	0	1,453	1453	180	1633
4/29/2017													0	0	1,497	1497	124	1620
4/30/2017													0	0	1,622	1622	0	1622
5/1/2017	16.1	36.1	6.8	41	15.98	68							0	0	1,596	1596	0	1596
5/2/2017	15.3	39.4	6.4	38.9	17.51	86							0	0	1,635	1635	0	1635
5/3/2017	14.1	34.8	7.6	43.5	13.15	69							0	0	1,630	1630	0	1630
5/4/2017	16.1	38	6.6	39.3	15.64	67							0	0	1,588	1588	0	1588
5/5/2017	16.9	37.1	6.3	39.7	15.37	69							0	0	1,654	1654	0	1654
5/6/2017													0	0	1,668	1668	0	1668
5/7/2017													0	0	1,686	1686	0	1686
5/8/2017	16	35.4	6.8	41.8	14.27	80							0	0	1,716	1716	0	1716
5/9/2017	13.6	36.7	6.9	42.8	13.96	86							0	0	1,733	1733	0	1733

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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
5/10/2017	16.5	37	6.4	40.1	17.58	90							0	0	1,733	1733	0	1733
5/11/2017	16.2	34.3	6.8	42.7	13.29	88							0	0	1,608	1608	81	1689
5/12/2017	11.2	36.2	8	44.6	14.21	82	50.6	37.2	0	12.2	1.36	78.9	0	0	1,507	1507	236	1743
5/13/2017													0	0	1,526	1526	227	1753
5/14/2017													0	0	1,511	1511	226	1737
5/15/2017	11.5	36.7	7.4	44.4	14.15	88	49.1	37.7	0.2	13	1.15	81.7	0	0	1,533	1533	228	1761
5/16/2017	12.2	37	6.4	44.4	14.57	120	47.5	38.6	0.7	13.2	1.34	88.1	0	0	1,513	1513	257	1770
5/17/2017	11.4	37.1	7.1	44.4	13.66	92	31.9	23.9	8.1	36.1	2.61	84.9	0	0	1,465	1465	269	1734
5/18/2017	11.7	37.2	7	44.1	13.66	91	48.2	36.3	0.4	15.1	1.33	85.7	0	0	1,500	1500	230	1730
5/19/2017	13.5	43.1	4.6	38.8	19.6	88	51.2	38.1	0	10.7	1.33	82.1	121	92	1,198	1411	190	1601
5/20/2017													0	0	1,512	1512	231	1743
5/21/2017													0	0	1,476	1476	229	1705
5/22/2017	10.8	34.7	7.6	46.9	17.76	78	47.3	33.4	0.8	18.5	1.61	84.9	0	0	1,510	1510	204	1714
5/23/2017	11	35.8	7.3	45.9	14.57	85	48.6	36.9	0.5	14	1.77	78.9	0	0	1,491	1491	244	1735
5/24/2017	11.6	35.5	7.2	45.7	13.29	76	49.6	35.9	0.6	13.9	1.77	73.4	0	0	1,474	1474	240	1714
5/25/2017	11.1	35	7.4	46.5	13.66	78	47.6	35.3	0.6	16.5	1.93	74.9	0	0	1,505	1505	228	1733
5/26/2017	11.1	34.9	7.5	46.5	13.84	85	47.5	35.4	0.7	16.4	1.81	78.7	0	0	1,512	1512	239	1751
5/27/2017													0	0	1,469	1469	240	1709
5/28/2017													0	0	1,470	1470	240	1710
5/29/2017													0	0	1,459	1459	241	1700
5/30/2017	11.3	33.4	7.5	47.8	13.35	87							0	0	1,504	1504	206	1710
5/31/2017	11.4	38	7.6	43	13.87	87	47.9	36.4	0.7	15	1.76	82.2	0	0	1,533	1533	211	1744
6/1/2017	11	37.8	7.2	44	14.55	94	48.1	36.7	0.9	14.3	1.56	86	0	0	1,531	1531	260	1791
6/2/2017	10.3	37.9	7.3	44.5	12.85	99	52.6	36.7	1	9.7	1.87	114.7	0	0	1,560	1560	254	1815
6/3/2017													0	0	1,533	1533	245	1778
6/4/2017													0	0	1,458	1458	242	1700
6/5/2017	10.3	38.1	7.5	44.1	13.23	96	47.6	36.3	0.9	15.2	1.91	88	0	0	1,523	1523	240	1764
6/6/2017	11.1	35.8	7.1	46	14.45	118							0	0	1,482	1482	213	1695
6/7/2017	11.2	36	7.3	45.5	12.12	98	44.8	35	1.3	18.9	1.46	106.6	0	0	1,476	1476	199	1675
6/8/2017	11.2	38.3	6.9	43.6	12.68	96	47.6	36.5	0.8	15.1	1.67	107.6	0	0	1,531	1531	202	1733
6/9/2017	14.2	35.8	7.9	42.1	15.64	90	55.2	36.2	0.9	7.7	1.31	86.1	0	0	1,560	1560	213	1773
6/10/2017													0	0	1,564	1564	210	1773
6/11/2017													0	0	1,572	1572	208	1780
6/12/2017	9.7	36.1	8.1	46.1	14.08	101	46.5	36.3	0.9	16.3	1.5	95.8	0	0	1,545	1545	205	1751
6/13/2017													0	0	1,518	1518	211	1729
6/14/2017	11.1	36.7	7.2	45	13.23	102	46.4	35.9	1.4	16.3	1.76	95.5	0	0	1,402	1402	220	1622
6/15/2017	10.1	36.4	8	45.5	12.52	87	46.9	35.6	0.8	16.7	1.51	84.5	0	0	1,520	1520	234	1753
6/16/2017	10.8	37.9	6.9	44.4	14.67	100	47.5	36.4	1	15.1	1.91	95.6	0	0	1,518	1518	231	1749
6/17/2017													0	0	1,515	1515	228	1743
6/18/2017													0	0	1,485	1485	197	1682
6/19/2017	10.6	37.4	7.4	44.6	14.8	92	46.8	36.2	1	16	1.78	89.4	0	0	1,482	1482	191	1672
6/20/2017	11.8	37.8	6.5	43.9	14.76	124	48.3	36.7	1.1	13.9	1.7	113.2	0	0	1,489	1489	227	1715
6/21/2017	11.8	37.3	6.8	44.1	13.17	101	48.4	35.8	0.9	14.9	1.66	94.4	0	0	1,518	1518	231	1749
6/22/2017	13.3	38	7	41.7	14.21	99	52.2	36.8	0.8	10.2	1.44	91	0	0	1,519	1519	228	1748
6/23/2017	11	38.6	6.9	43.5	15.05	100	49	37.5	0.7	12.8	1.88	91.1	0	0	1,507	1507	224	1731
6/24/2017													0	0	1,494	1494	223	1717
6/25/2017													0	0	1,506	1506	228	1733
6/26/2017	11	35.3	7.3	46.4	14.88	92	47.7	35.9	0.9	15.5	1.59	91.8	0	0	1,496	1496	228	1724
6/27/2017	11.1	36.1	7.1	45.7	15.62	128	48.5	37.9	0.9	12.7	1.8	113.3	0	0	1,518	1518	234	1752

Date	South Quarry						North Quarry						Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	SQ Flare Station Total Utility Flare Flow	NQ 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
6/28/2017	12.4	35.5	7.3	44.8	16.35	89	48.4	36.2	0.7	14.7	1.52	83.4	0	0	1,511	1511	208	1720
6/29/2017	11	37.6	7.1	44.3	15.73	95	48.6	36.6	0.7	14.1	1.74	88.6	0	0	1,505	1505	229	1734
6/30/2017	10.5	35.8	7.5	46.2	13.15	97	48.3	36.4	0.8	14.5	1.68	90.6	0	0	1,490	1490	229	1718
7/1/2017													0	0	1,516	1516	231	1747
7/2/2017													0	0	1,533	1533	234	1767
7/3/2017	11.1	37	7.3	44.6	15.18	100	48.9	36.8	1	13.3	1.51	94.6	0	0	1,544	1544	235	1779
7/4/2017													0	0	1,520	1520	232	1752
7/5/2017	10.3	35.8	7.9	46	12.81	90	46.5	35.5	0.9	17.1	1.54	88.6	0	0	1,482	1482	230	1712
7/6/2017	12	37.8	6.4	43.8	13.23	128	48.7	36.8	0.8	13.7	1.75	116.9	0	0	1,502	1502	232	1734
7/7/2017	12.1	34.5	7.2	46.2	15.25	95	50.6	35.1	0.7	13.6	1.4	87.2	0	0	1,499	1499	232	1730
7/8/2017													0	0	1,501	1501	231	1732
7/9/2017													0	0	1,518	1518	235	1754
7/10/2017	11.3	36.4	7.2	45.1	13.29	99	48.6	36.5	0.7	14.2	1.53	91.9	0	0	1,504	1504	234	1738
7/11/2017	12	37.7	6.4	43.9	14.82	135	48.1	36.4	0.9	14.6	1.78	124.6	0	0	1,507	1507	239	1746
7/12/2017	11.1	35.8	7.2	45.9	12.06	98	48.2	35.6	0.8	15.4	1.7	90.6	0	0	1,505	1505	234	1738
7/13/2017	11.3	36.6	7.3	44.8	11.76	103	48.2	36.1	0.9	14.8	1.69	93.2	0	0	1,486	1486	228	1714
7/14/2017	11.5	33.7	7.2	47.6	14.82	96	48.6	35.4	0.7	15.3	1.39	87.2	0	0	1,470	1470	229	1699
7/15/2017													0	0	1,483	1483	231	1714
7/16/2017													0	0	1,491	1491	230	1720
7/17/2017	11.8	34.2	7	47	13.35	101	48.5	35.2	0.9	15.4	1.56	90.7	0	0	1,488	1488	225	1713
7/18/2017	11.7	37.2	6.8	44.3	14.7	112	48.9	35.8	1	14.3	1.73	121	0	0	1,503	1503	223	1726
7/19/2017	11.6	35.8	7.1	45.5	12	108	48.5	36	1	14.5	1.58	97.4	330	411	754	1495	229	1724
7/20/2017	11.4	33.4	7.6	47.6	10.35	102	50.3	35.7	1.2	12.8	-12.86	88.4	0	1,595	0	1595	162	1757
7/21/2017	11.8	35.9	7.2	45.1	6.43	103	49.1	35.9	0.9	14.1	1.32	99.3	0	1,562	0	1562	214	1776
7/22/2017													0	1,523	0	1523	209	1732
7/23/2017													0	1,338	0	1338	171	1509
7/24/2017	11.8	34.6	7.3	46.3	14.94	92	48.4	36.2	1.1	14.3	1.35	90.6	0	1,474	0	1474	200	1673
7/25/2017	12.4	36.6	6.9	44.1	16.29	111	50.5	35.6	1.2	12.7	1.26	117.1	0	1,471	0	1472	200	1672
7/26/2017	12.3	34	7.4	46.3	16.78	105	49.5	35.5	1.1	13.9	1.27	96	0	1,480	0	1480	200	1680
7/27/2017	12.3	35.1	7.5	45.1	14.82	93	50.2	35.2	1.1	13.5	1.17	83.3	0	1,389	0	1389	193	1582
7/28/2017	12.8	35.8	7.2	44.2	15.8	94	50.5	36.9	1.1	11.5	1.03	85	0	1,356	0	1356	194	1550
7/29/2017													0	1,370	0	1370	186	1557
7/30/2017													0	1,381	0	1381	177	1559
7/31/2017	12.6	36.5	7.2	43.7	15.37	91	49.6	35.1	1.3	14	1.14	83.2	0	1,285	0	1285	185	1470
8/1/2017	11.7	35.2	7	46.1	13.9	98	47.1	34.1	1.6	17.2	1.74	107.3	0	1,350	0	1351	235	1585
8/2/2017	16.7	36.6	5.9	40.8	16.78	134	52	35	1.4	11.6	1.47	117.9	0	1,379	0	1379	156	1534
8/3/2017	13.5	36.1	6.5	43.9	15.19	96	49.8	35.3	1.3	13.6	1.66	87.2	0	1,379	0	1380	163	1542
8/4/2017	12.5	34.1	7.3	46.1	15.8	85	48.1	35.2	1.5	15.2	1.64	76.5	0	1,338	0	1338	160	1498
8/5/2017													0	1,376	0	1376	179	1555
8/6/2017													0	1,314	0	1314	182	1496
8/7/2017	13.5	35.8	6.8	43.9	14.94	88	50.5	35.5	1.3	12.7	1.96	83	0	1,327	0	1327	181	1508
8/8/2017	13.7	38.7	6	41.6	14.7	122	48.5	36.7	1.2	13.6	2.03	112.3	0	1,361	0	1362	181	1542
8/9/2017	12.7	39.3	6.6	41.4	13.83	87	48.8	36.7	1.2	13.3	2.05	81.7	0	1,342	0	1342	179	1521
8/10/2017	12.6	37.8	6.8	42.8	14.93	96	49.6	36.7	1.2	12.5	1.78	88.4	0	1,397	0	1397	176	1573
8/11/2017	12.5	37.9	6.9	42.7	14.55	90	50.5	36.9	1.1	11.5	1.48	80.7	0	1,347	0	1347	175	1522
8/12/2017													0	1,346	0	1347	175	1522
8/13/2017													0	1,358	0	1358	175	1533
8/14/2017	14.1	38.9	5.9	41.1	14.7	96	50.4	37.2	1	11.4	1.54	91.3	0	1,321	0	1321	176	1496
8/15/2017	14.9	38.7	6.2	40.2	17.58	130	44.8	32.3	3.5	19.4	1.99	116	0	1,371	0	1371	180	1552

Date	South Quarry						North Quarry						Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	SQ Flare Station Total Utility Flare Flow	NQ 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
8/16/2017	12.3	39.1	6.9	41.7	16.49	96	49.5	36.4	1.3	12.8	2.01	87.2	0	1,335	0	1335	183	1519
8/17/2017	13.2	40.3	6.3	40.2	16.24	89	50	37.8	1.2	11	1.69	87.8	0	1,325	0	1325	182	1506
8/18/2017	13	38.6	6.4	42	14.21	89	49.5	36.2	1.3	13	1.96	83.9	0	1,347	0	1347	182	1529
8/19/2017													0	1,385	0	1386	181	1567
8/20/2017													0	1,363	0	1363	175	1538
8/21/2017	12.6	39.2	6.4	41.8	14.88	97	51.6	31.2	1.5	15.7	-13.28	82.6	0	1,373	0	1373	174	1547
8/22/2017	14.3	39.7	5.9	40.1	15.25	113	50.7	37.5	0.9	10.9	2.35	104.9	0	1,339	0	1339	180	1519
8/23/2017	12.5	38.5	6.6	42.4	15.22	84	47.9	35.4	1.9	14.8	2.47	80.5	0	682	716	1398	196	1594
8/24/2017	12.5	38.9	6.7	41.9	7.02	82	49.7	37.3	1.1	11.9	2.29	80.2	0	0	1,440	1440	196	1636
8/25/2017	12.2	38.5	7	42.3	4.94	82	48.9	36.8	1.1	13.2	2.07	81.5	0	0	1,416	1416	183	1600
8/26/2017													0	0	1,512	1512	173	1685
8/27/2017													0	0	1,521	1521	168	1689
8/28/2017	12.1	35.9	7.3	44.7	4.17	87	49.3	37.5	1.3	11.9	2.03	87	0	0	1,452	1452	168	1620
8/29/2017	13.1	37.8	6.1	43	13.35	91	48.9	37.2	1.1	12.8	1.87	82.4	0	0	1,501	1501	172	1673
8/30/2017	12.3	33.5	8	46.2	10.17	88	50	37.4	1.3	11.3	1.94	87.3	0	0	1,534	1534	176	1709
8/31/2017	11.3	33.8	8.1	46.8	5.51	84	49.1	37.5	1	12.4	1.69	83.5	0	0	1,530	1530	179	1709
9/1/2017	11.3	32.3	8.4	48	15.13	81	48.1	36.3	1.6	14	2.09	80.1	0	0	1,535	1535	186	1721
9/2/2017													0	3	1,461	1464	177	1641
9/3/2017													0	0	1,612	1612	184	1796
9/4/2017													0	0	1,597	1597	182	1780
9/5/2017	10.2	33.6	8.8	47.4	16.28	84	48.2	36.6	1.6	13.6	1.99	77.8	0	0	1,575	1575	174	1748
9/6/2017	10.2	32.8	8.9	48.1	14.5	76	47.5	36	1.6	14.9	1.66	69.8	0	0	1,565	1565	170	1735
9/7/2017	11.6	32	7.9	48.5	13.17	91	48.7	36.6	1.5	13.2	2.01	101.6	0	0	1,540	1540	173	1713
9/8/2017	11.3	35.9	7.7	45.1	10.36	89	47.6	36.8	1.4	14.2	2.41	89.4	0	0	1,605	1605	178	1783
9/9/2017													0	0	1,637	1637	180	1817
9/10/2017													0	0	1,617	1617	181	1797
9/11/2017	10	32.6	9.2	48.2	6	75	47.9	36.6	1.5	14	1.99	73.2	0	0	1,609	1609	180	1789
9/12/2017	10.5	33.3	8.8	47.4	10.49	79	48.6	36.8	1.6	13	2.22	74.1	0	323	1,200	1523	182	1705
9/13/2017	10.9	33.5	8.7	46.9	12.85	85	48.5	37.4	1.6	12.5	1.91	78.8	0	0	1,544	1544	180	1724
9/14/2017	10.3	33.5	9	47.2	7.1	80	47.3	37.4	1.5	13.8	1.79	78	0	0	1,567	1567	183	1751
9/15/2017	10.4	34.1	8.8	46.7	16.24	90	47.2	37.2	1.3	14.3	2.43	83.6	0	0	1,588	1588	173	1761
9/16/2017	10.8	32.8	7.9	48.5	16.29	105	46.3	36.8	1.1	15.8	2.55	99.1	0	0	1,551	1551	175	1726
9/17/2017													0	0	1,502	1502	185	1688
9/18/2017	11	35.2	8.2	45.6	15.9	90	48.7	36.8	1.3	13.2	2.4	81.7	0	0	1,506	1506	182	1688
9/19/2017	11.4	35.5	8.1	45	15.56	92	49	37	1.2	12.8	2.59	84.7	0	0	1,525	1525	174	1699
9/20/2017	11.1	35.2	8.1	45.6	15.98	94	47.5	36.6	1.8	14.1	2.3	87	0	0	1,518	1518	171	1689
9/21/2017	11.1	34.6	8.1	46.2	15.01	97	47.2	37.3	1.5	14	1.95	88.6	0	0	1,403	1403	168	1571
9/22/2017	12.9	37.2	6.9	43	12.98	95	47.2	37.3	1.5	14	2.11	88.5	0	0	1,379	1379	172	1551
9/23/2017													0	0	1,388	1388	171	1559
9/24/2017													0	0	1,376	1376	171	1546
9/25/2017	13	38.4	7	41.6	14.88	93	47.7	36.5	1.8	14	2.63	85.9	0	0	1,269	1269	171	1439
9/26/2017	13.8	39.6	5.7	40.9	13.95	131	47.4	36.7	1.6	14.3	2.38	117.3	0	0	1,362	1362	171	1533
9/27/2017	12.7	37.4	7.1	42.8	14.21	87	47.1	36.4	1.7	14.8	2.11	78.6	0	0	1,286	1286	167	1453
9/28/2017	12.9	37.3	7	42.8	14.29	77	46.9	36.7	1.7	14.7	2.05	72.8	0	0	1,345	1345	169	1514
9/29/2017	12.2	33.5	7.1	47.2	13.18	76	47	35.1	1.8	16.1	2.57	72.5	0	0	1,392	1392	170	1562
9/30/2017													0	0	1,351	1351	152	1503
10/1/2017													0	0	1,361	1361	170	1531
10/2/2017	12	33.1	7.4	47.5	12.39	93	47.4	35.5	1.7	15.4	2.67	79.7	0	0	1,381	1381	173	1554
10/3/2017	11.8	31.5	7.8	48.9	12.87	98	47.6	34.8	1.5	16.1	2.27	91.7	0	0	1,376	1376	172	1548

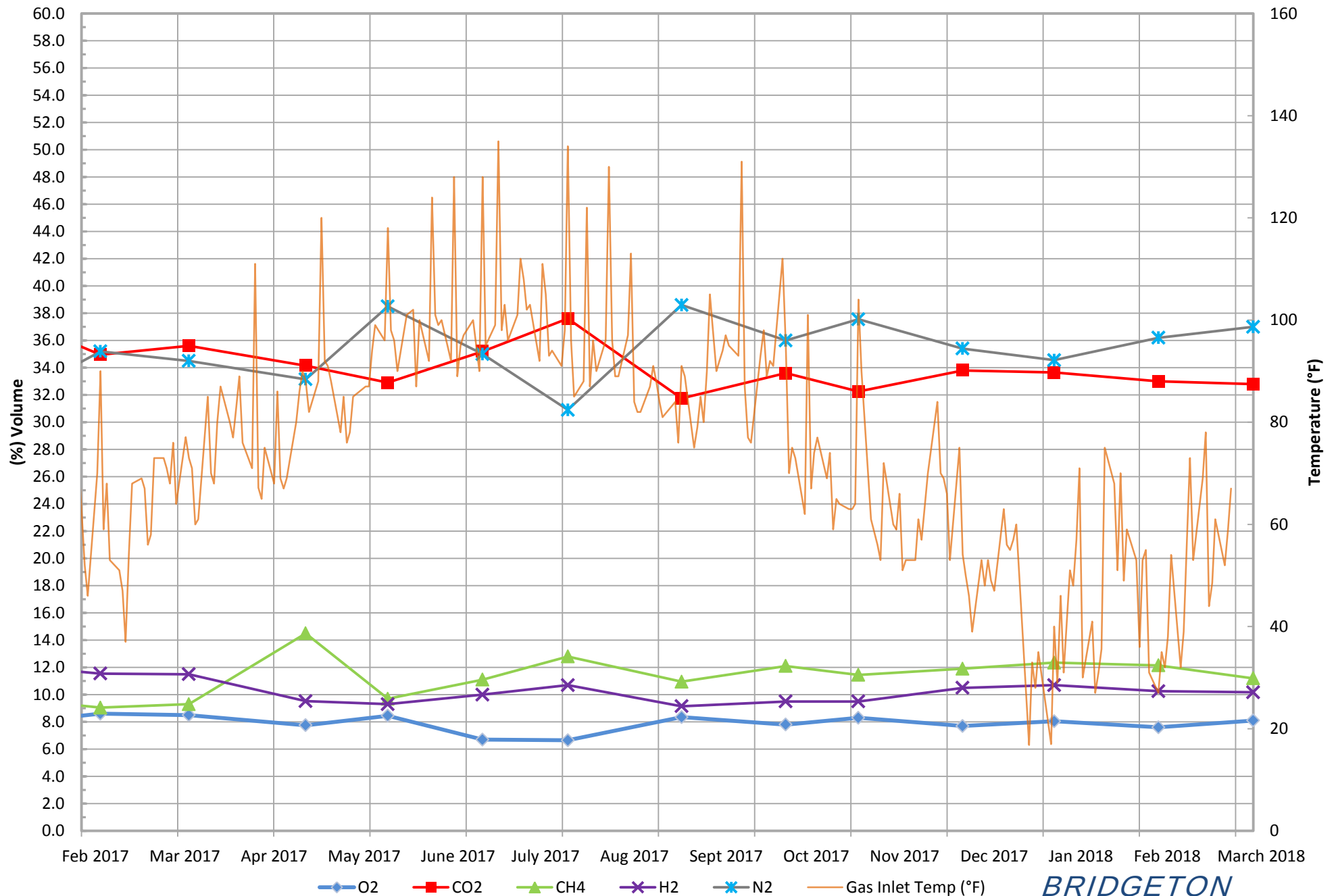
Date	South Quarry						North Quarry						Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	SQ Flare Station Total Utility Flare Flow	NQ Utility Flare Flow (scfm)	Total Flow
	CH4	CO2	O2	Bal.	Press./Vac.	Gas Inlet Temp (°F)	CH4	CO2	O2	Bal.	Press./V ac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
10/4/2017	11.7	33.2	7.9	47.2	14.09	89	47.9	34.1	1.4	16.6	2.8	83.8	0	0	1,454	1454	177	1630
10/5/2017	11.1	29.8	8.7	50.4	14.15	92							0	0	1,355	1355	172	1528
10/6/2017	11.7	32.9	7.9	47.5	14.57	91	49.3	35.8	1.5	13.4	0.8	84	0	0	1,241	1241	198	1439
10/7/2017													0	0	1,218	1218	189	1407
10/8/2017													0	0	1,219	1219	193	1412
10/9/2017	11.8	33.5	7.6	47.1	13.72	112	47	34.6	1.7	16.7	0.63	81.2	0	0	1,221	1221	193	1414
10/10/2017	12.2	34	7.3	46.5	11.78	95							0	0	1,189	1189	191	1380
10/11/2017	11.4	31.5	8.3	48.8	12.57	70	47.4	33.4	1.8	17.4	0.79	66.3	0	0	1,145	1145	187	1332
10/12/2017	12.5	34.4	7	46.1	14.27	75	47.7	35.5	1.6	15.2	0.88	71.9	0	0	1,120	1120	179	1299
10/13/2017	12.5	34.6	7.1	45.8	12.14	73	47	34.2	1.7	17.1	0.68	68.8	0	0	1,173	1173	178	1351
10/14/2017													0	0	1,230	1230	179	1410
10/15/2017													0	0	1,178	1178	171	1349
10/16/2017	11.7	32.4	8.4	47.5	15.12	62	46.2	33.7	1.8	18.3	0.65	60.5	0	0	1,199	1199	172	1371
10/17/2017	12.8	33.4	6.8	47	11.9	101	46.7	34	1.8	17.5	0.67	62.5	0	0	1,207	1207	167	1374
10/18/2017	12.1	31.9	7.8	48.2	14.15	67	47.4	34.9	1.8	15.9	0.57	64.2	0	307	887	1193	164	1358
10/19/2017	12	32.6	7.9	47.5	14.39	74	47.3	34.6	1.8	16.3	0.57	68.9	29	0	1,188	1217	162	1379
10/20/2017	12.2	37	7.1	43.7	14.66	77	46.9	36.5	1.2	15.4	0.63	74.9	0	0	1,220	1220	178	1398
10/21/2017													0	0	1,209	1209	177	1385
10/22/2017													0	0	1,174	1174	173	1347
10/23/2017	12.9	33.1	7.6	46.4	12.14	69	48.2	35	1.8	15	0.75	65.4	25	54	1,086	1166	174	1340
10/24/2017	12	32.6	7.8	47.6	13.42	74	46.4	35.2	1.8	16.6	0.73	66.8	0	0	1,182	1182	165	1348
10/25/2017	12.9	34.6	8.3	44.2	13.66	59	47.5	35.4	1.7	15.4	0.77	58	0	0	1,216	1216	168	1383
10/26/2017	12.3	33.3	7.9	46.5	13.54	65	47.8	35.8	1.7	14.7	0.61	63.2	0	0	1,173	1173	168	1340
10/27/2017	12.2	31.4	8	48.4	13.36	64	45.7	34.6	2.1	17.6	0.57	58.6	0	0	1,144	1144	154	1298
10/28/2017													0	0	1,057	1057	140	1198
10/29/2017													0	0	959	959	130	1089
10/30/2017	15.1	37	6.5	41.4	11.17	63	46.8	33.5	2.4	17.3	0.97	58.2	0	0	1,082	1082	118	1201
10/31/2017	12	33.9	8.2	45.9	13.05	63	44	32.7	2.5	20.8	0.43	48.3	0	0	1,252	1252	140	1391
11/1/2017	11.7	32.4	7.7	48.2	14.09	64	48.8	34	1.8	15.4	0.7	60.3	0	0	1,182	1182	167	1349
11/2/2017	11.2	35.7	7.2	45.9	13.11	104	49.3	34	1.7	15	0.76	67.3	0	0	1,156	1156	194	1350
11/3/2017	11	33	7.7	48.3	14.51	90	46.1	34.8	1.7	17.4	0.6	61.2	0	0	1,158	1158	191	1349
11/4/2017													0	0	1,169	1169	191	1361
11/5/2017													0	0	1,157	1157	189	1346
11/6/2017	10.5	31.1	8.5	49.9	13.96	61	45.4	35.1	1.8	17.7	0.72	58.2	0	0	1,128	1128	178	1306
11/7/2017													0	0	1,139	1139	129	1268
11/8/2017	11.9	33.4	8	46.7	12.31	56	46.3	34.4	1.6	17.7	0.75	54.7	0	0	1,174	1174	191	1366
11/9/2017	11.1	36.2	8	44.7	11.84	53	47	35.3	1.7	16	0.66	53.6	0	0	1,154	1154	194	1348
11/10/2017	10.6	29.7	8.7	51	12.39	72	44.9	32.2	2.3	20.6	0.91	46.6	0	0	1,189	1189	191	1380
11/11/2017													0	0	1,148	1148	193	1341
11/12/2017													0	0	1,123	1123	191	1314
11/13/2017	10.8	30	8.8	50.4	12.14	60	46.9	33.1	1.7	18.3	0.92	58.7	0	0	1,131	1131	194	1325
11/14/2017	11.5	31.6	8.5	48.4	12.2	59	48	33.9	1.7	16.4	0.62	58.3	0	0	1,142	1142	191	1333
11/15/2017	12.5	33.2	7.7	46.6	12.69	66	51.3	36	1	11.7	0.67	63.2	0	0	1,083	1083	187	1271
11/16/2017	11.8	33.1	7.7	47.4	12.02	51	46.7	33.8	1.4	18.1	0.65	50.7	0	367	645	1012	190	1202
11/17/2017	12.6	35.4	7.4	44.6	13.6	53	50.2	36.2	1	12.6	0.89	53.4	399	662	0	1061	197	1257
11/18/2017													836	201	0	1038	205	1243
11/19/2017													0	1,033	0	1033	201	1235
11/20/2017	11.3	34.2	7.8	46.7	14.45	53	48.5	34.3	1.2	16	1.02	53.9	219	846	0	1065	210	1275
11/21/2017	11.7	33.4	7.9	47	15.06	61	48.6	35.7	1.1	14.6	0.83	59.2	0	1,074	0	1074	201	1275

Date	South Quarry						North Quarry						Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	SQ Flare Station Total Utility Flare Flow	NQ 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
11/22/2017	11.9	35	7.7	45.4	13.11	57	44.4	31.7	1.9	22	1.04	46.8	0	1,171	0	1171	202	1373
11/23/2017													0	1,178	0	1178	205	1382
11/24/2017	12.6	34.4	7.7	45.3	14.21	70	51.2	38	0.3	10.5	0.91	73.9	0	1,174	0	1174	206	1380
11/25/2017													0	1,163	0	1163	200	1363
11/26/2017													0	1,184	0	1185	201	1386
11/27/2017	10.8	30.9	8.3	50	13.66	84	48.3	35.6	0.7	15.4	0.98	60.6	0	1,170	0	1170	203	1374
11/28/2017	10.7	32.5	8.5	48.3	15.85	70	48.2	35.8	0.8	15.2	1.05	64.7	0	1,132	0	1132	203	1335
11/29/2017	10.4	32	8.8	48.8	15.85	69	46.4	33.8	1.4	18.4	0.98	64.5	0	1,073	0	1073	205	1278
11/30/2017	11.7	35	7.2	46.1	13.54	66	44.8	32.3	2.2	20.7	0.95	62	0	983	0	983	207	1190
12/1/2017	11.7	36.2	7.3	44.8	13.9	53	45.7	33.5	1.5	19.3	1.02	54.3	0	1,023	0	1023	207	1230
12/2/2017													0	1,019	0	1019	207	1226
12/3/2017													0	1,018	0	1018	207	1226
12/4/2017	13.4	37.8	6.3	42.5	14.15	75	49.2	36.7	0.8	13.3	1.14	70.5	0	997	0	997	209	1206
12/5/2017	11.9	35.9	7.5	44.7	16.88	54.1	44.1	31.8	2.5	21.6	-14.69	50.2	0	968	0	968	204	1172
12/6/2017	11.4	34.9	7.5	46.2	15.85	50	44.7	32.8	1.8	20.7	0.93	50.5	0	996	0	996	204	1200
12/7/2017	11.5	32.2	8.2	48.1	17.79	46	43.4	33.1	2.4	21.1	1.06	43.9	0	1,004	0	1004	200	1204
12/8/2017	11.6	35.2	7.7	45.5	14.15	39	45.7	33.7	1.9	18.7	0.82	40.1	0	1,028	0	1028	202	1230
12/9/2017													0	993	0	993	202	1195
12/10/2017													0	992	0	992	206	1198
12/11/2017	12.9	36.8	6.6	43.7	14.45	53	48.8	34.4	1.3	15.5	0.86	53.5	0	993	0	993	230	1223
12/12/2017	12.3	36.4	7.7	43.6	12.8	48	43.3	35.7	1.5	19.5	1.14	52.6	0	995	0	995	243	1239
12/13/2017	12.7	36.9	6.8	43.6	14.09	53	48.5	33.5	1.3	16.7	1.23	49.2	0	998	0	998	245	1243
12/14/2017	10.9	35.4	8.4	45.3	14.88	49	41.8	32.8	2	23.4	1.29	48	0	975	0	975	240	1215
12/15/2017	11.5	36.6	7.7	44.2	15.69	47	44.9	34.6	1.5	19	1.13	49.7	0	1,002	0	1003	241	1244
12/16/2017													0	1,011	0	1012	239	1250
12/17/2017													0	993	0	993	239	1233
12/18/2017	11.6	36.5	7.4	44.5	15.56	63	44.9	34.9	1.3	18.9	1.05	61.1	0	1,065	0	1065	239	1304
12/19/2017	11.3	37.9	7.3	43.5	19.79	56	44.1	35.7	1.3	18.9	1.32	57.6	0	1,129	0	1129	239	1368
12/20/2017	11.1	33.6	7.9	47.4	15.66	55	44.4	32.7	1.3	21.6	1.21	56.3	0	1,149	0	1150	240	1390
12/21/2017	11.8	34.8	7.4	46	17.61	57	45.6	35.2	1.1	18.1	1.26	59.3	0	1,145	0	1145	246	1391
12/22/2017	11	33.9	8	47.1	13.72	60	43.3	32.9	1.5	22.3	1.39	57.8	0	1,137	0	1137	244	1380
12/23/2017													0	1,114	0	1114	243	1357
12/24/2017													0	1,114	0	1114	241	1355
12/25/2017													0	1,094	0	1095	243	1338
12/26/2017	10.1	33.2	9.2	47.5	15.05	16.8	41.1	31.1	2.4	25.4	1.21	36.6	0	1,078	0	1079	234	1313
12/27/2017	11	36.7	8.2	44.1	15.56	33	40.9	32.2	2.5	24.4	1.23	33	0	1,108	0	1109	228	1337
12/28/2017	10.7	34.2	8.9	46.2	14.33	28	42.8	31.6	2.4	23.2	1.03	35.2	0	1,061	0	1061	215	1277
12/29/2017	11.7	36.4	7.9	44	13.28	35	44	33.6	1.7	20.7	1.18	41	0	1,092	0	1093	212	1304
12/30/2017													0	1,089	0	1090	198	1288
12/31/2017													0	1,069	0	1070	189	1259
1/1/2018													0	1,068	0	1068	191	1259
1/2/2018	10.8	35.3	8.7	45.2	12.09	17	41.8	32.4	2.7	23.1	0.71	24.7	0	1,055	0	1056	188	1244
1/3/2018	12.9	35.3	7.4	44.4	14.15	40	42.8	30.7	2.6	23.9	0.91	40.6	0	1,015	0	1016	211	1226
1/4/2018	12.1	37.2	8	42.7	14.21	29	39.2	29.7	3.7	27.4	1.07	25.1	0	1,025	1	1026	215	1241
1/5/2018	9.5	29.8	9.8	50.9	16.87	46	40.3	30.6	3.2	25.9	1	37.2	0	1,123	0	1124	209	1333
1/6/2018	13.1	35.7	7.9	43.3	14.39	31							0	1,063	1	1063	215	1278
1/7/2018													0	1,023	0	1023	241	1264
1/8/2018	12.2	38.4	7.4	42	16.49	51	36.4	30.5	5.1	28	1.61	49.8	0	1,054	0	1054	271	1325
1/9/2018	11.7	38.5	7.7	42.1	18.77	48	35.9	27.7	5.1	31.3	1.45	47.8	0	1,090	0	1091	262	1352

Date	South Quarry						North Quarry						Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	SQ Flare Station Total Utility Flare Flow	NQ 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
1/10/2018	12.6	38.3	7.1	42	14.42	57	41.1	31.3	3.6	24	1.46	55.4	0	1,105	0	1106	260	1365
1/11/2018	12	39.7	6.9	41.4	14.04	71	40.4	32.1	3.3	24.2	1.31	65.7	0	1,116	0	1117	242	1359
1/12/2018	11	32.3	9	47.7	15.19	30	37.3	27.8	4.8	30.1	1.25	33.7	0	1,039	1	1040	258	1298
1/13/2018													0	1,051	1	1052	266	1318
1/14/2018													0	1,060	1	1061	268	1329
1/15/2018	11.6	34.7	8.2	45.5	15.52	41	36	31.2	5	27.8	1.15	41.8	0	1,068	1	1069	263	1332
1/16/2018	11	35.7	8.3	45	12.73	27	31.6	25.7	6.3	36.4	1.84	34.5	0	1,074	1	1075	288	1362
1/17/2018	11.9	34.3	8.4	45.4	16.53	31	32.9	25.4	6	35.7	1.37	31.6	0	1,092	0	1092	279	1372
1/18/2018	10.5	32	9.7	47.8	15.86	35.6	33.8	25.2	6.2	34.8	1.63	41.2	0	1,121	0	1121	263	1385
1/19/2018	11.6	34.2	8	46.2	13.66	75	35.8	27.8	5.4	31	1.63	45.9	0	1,156	0	1156	299	1456
1/20/2018													0	1,130	0	1130	297	1427
1/21/2018													0	1,122	0	1122	294	1416
1/22/2018	12.1	37.1	7.6	43.2	13.72	68	39.5	32.4	3.4	24.7	1.8	63.7	0	1,139	0	1139	286	1425
1/23/2018	10.3	32.2	9	48.5	13.78	51	34.3	27.4	5.3	33	1.66	50.5	0	1,125	0	1126	277	1403
1/24/2018	10.6	33.5	8.1	47.8	15.68	70	37.4	30.3	3.4	28.9	1.49	61.2	0	1,124	0	1125	279	1404
1/25/2018	11	33.7	8.3	47	16.17	49	37.7	30.4	3.3	28.6	1.5	50.6	0	1,124	0	1124	279	1403
1/26/2018	11.7	33.2	8.7	46.4	16.6	59	39.6	32	2.8	25.6	1.42	56	0	1,124	0	1124	274	1398
1/27/2018													0	1,082	0	1083	272	1355
1/28/2018													0	1,096	0	1096	274	1370
1/29/2018	11	32.7	8.2	48.1	14.39	53	37	26.9	4	32.1	1.46	45.7	0	1,112	0	1112	271	1383
1/30/2018	10.9	32.2	8.6	48.3	14.15	36	36.5	29.6	3.3	30.6	1.55	43.4	0	1,122	0	1122	276	1398
1/31/2018	12	35	7.5	45.5	14.21	53	41.8	30.6	2.5	25.1	1.33	53.6	0	1,137	0	1138	267	1405
2/1/2018	10.7	32.5	8.3	48.5	14.57	55	36	27.4	3.5	33.1	1.53	54.1	0	1,139	0	1139	245	1384
2/2/2018	11	32.4	9	47.6	12.55	31	33.9	24.5	5.4	36.2	1.99	34.2	0	1,124	0	1125	237	1361
2/3/2018													0	1,125	0	1126	242	1368
2/4/2018													0	1,082	0	1083	232	1315
2/5/2018	11.3	33.1	8.3	47.3	11.21	27	36	27.4	4.4	32.2	1.41	34.8	0	1,074	0	1074	232	1306
2/6/2018	11	32.3	8.5	48.2	16.6	35	35.5	27.9	4.7	31.9	1.17	38	0	1,074	0	1074	224	1298
2/7/2018	11.1	33.1	8.8	47	12.8	32	35.8	27.2	5.1	31.9	1.51	35.3	0	1,073	0	1074	228	1302
2/8/2018	11.1	32.8	8.4	47.7	12.68	38	37.6	28.5	4.4	29.5	1.33	41.2	0	1,072	0	1072	262	1334
2/9/2018	12	35.6	7.4	45	12.68	54	38.7	29.9	3.9	27.5	1.34	54.1	0	1,072	0	1072	256	1328
2/10/2018													0	1,048	0	1048	255	1303
2/11/2018													0	1,016	0	1017	253	1270
2/12/2018	10.7	32.9	8.9	47.5	15.74	32	33.8	26.9	5.4	33.9	1.4	38.9	0	1,035	0	1035	261	1296
2/13/2018	11.2	33.9	8.2	46.7	14.64	39	37	27.6	4.6	30.8	1.34	43.5	0	1,062	0	1062	264	1326
2/14/2018	12.6	36.6	7	43.8	15.8	57	41.4	32.6	2.8	23.2	1.2	56.3	0	1,080	0	1080	262	1342
2/15/2018	12.9	39.6	6.3	41.2	14.51	73	44.5	34.4	1.9	19.2	1.16	68.8	104	855	0	959	273	1232
2/16/2018	11.1	35	8	45.9	15.06	53	36	31.3	4.1	28.6	1.53	51.4	404	676	0	1080	279	1359
2/17/2018													0	1,075	0	1075	291	1366
2/18/2018													0	1,070	0	1070	293	1363
2/19/2018	12.4	38.9	6.5	42.2	14.64	69	38.1	29.5	4.6	27.8	1.28	61.8	0	1,078	0	1078	287	1365
2/20/2018	12	38.7	7.1	42.2	14.57	78	37.1	31.4	5	26.5	1.49	74.4	0	1,071	0	1071	287	1358
2/21/2018	10.6	32.7	8.4	48.3	16.09	44	32.6	24.3	6.4	36.7	1.75	45.4	0	1,031	0	1031	288	1320
2/22/2018	11.5	35.8	7.1	45.6	16.03	48.5	35.1	26.9	5.4	32.6	1.38	50.2	0	1,041	0	1041	295	1336
2/23/2018	11.7	36.9	6.8	44.6	15.85	61	36	27	5.3	31.7	1.63	58.5	0	1,045	0	1046	287	1333
2/24/2018													0	1,040	0	1040	288	1329
2/25/2018													0	1,031	0	1031	284	1315
2/26/2018	11.4	35.8	7.1	45.7	16.51	52	34.1	26.9	5.4	33.6	1.58	53.8	0	1,052	0	1052	286	1338
2/27/2018	11.5	37	7	44.5	15.79	59	35.7	27.8	4.9	31.6	1.44	57.1	0	1,088	0	1088	291	1379

Date	South Quarry						North Quarry						Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	SQ Flare Station Total Utility Flare Flow	NQ 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	37.1	6.7	44.2	14.81	67	38.3	28.4	4.7	28.6	1.61	63.5	0	1,054	0	1054	295	1349

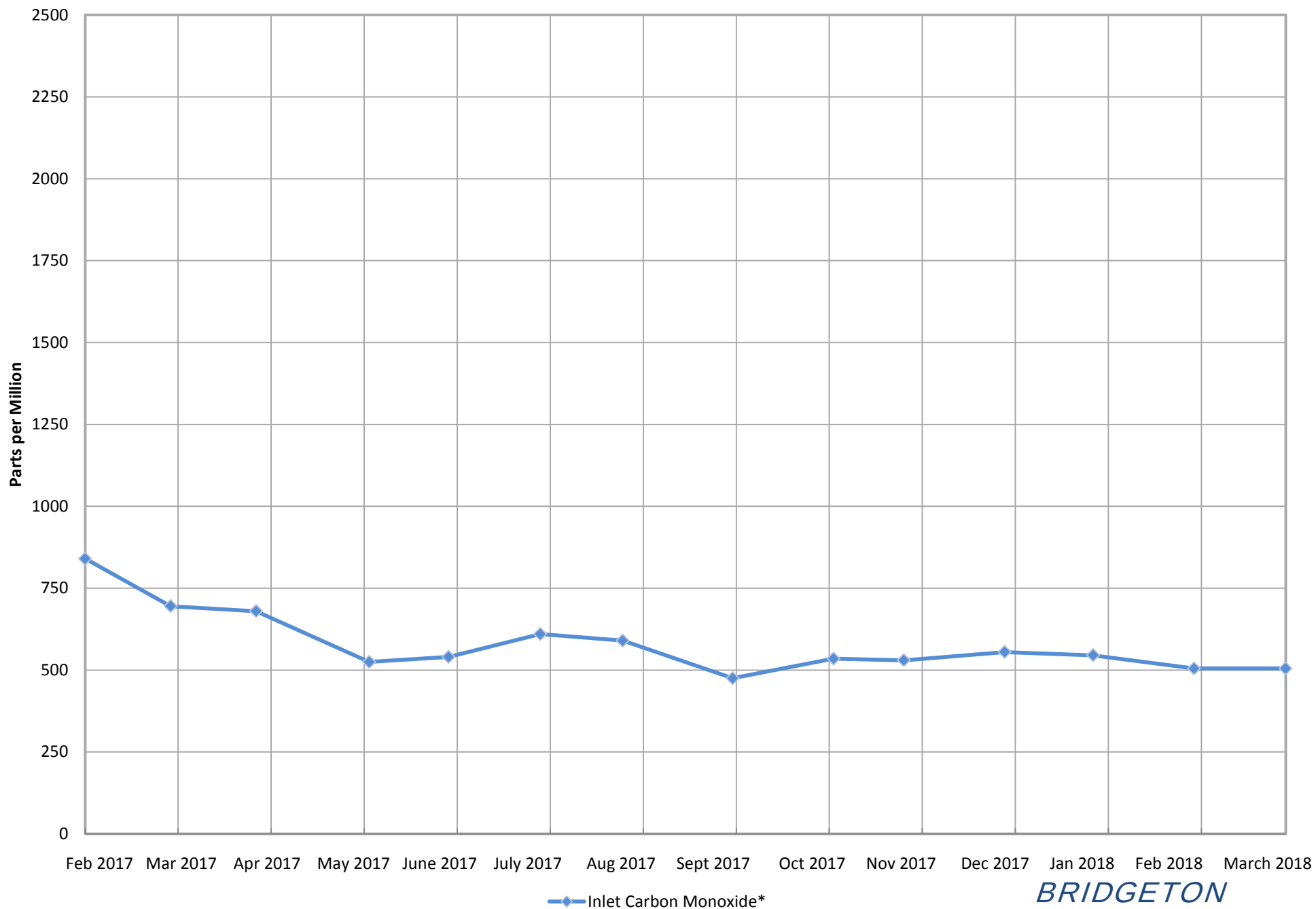
South Quarry Inlet Gas and Temperature*



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

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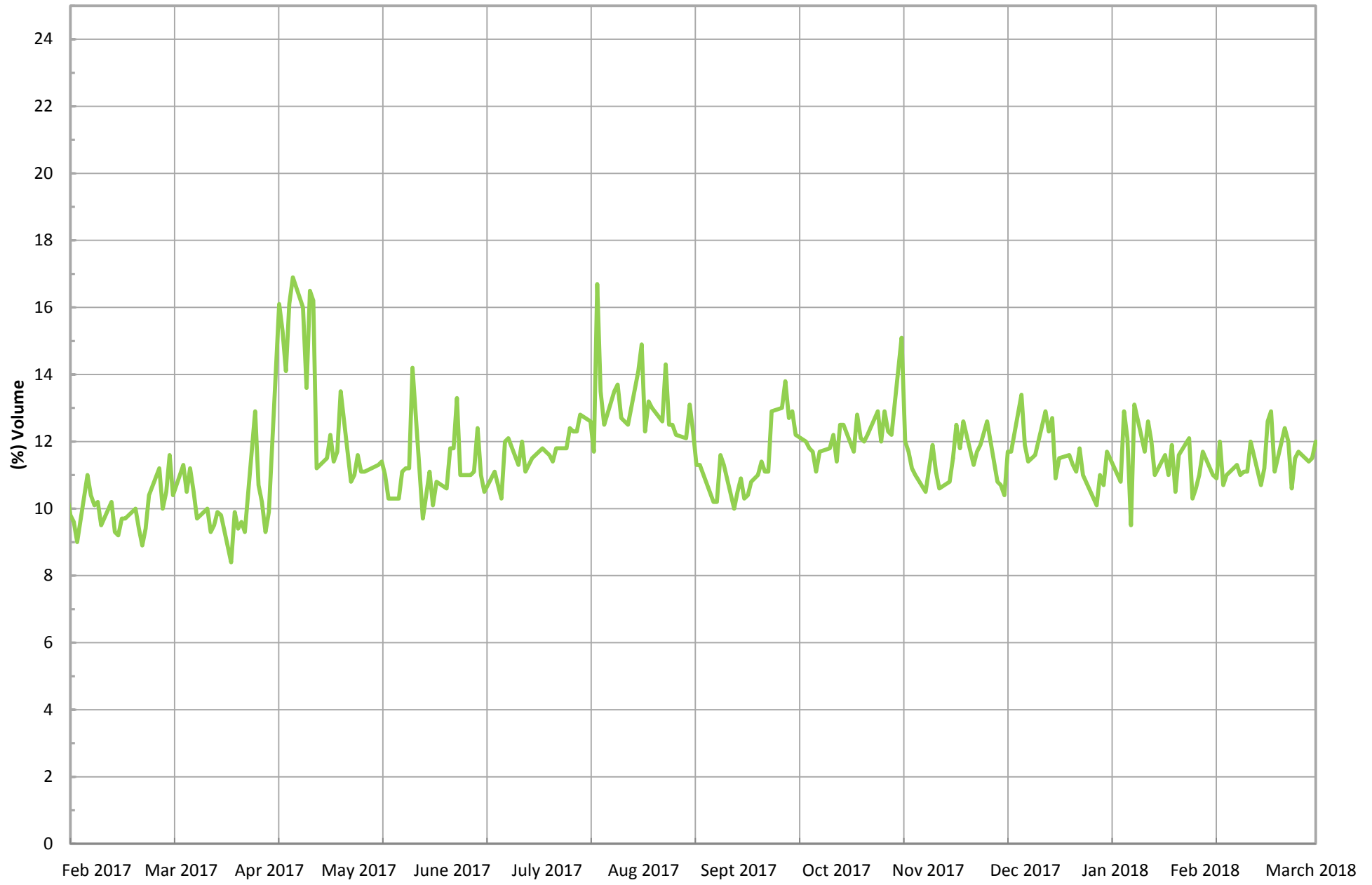
South Quarry Inlet Carbon Monoxide*



*Data collected from Laboratory Reports for the South Quarry.

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South Quarry Inlet Methane (Field Data)*

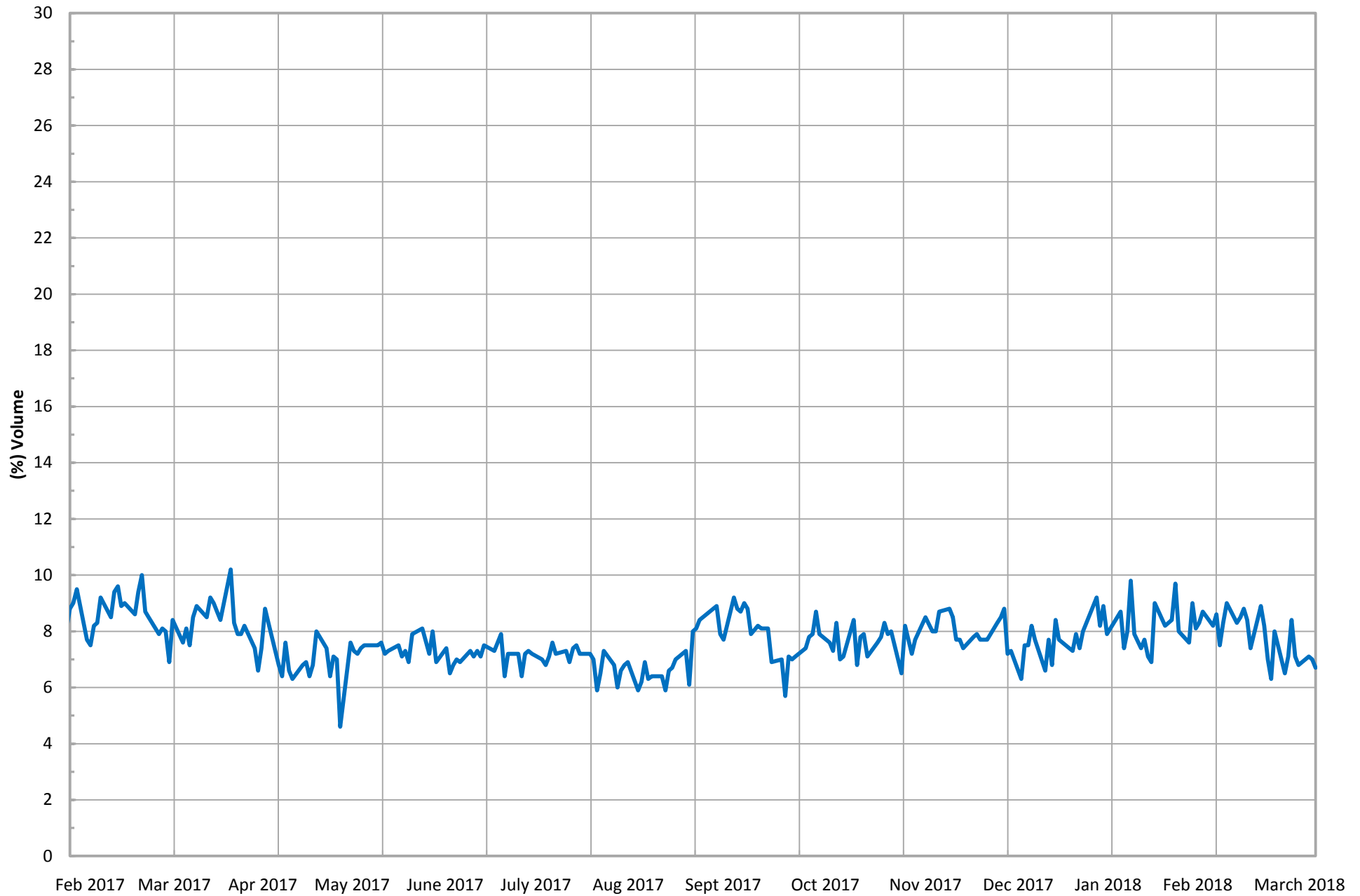


*Gas data collected from field monitoring data in the South Quarry.

— Combined Inlet Methane (Field Data)*

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South Quarry Inlet Oxygen (Field Data)*

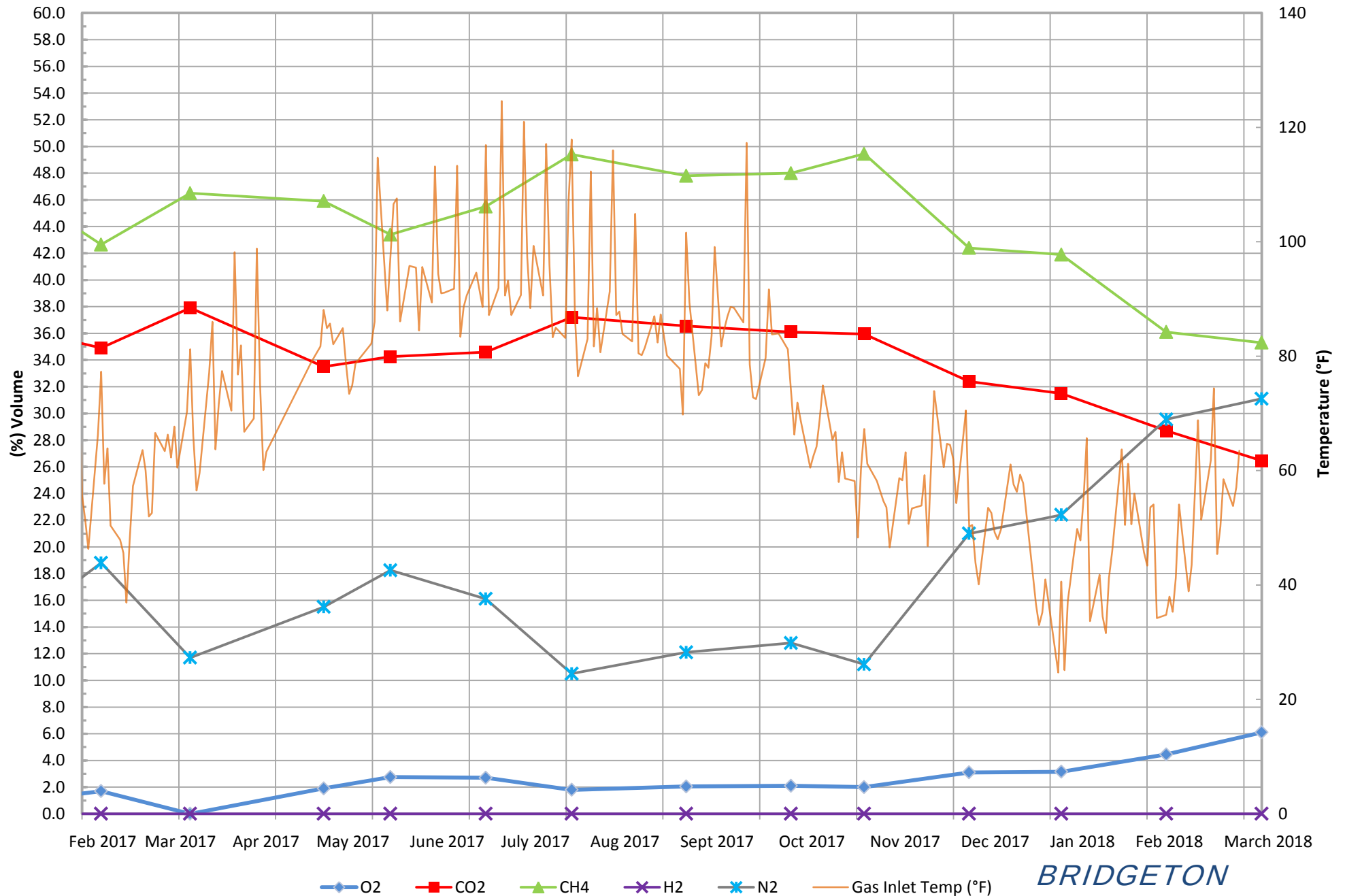


*Gas data collected from field monitoring data in the South Quarry.

— Combined Inlet Oxygen (Field Data)*

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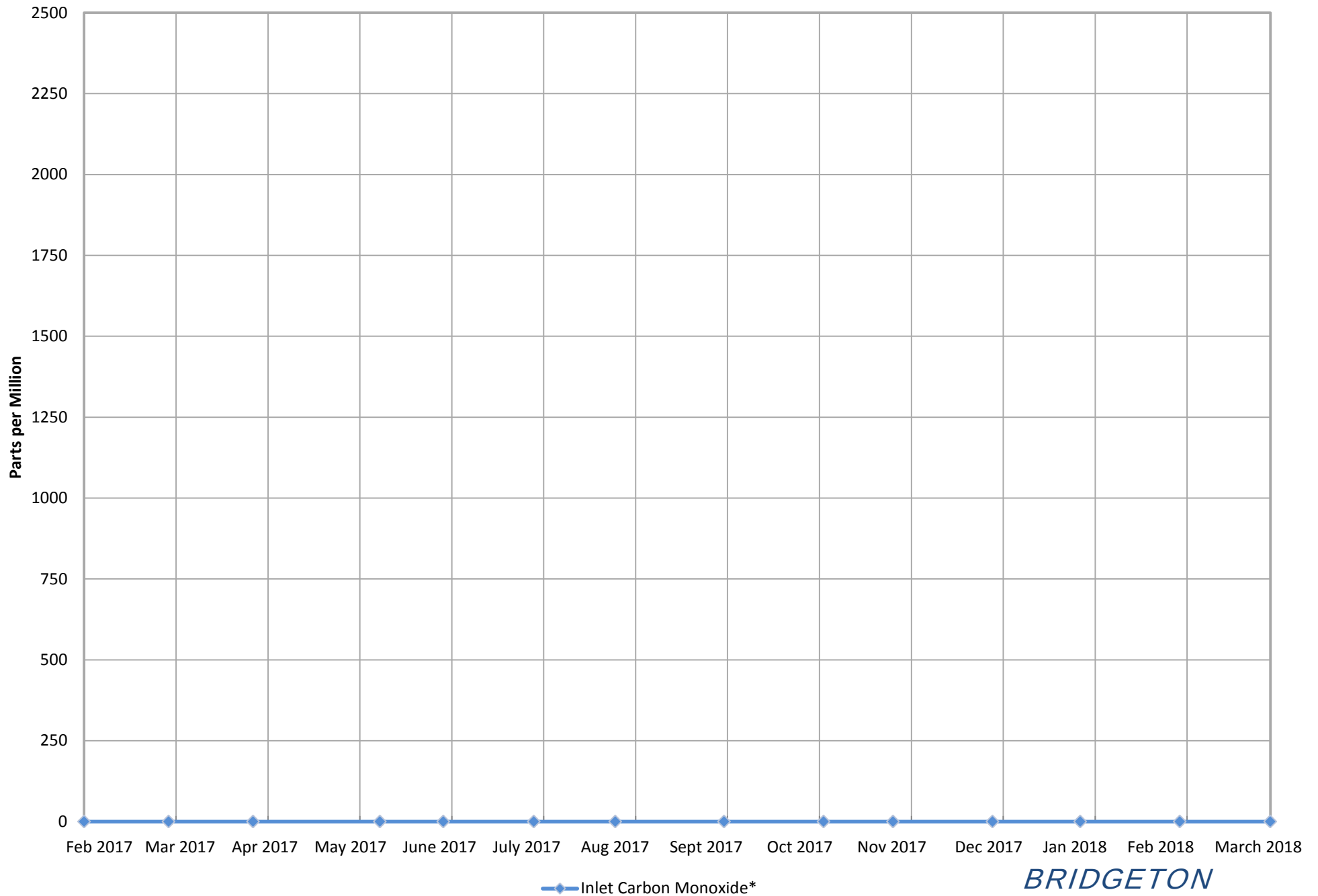
North Quarry Inlet Gas and Temperature*



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

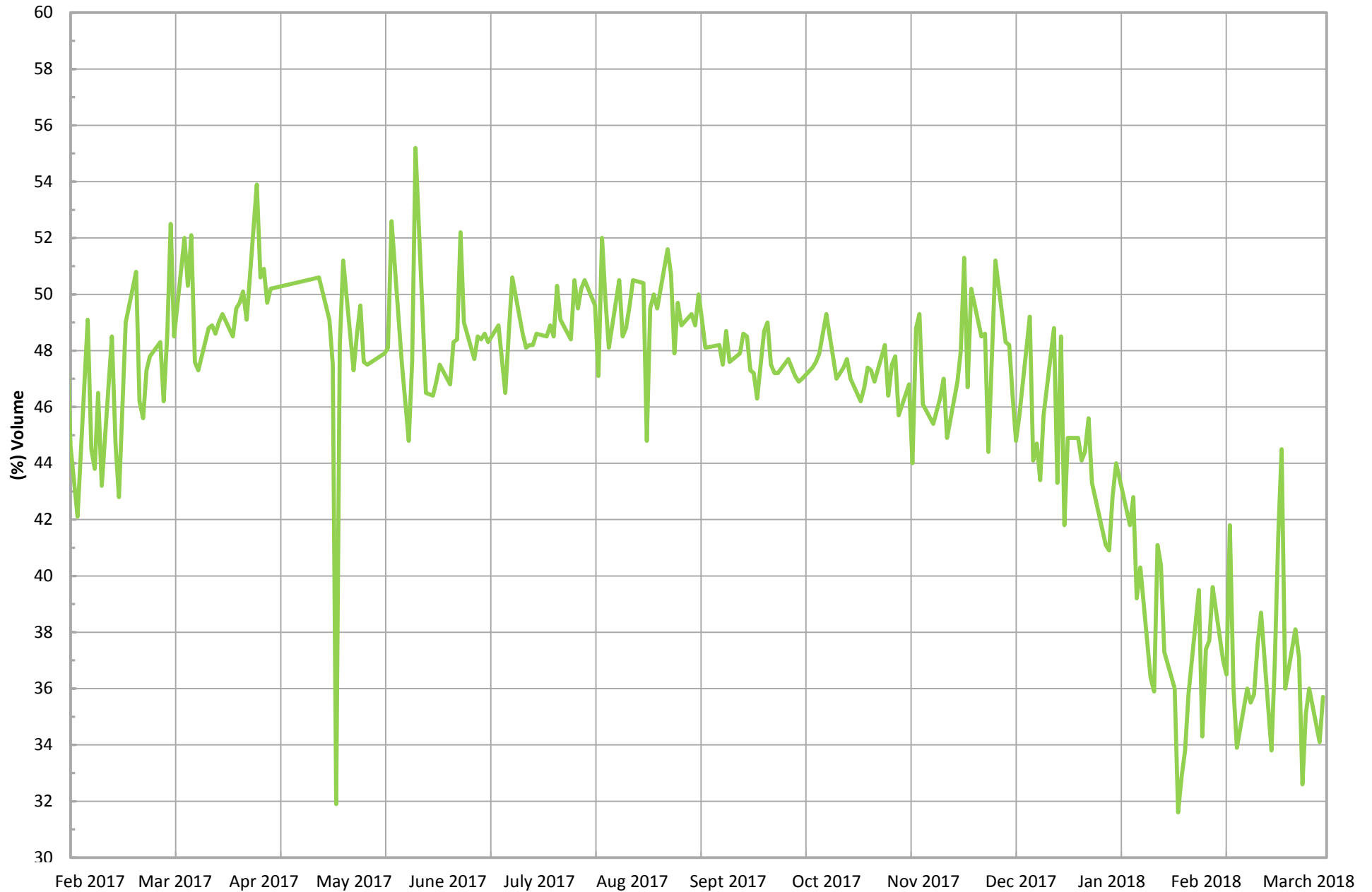
North Quarry Inlet Carbon Monoxide*



*Data collected from Laboratory Reports for the North Quarry.

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North Quarry Inlet Methane (Field Data)*

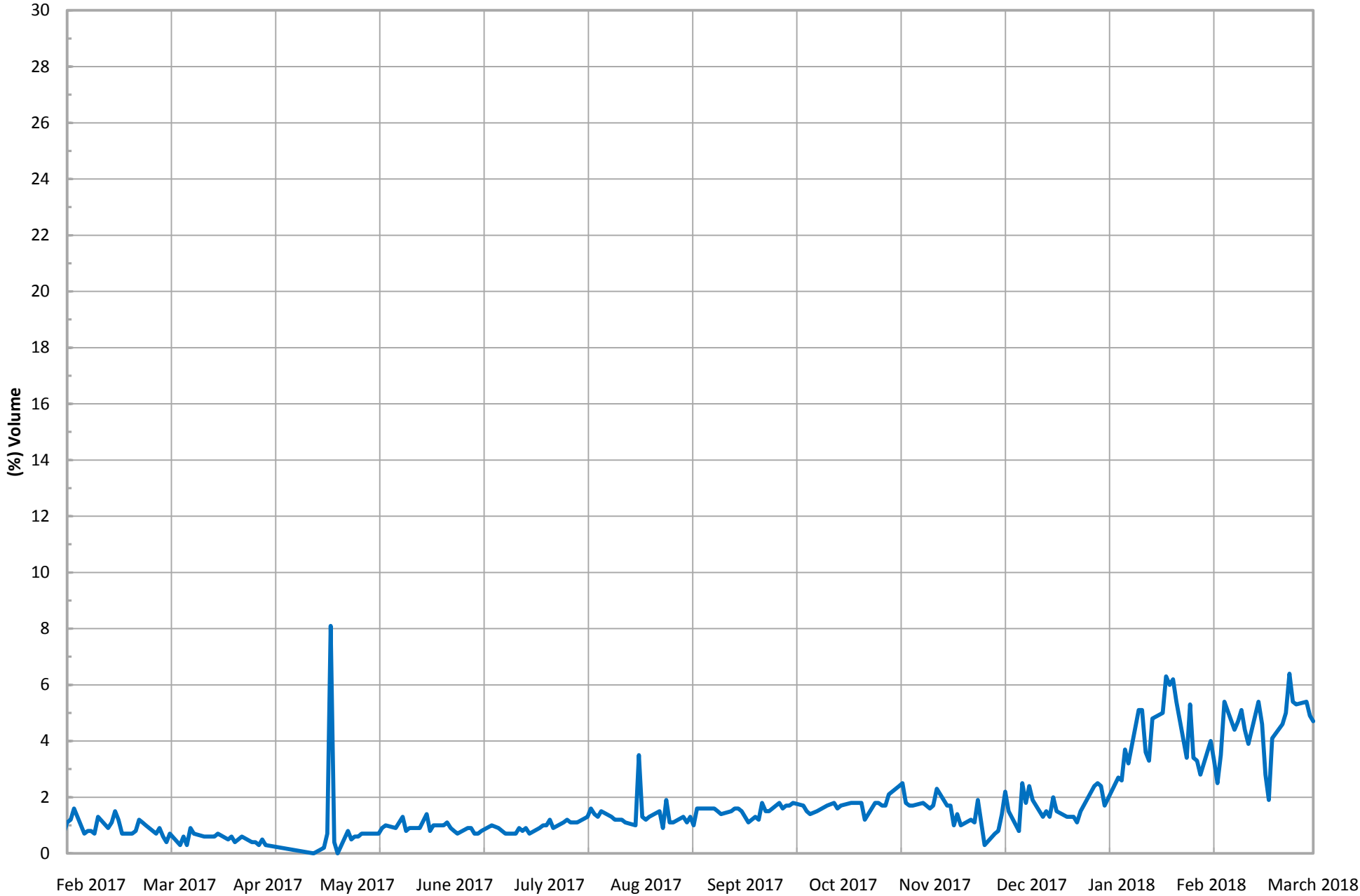


*Gas data collected from field monitoring data in the North Quarry.

— Combined Inlet Methane (Field Data)*

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North Quarry Inlet Oxygen (Field Data)*

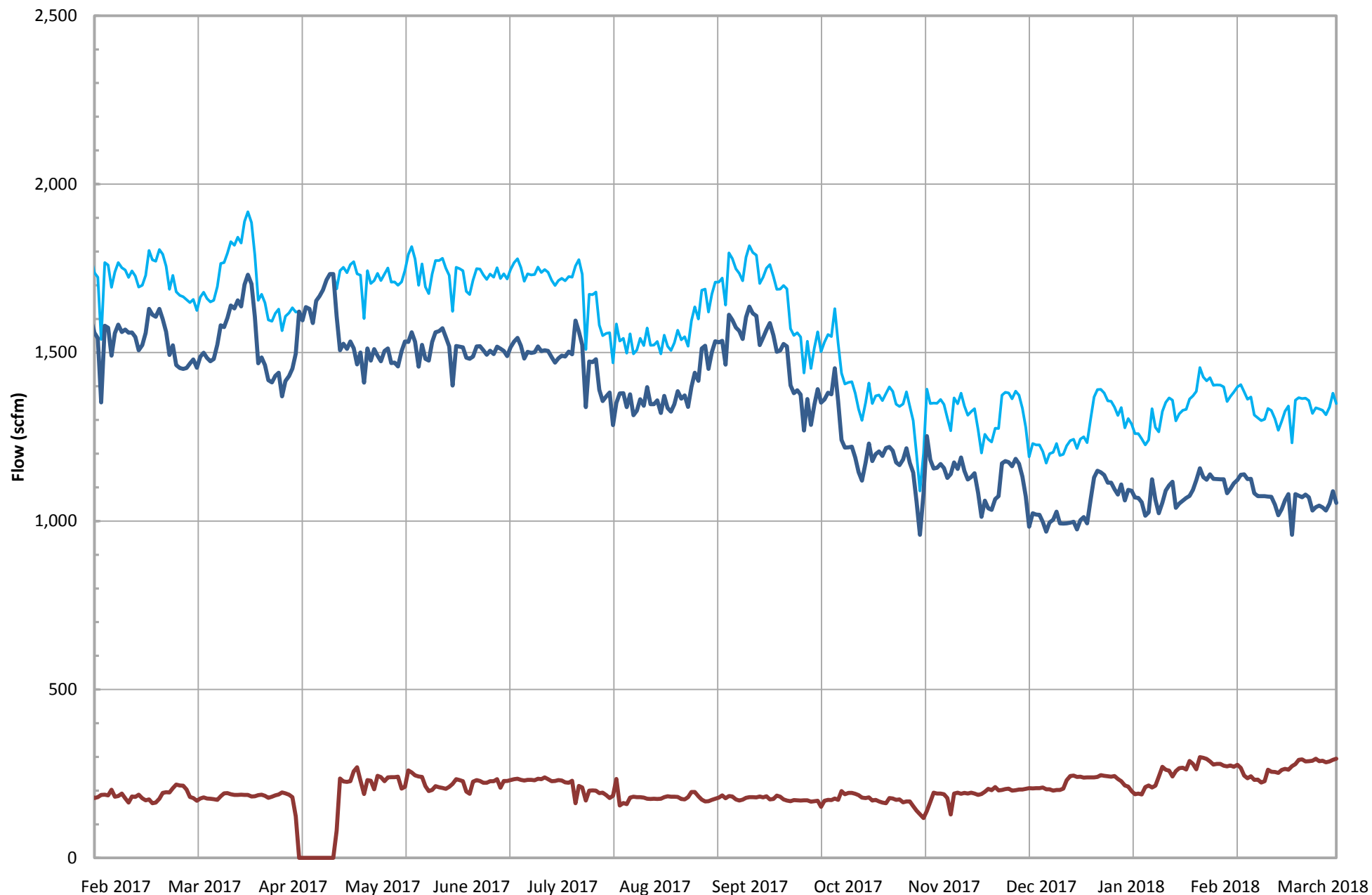


*Gas data collected from field monitoring data in the North Quarry.

— Combined Inlet Oxygen (Field Data)*

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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)*
— SQ Flare Station Total Utility Flare Flow
— NQ Utility Flare

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