

Daily Flare Monitoring Data - Bridgeton Landfill  
August 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***	
8/1/2018	0	977	0	303	1,280
8/2/2018	0	981	0	301	1,281
8/3/2018	0	1,003	0	307	1,310
8/4/2018	0	987	0	306	1,293
8/5/2018	0	1,000	0	306	1,307
8/6/2018	0	1,001	0	308	1,308
8/7/2018	0	950	0	302	1,252
8/8/2018	0	974	0	311	1,285
8/9/2018	0	1,017	7	309	1,333
8/10/2018	0	1,021	0	303	1,324
8/11/2018	0	1,016	0	304	1,320
8/12/2018	0	1,015	0	303	1,318
8/13/2018	0	1,028	0	304	1,331
8/14/2018	0	982	0	296	1,278
8/15/2018	0	977	0	291	1,268
8/16/2018	0	1,050	0	303	1,353
8/17/2018	0	1,044	0	297	1,341
8/18/2018	0	1,069	0	298	1,367
8/19/2018	0	1,055	0	296	1,351
8/20/2018	0	1,007	0	291	1,297
8/21/2018	0	980	0	286	1,266
8/22/2018	0	1,006	0	288	1,294
8/23/2018	0	1,009	0	290	1,299
8/24/2018	0	949	0	281	1,231
8/25/2018	0	983	0	297	1,280
8/26/2018	0	1,010	0	302	1,312
8/27/2018	0	1,025	0	301	1,325
8/28/2018	0	1,022	0	301	1,323
8/29/2018	0	980	0	283	1,263
8/30/2018	0	995	0	291	1,286
8/31/2018	0	1,008	0	296	1,304
<b>AVERAGE</b>	<b>0</b>	<b>1,004</b>	<b>0</b>	<b>298</b>	<b>1,303</b>

\* 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:
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
4/5/2018	11.8	34.5	7.4	34.6	10.6	485	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
5/1/2018	12.3	32.8	7.4	36.3	10.0	495	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
6/1/2018	12.7	37.1	6.2	32.2	10.4	505	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
7/2/2018	13.5	36.8	6.4	32.0	10.1	445	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
8/1/2018	13.3	36.3	6.4	32.6	10.1	465	Gas concentrations based on average of Blower Outlet A and Blower Outlet B
9/4/2018	12.2	33.6	7.2	36.2	9.4	450	Gas concentrations based on average of Blower Outlet A and Blower Outlet B

North Quarry

Date	CH4	CO2	O2	N2	H2	CO (ppm)	Comments:
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
4/5/2018	45.0	35.1	2.1	17.2	0.58	ND	Gas concentrations based on average of NQ EP14 A and EP14 B
5/1/2018	51.4	34.5	ND	12.0	0.54	ND	Gas concentrations based on average of NQ EP14 A and EP14 B
6/1/2018	47.8	35.8	2.5	13.3	0.60	ND	Gas concentrations based on average of NQ EP14 A and EP14 B
7/2/2018	47.8	35.4	3.2	13.0	0.61	ND	Gas concentrations based on average of NQ EP14 A and EP14 B
8/1/2018	49.2	35.9	2.6	11.7	0.60	ND	Gas concentrations based on average of NQ EP14 A and EP14 B
9/4/2018	48.1	35.2	3.0	13.0	0.59	24.0	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
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
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

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
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
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

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
11/9/2017	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
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

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
12/29/2017	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
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

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
2/17/2018													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
2/28/2018	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
3/1/2018	11.7	36	7.2	45.1	16.94	66	36.7	28.7	5.2	29.4	1.74	60.6	0	1,088	0	1088	290	1378
3/2/2018	10.8	34.8	7.5	46.9	16.51	51	32.3	26.9	5.4	35.4	1.81	57	0	1,168	0	1168	294	1462
3/3/2018													0	1,182	0	1182	294	1476
3/4/2018													0	1,175	0	1175	294	1470
3/5/2018	12.2	36.9	6.6	44.3	16.45	58	39.2	27.8	4.7	28.3	1.61	55.7	0	1,144	0	1144	290	1434
3/6/2018	12.4	38.3	6.1	43.2	16.94	53	37.4	29.7	4.1	28.8	1.7	56.5	60	1,021	0	1081	325	1406
3/7/2018	11.6	34.9	7.7	45.8	16.47	50	34.2	26.1	6	33.7	1.38	51	0	1,009	0	1009	354	1363
3/8/2018	11.9	35.3	7.5	45.3	13.1	45	35	25.8	5.7	33.5	1.66	47.3	0	1,031	0	1031	352	1383
3/9/2018	12.3	37.3	6.8	43.6	14.21	47	37.6	28.3	4.3	29.8	1.65	51.4	0	1,048	0	1048	354	1403
3/10/2018													0	1,034	0	1034	349	1384
3/11/2018													0	1,015	0	1015	349	1364
3/12/2018	11.7	35.7	7.4	45.2	15.68	47.5	35.8	27.2	5.1	31.9	1.49	50.7	0	1,006	0	1006	352	1358
3/13/2018	11.4	35.3	7.8	45.5	16.53	47	35.6	26.5	5.2	32.7	1.55	48.8	0	1,042	0	1042	350	1391
3/14/2018	11.2	36	7.8	45	12.74	43	35.1	26.4	5.4	33.1	1.47	46.1	23	909	0	932	357	1289
3/15/2018	12.1	37.9	7	43	16.47	62	38.5	29.7	4.3	27.5	1.33	57.8	0	1,093	0	1093	363	1455
3/16/2018	11.3	35.1	7.6	46	12.19	59	36.7	28	4.7	30.6	1.59	55.7	0	1,071	0	1071	354	1425
3/17/2018													0	1,016	0	1016	354	1369
3/18/2018													0	1,004	0	1004	357	1361
3/19/2018	13	38.4	6.4	42.2	16.6	58	40.7	30.1	3.9	25.3	1.65	57.1	0	1,003	0	1003	357	1360
3/20/2018	11.8	36.2	7.3	44.7	18	52	38.1	27.8	4.8	29.3	1.61	50.5	0	997	0	998	351	1349
3/21/2018	11.3	36.1	7.3	45.3	17.7	51	36.4	27.3	4.7	31.6	1.51	51.2	0	1,007	0	1007	348	1355
3/22/2018	11.3	36.1	7.3	45.3	14.21	50	34.7	27.7	4.9	32.7	1.78	51.7	0	1,046	0	1046	349	1394
3/23/2018	11.5	36.3	7.2	45	16.23	60	39.5	29.8	3.3	27.4	1.6	58.1	0	1,048	0	1048	341	1390
3/24/2018													0	1,023	0	1023	337	1359
3/25/2018													0	1,013	0	1013	335	1348
3/26/2018	11.7	37	7	44.3	15.19	56	40	30.8	3.2	26	1.24	54.5	0	1,032	0	1032	335	1367
3/27/2018	11.8	37.7	7.2	43.3	12.74	70	41.9	33.7	2.7	21.7	1.11	67.3	0	1,039	0	1039	327	1366
3/28/2018	12	36.5	7.1	44.4	14.7	60	41.4	32.3	2.8	23.5	1.33	59.4	0	1,037	0	1037	326	1363
3/29/2018	11.4	36.4	7.7	44.5	14.64	60	43.1	32.4	2.5	22	1.42	55.6	0	1,073	0	1073	318	1391
3/30/2018	10.7	34.4	8.4	46.5	14.64	57	39.2	31.5	3.2	26.1	1.25	56.3	0	1,087	0	1087	316	1403
3/31/2018													0	1,090	0	1090	316	1407
4/1/2018													0	1,068	0	1069	312	1381
4/2/2018	11.1	33.9	8.2	46.8	15.74	43	41.7	31.3	2.9	24.1	1.19	45.6	0	1,053	0	1054	323	1376
4/3/2018	12.3	37.2	6.8	43.7	15.62	61	46.3	34.4	1.2	18.1	1.43	60.7	0	1,069	0	1069	311	1381
4/4/2018	10.1	32.4	8.8	48.7	17.21	47	37.5	28.6	3.7	30.2	1.36	46.9	0	1,068	0	1068	299	1367
4/5/2018	10.2	35.9	8.3	45.6	15.56	50	37.8	30.9	3	28.3	1.44	52.7	0	1,090	0	1090	285	1375
4/6/2018	10.5	36.9	8	44.6	15.6	62	41.2	32.5	2.6	23.7	1.12	59.3	0	1,082	0	1083	300	1383
4/7/2018													0	1,077	0	1078	300	1378

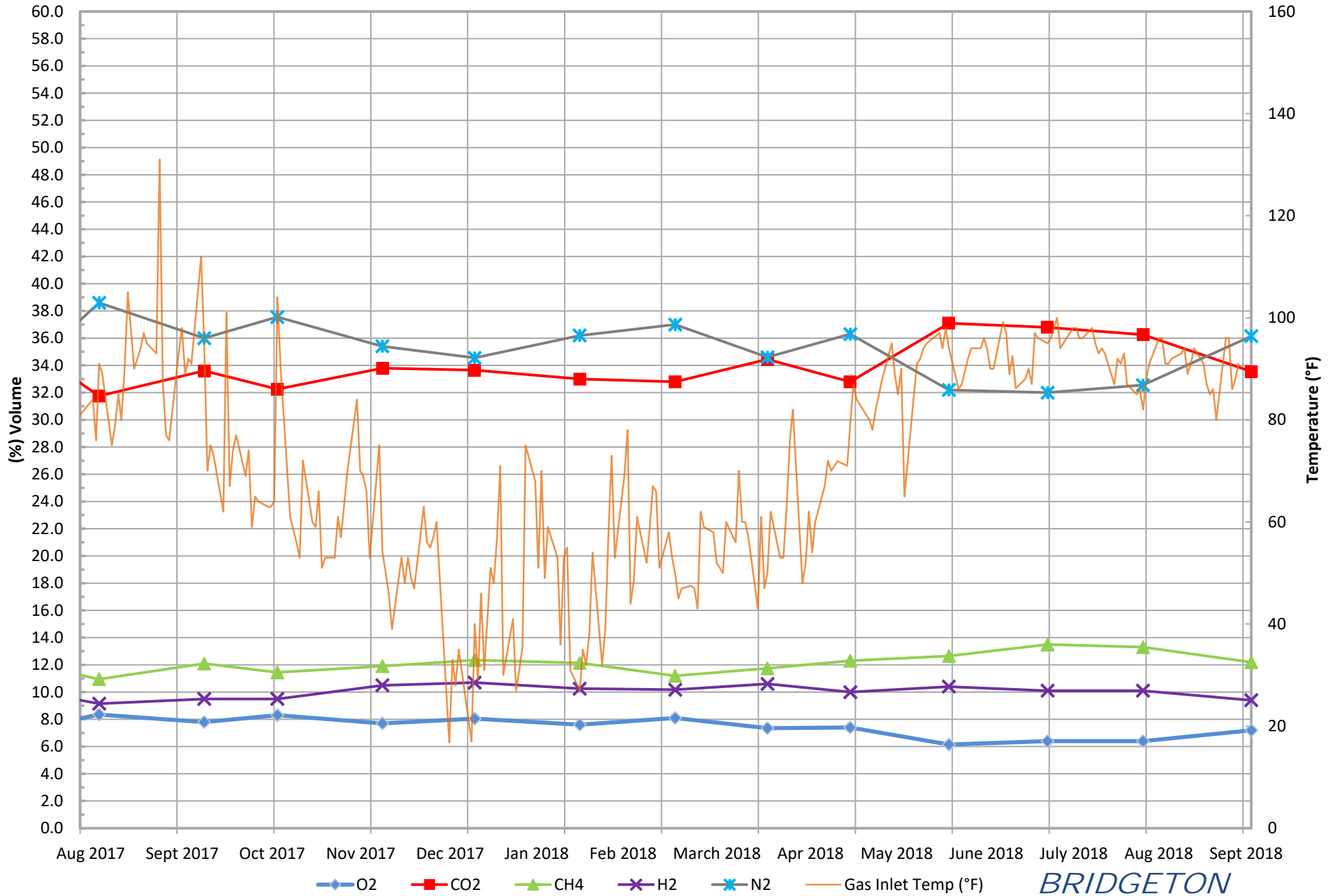
Date	South Quarry						North Quarry						Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	SQ Flare Station Total Utility Flare Flow	NQ Utility Flare Flow (scfm)	Total Flow
	CH4	CO2	O2	Bal.	Press./Vac.	Gas Inlet Temp (°F)	CH4	CO2	O2	Bal.	Press./V ac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
4/8/2018													0	1,072	0	1072	303	1375
4/9/2018	10.6	36.1	8.4	44.9	15.22	53	39.2	31.8	3.3	25.7	1.33	54.1	0	1,048	0	1049	300	1349
4/10/2018	10.2	35.5	8.6	45.7	13.95	53	39.2	31.7	3.5	25.6	1.06	54.5	0	1,062	0	1062	301	1362
4/11/2018	11	37.1	7.8	44.1	13.87	63	43.5	33.5	2	21	1.26	63.4	0	1,102	0	1102	275	1377
4/12/2018	11.9	37.8	7	43.3	14.55	76	47.9	36.5	0.8	14.8	0.79	71.9	0	1,117	0	1117	291	1408
4/13/2018	11.7	38.7	6.8	42.8	14.88	82	45.6	35.9	1.7	16.8	1.35	75.6	0	1,073	0	1073	302	1375
4/14/2018													0	1,018	0	1018	279	1297
4/15/2018													0	990	0	990	267	1258
4/16/2018	11	34.2	8.1	46.7	15.52	48	38.4	32.9	4	24.7	1.15	47.1	0	992	0	992	270	1262
4/17/2018	11.3	35.2	7.6	45.9	15.22	52	40.4	33.9	2.4	23.3	1.31	54.7	0	1,079	0	1080	250	1330
4/18/2018	12.2	39.8	6.7	41.3	15.35	62	45.3	34.8	2	17.9	0.97	60.3	0	1,015	0	1015	284	1299
4/19/2018	10.3	34.8	8.4	46.5	14.88	54	39.1	31.4	3.7	25.8	1.39	54.4	0	1,017	0	1017	285	1303
4/20/2018	10.8	35.8	7.8	45.6	15.22	60	41	32.8	2.9	23.3	1.09	60.7	0	1,052	0	1052	286	1338
4/21/2018													0	1,063	0	1063	286	1349
4/22/2018													0	1,044	0	1044	283	1327
4/23/2018	11.4	36.9	7.5	44.2	15.9	67	45.1	33.9	2.4	18.6	1.13	64.3	0	1,030	0	1030	273	1303
4/24/2018	11.5	37.7	7.4	43.4	16.19	72	45	34.9	2.2	17.9	1.33	68.7	0	1,046	0	1047	265	1312
4/25/2018	11.9	37.1	7.1	43.9	15.22	70	45.7	35	1.6	17.7	1.01	68.4	0	1,050	0	1050	253	1303
4/26/2018	11.5	38.2	7.3	43	15.56	71	47.3	35.8	1.5	15.4	0.96	66.3	0	1,074	0	1074	255	1329
4/27/2018	11.9	36.4	7.1	44.6	16.03	71.9	47.7	36.2	1.3	14.8	0.59	62.1	0	1,094	0	1094	247	1341
4/28/2018													0	1,071	0	1071	245	1316
4/29/2018													0	1,081	0	1081	184	1266
4/30/2018	12.1	35.6	7.3	45	15.54	71	46.3	35.6	1.2	16.9	0.63	63.7	0	1,090	0	1090	252	1342
5/1/2018	11.8	35.6	7.1	45.5	15.19	79	48.1	37.7	0.8	13.4	1.1	76.1	0	1,097	0	1097	287	1384
5/2/2018	12.3	36.4	6.8	44.5	15.25	87	48.6	35.8	1.3	14.3	1.01	82.3	0	1,084	0	1084	287	1372
5/3/2018	12.7	37.5	6.4	43.4	15.13	84	49.5	36.6	0.8	13.1	0.85	77.3	0	1,036	0	1036	274	1310
5/4/2018	12.6	37.1	6.6	43.7	15.62	83	50.1	35.9	0.7	13.3	0.99	79.2	0	1,039	0	1039	284	1323
5/5/2018													0	1,061	0	1061	295	1356
5/6/2018													0	1,057	0	1057	293	1350
5/7/2018	11.6	35.5	7.2	45.7	15.13	80	49.1	36.2	0.6	14.1	0.99	75.7	0	1,065	0	1065	290	1355
5/8/2018	12.4	36.2	6.4	45	15.19	78	49.8	37	0.4	12.8	0.95	75.5	0	1,048	0	1049	290	1339
5/9/2018	13.3	37.7	6.1	42.9	15.37	82	50.5	37.1	0.8	11.6	0.92	75.2	0	1,042	0	1042	287	1329
5/10/2018	13	37.1	6.3	43.6	15.31	85	49.3	37.3	0.7	12.7	1.1	81.5	0	1,069	0	1069	294	1363
5/11/2018	13.3	38.6	6	42.1	14.02	88	50	36.9	0.9	12.2	1.06	84.6	0	1,058	0	1058	311	1369
5/12/2018													0	1,039	0	1039	311	1351
5/13/2018													0	1,050	0	1050	314	1364
5/14/2018	13.4	38.8	5.8	42	14.02	95	49.6	36.8	0.8	12.8	1.12	90.2	0	1,047	0	1047	304	1351
5/15/2018	13.7	39.5	5.5	41.3	14.08	89	50	37.4	0.8	11.8	0.97	80.8	0	993	0	993	292	1286
5/16/2018	13.6	39.7	5.3	41.4	14.94	85	50.8	37.1	0.7	11.4	0.98	82.1	0	1,034	0	1034	287	1321
5/17/2018	13.4	38.4	5.8	42.4	15.43	90	50.6	38.1	0.6	10.7	0.96	87.5	0	1,079	0	1079	277	1355
5/18/2018	12.8	38	6.1	43.1	15.68	65	50.9	38	0.6	10.5	2.24	78.7	0	1,032	0	1032	281	1312
5/19/2018													0	1,042	0	1042	285	1327
5/20/2018													0	1,043	0	1043	288	1331
5/21/2018	13	37.1	6.3	43.6	16.11	85	50.8	37.3	0.5	11.4	2.27	76.4	0	1,055	0	1055	277	1332
5/22/2018	12.9	37.7	6.1	43.3	15.37	91	50.7	37.7	0.8	10.8	4.01	86.1	0	1,068	0	1068	302	1370
5/23/2018	12.7	37.3	6.3	43.7	15.19	92	49.5	36.6	1	12.9	4.29	90.8	0	1,082	0	1082	298	1380
5/24/2018	13.2	38.1	5.7	43	14.57	94	50.1	37.5	0.8	11.6	5.51	92.2	0	1,109	0	1109	267	1376
5/25/2018	13.7	37.8	5.5	43	15	95	51.6	37.5	0.8	10.1	1.54	89.8	0	1,066	0	1066	290	1357
5/26/2018													0	1,065	0	1065	281	1346
5/27/2018													0	1,068	0	1068	278	1347



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
5/28/2018													0	1,081	0	1081	284	1366
5/29/2018	14.1	38.8	5.7	41.4	14.21	97	51.6	38.2	0.8	9.4	1.5	90.1	0	1,042	0	1042	290	1332
5/30/2018	14.1	39.4	5.2	41.3	13.23	94	51.9	37.8	0.7	9.6	1.58	88.9	0	1,049	0	1049	300	1349
5/31/2018	13.5	39.7	5.4	41.4	13.23	98	50.1	37.3	0.9	11.7	1.3	93.4	0	1,042	0	1042	295	1337
6/1/2018	13.8	38.5	5.7	42	13.53	94	53	37.6	1	8.4	1.46	120.4	0	1,063	0	1063	303	1366
6/2/2018													0	1,024	0	1024	291	1315
6/3/2018													0	1,028	0	1028	289	1317
6/4/2018	13.4	37.3	6	43.3	13.66	86	49.9	37	0.9	12.2	1.37	83.3	0	1,035	0	1035	290	1326
6/5/2018	12.6	36.8	6	44.6	13.9	87	50.4	36.8	0.8	12	1.61	83.7	0	1,063	0	1063	291	1353
6/6/2018													21	875	0	896	373	1269
6/7/2018	13	36.7	5.8	44.5	14.09	92	50.3	36.9	1	11.8	25.32	108.3	0	1,005	9	1014	307	1321
6/8/2018	12.7	36.9	6.1	44.3	13.54	94	50.4	37.1	1	11.5	1.1	86.1	0	1,053	0	1053	301	1354
6/9/2018													0	997	0	997	291	1288
6/10/2018													0	1,042	0	1042	299	1341
6/11/2018	12.8	37.3	5.9	44	15	94	50.5	36.9	1.2	11.4	0.88	85.8	0	1,053	0	1053	293	1346
6/12/2018	13	38.1	5.7	43.2	14.51	96	50.6	37.2	1.2	11	0.7	88.6	0	1,037	0	1037	284	1321
6/13/2018	12.9	37.1	5.9	44.1	14.39	94	51.1	37	1	10.9	0.7	85.9	0	1,037	0	1037	281	1318
6/14/2018	12.6	36.1	6.1	45.2	14.57	90	51.2	36.7	0.9	11.2	0.97	82.6	0	1,034	0	1034	282	1316
6/15/2018	12.7	36.9	5.9	44.5	15.12	90	51	37.4	0.8	10.8	0.67	83.7	0	1,055	0	1055	290	1344
6/16/2018													0	1,057	0	1057	293	1349
6/17/2018													0	1,051	0	1051	294	1345
6/18/2018	12.8	40.9	5.8	40.5	14.21	99.2	48.8	36.7	1.7	12.8	0.77	94.7	0	1,050	0	1050	294	1344
6/19/2018	13.1	37.2	5.7	44	14.75	97	51.3	36.6	1	11.1	0.68	89.8	0	1,042	0	1042	291	1334
6/20/2018	13	36.6	5.8	44.6	14.57	89	51.7	36.7	1	10.6	0.82	82.3	0	1,009	0	1009	284	1293
6/21/2018	14.9	40.1	5.2	39.8	14.69	92.5	51.3	37	1.4	10.3	0.95	90.2	0	992	0	992	281	1273
6/22/2018	13.5	38	5.8	42.7	15	86.2	51.4	37.3	0.9	10.4	0.95	80.7	0	957	0	957	272	1229
6/23/2018													0	977	0	977	282	1259
6/24/2018													0	990	0	990	285	1275
6/25/2018	13.2	37.6	5.8	43.4	14.81	88	50.4	36.7	1.2	11.7	0.76	83.3	0	987	0	987	283	1270
6/26/2018	13.7	38.1	5.8	42.4	15	90	52	37.7	1.3	9	0.72	83	0	965	0	965	276	1241
6/27/2018	13.4	38.7	5.6	42.3	14.63	87	51	36.7	1.3	11	0.8	81.9	0	1,006	0	1006	289	1295
6/28/2018	13.2	38	5.9	42.9	13.24	97	50.7	37.1	1.3	10.9	0.81	90.1	0	974	0	974	208	1182
6/29/2018	13.2	37.8	5.7	43.3	13.72	96	53.7	38.7	0.2	7.4	0.91	90.1	0	1,074	0	1074	199	1273
6/30/2018													0	1,036	0	1036	297	1333
7/1/2018													0	931	11	941	251	1192
7/2/2018	13.2	36.6	6.2	44	13.9	95	49.9	35.7	2	12.4	0.93	87.2	0	1,034	0	1034	280	1314
7/3/2018	13.9	40.6	6	39.5	14.29	96	50	37.7	1.7	10.6	0.89	88	0	1,020	0	1020	278	1299
7/4/2018													0	1,047	0	1047	282	1330
7/5/2018	13.2	39	6.3	41.5	14.45	100	50.2	37.4	1.6	10.8	0.93	90.7	0	1,057	0	1057	288	1345
7/6/2018	12.9	39.3	6.2	41.6	14.58	94	50.6	37.3	1.4	10.7	0.73	87.6	0	1,031	0	1031	286	1317
7/7/2018													0	1,015	0	1015	278	1293
7/8/2018													0	1,019	0	1019	285	1303
7/9/2018	13.6	40.4	5.8	40.2	13.87	97	51.1	37.5	1.3	10.1	1.02	88.9	0	1,035	0	1035	290	1325
7/10/2018	13.8	41.5	5.8	38.9	14.29	98	51.8	38.1	1.2	8.9	0.84	89.4	0	1,049	0	1049	296	1344
7/11/2018	14	40.6	5.9	39.5	14.45	98	51.4	37.6	1.5	9.5	0.96	90.1	0	1,058	0	1058	292	1350
7/12/2018	13.8	39.9	6.1	40.2	14.41	96	51.5	38.2	1.3	9	0.9	88.4	0	1,074	0	1074	299	1373
7/13/2018	13.2	38.7	6.2	41.9	14.45	96	50.9	37.7	1.5	9.9	0.9	88.4	0	1,084	0	1084	320	1404
7/14/2018													0	1,072	0	1072	296	1368
7/15/2018													0	1,053	0	1053	293	1346
7/16/2018	13.4	39.1	6	41.5	15.13	98	50	37.6	1.6	10.8	0.91	89.9	0	1,068	0	1068	295	1364

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
7/17/2018	13.6	37.2	6.5	42.7	14.27	95	50.1	36.6	1.7	11.6	0.83	87.7	0	1,068	0	1068	290	1358
7/18/2018	12.7	37.5	6.7	43.1	14.58	93	49.9	37.6	1.6	10.9	0.83	86.5	0	1,062	0	1062	289	1351
7/19/2018	14	37.7	6.2	42.1	15.06	94	51.1	37.2	1.6	10.1	0.89	87.7	0	1,044	0	1044	286	1331
7/20/2018	13.2	38.8	6.2	41.8	14.79	93	50.3	37.7	1.6	10.4	0.83	87	0	1,080	0	1080	296	1376
7/21/2018													0	1,047	0	1047	289	1336
7/22/2018													0	1,020	0	1020	283	1303
7/23/2018	12.9	37.7	6.5	42.9	14.92	87	50.1	36.8	1.6	11.5	0.93	83.1	0	1,051	0	1051	292	1344
7/24/2018	12.6	37.7	6.6	43.1	14.33	92	50.5	37.5	1.5	10.5	0.97	84.9	180	901	0	1081	301	1383
7/25/2018	12.6	37.4	6.5	43.5	14.5	91	50.1	38.1	1.3	10.5	0.73	83.8	0	964	18	982	283	1265
7/26/2018	12.9	37.9	6.6	42.6	14.75	93	51	37.1	1.5	10.4	0.94	86.6	0	1,051	0	1051	297	1348
7/27/2018	12.2	35.7	6.8	45.3	14.79	87	48.9	36	2	13.1	0.85	82.2	0	1,021	0	1021	290	1312
7/28/2018													0	976	0	976	292	1268
7/29/2018													0	947	0	947	280	1228
7/30/2018	13	38.1	6.4	42.5	14.66	85	50.3	37.2	1.8	10.7	0.96	82.2	0	954	0	954	287	1242
7/31/2018	12.7	37.3	6.7	43.3	13.74	86	50.3	37.2	1.8	10.7	0.86	82.2	0	945	0	945	290	1235
8/1/2018	13.4	36.6	6.6	43.4	14.21	82	50.3	36.6	1.8	11.3	1.03	77.7	0	906	0	906	303	1209
8/2/2018	12.3	36.9	6.9	43.9	14.45	88	49.6	37	1.9	11.5	0.82	82.2	0	981	0	981	301	1281
8/3/2018	13.2	37.3	6.7	42.8	14.62	91	49.9	36.8	1.8	11.5	0.88	84.8	0	1,003	0	1003	307	1310
8/4/2018													0	987	0	987	306	1293
8/5/2018													0	1,000	0	1000	306	1307
8/6/2018	13	37.7	6.5	42.8	14.79	96	49.1	37.2	1.9	11.8	0.7	89.3	0	1,001	0	1001	308	1308
8/7/2018	12.9	38.3	6.6	42.2	14.62	96	49.6	37.5	1.8	11.1	0.98	88.8	0	950	0	950	302	1252
8/8/2018	13.8	38	6.4	41.8	14.94	91	50	37.2	1.7	11.1	0.74	85.3	0	974	0	974	311	1285
8/9/2018	13.6	36.4	6.7	43.3	14.7	91	49.8	37	1.8	11.4	1.02	83.9	0	1,017	7	1024	309	1333
8/10/2018	13.2	34.8	7.1	44.9	15	92	50.9	37.6	1.2	10.3	0.98	84.1	0	1,021	0	1021	303	1324
8/11/2018													0	1,016	0	1016	304	1320
8/12/2018													0	1,015	0	1015	303	1318
8/13/2018	13	34.7	7.2	45.1	15.06	93	50.4	37.5	1.4	10.7	0.79	84.7	0	1,028	0	1028	304	1331
8/14/2018	13.3	35.3	6.8	44.6	15.06	94	50.8	37.7	1.4	10.1	0.93	86.3	0	982	0	982	296	1278
8/15/2018	12.3	34.8	6.8	46.1	15.56	89	51.4	36.9	1.4	10.3	0.71	79.6	0	977	0	977	291	1268
8/16/2018	11.8	36.2	6.9	45.1	14.58	91	49.2	37.5	1.5	11.8	1.04	86.3	0	1,050	0	1050	303	1353
8/17/2018	13.1	35.8	7.1	44	14.57	94	50.1	37	1.4	11.5	0.65	86.5	0	1,044	0	1044	297	1341
8/18/2018													0	1,069	0	1069	298	1367
8/19/2018													0	1,055	0	1055	296	1351
8/20/2018	13.3	35.2	6.8	44.7	15.19	91	51.3	38	1.4	9.3	1	85.2	0	1,007	0	1007	291	1297
8/21/2018	12.9	34.8	7.1	45.2	14.33	87	50.8	37.2	1.3	10.7	0.7	82.3	0	980	0	980	286	1266
8/22/2018	12.3	33.5	7.8	46.4	14.94	85	50	37.7	1.3	11	1.16	78.9	0	1,006	0	1006	288	1294
8/23/2018	12.6	34.2	7.4	45.8	14.88	86	50.8	37.5	1.2	10.5	0.7	76.5	0	1,009	0	1009	290	1299
8/24/2018	13.7	35.9	6.7	43.7	14.94	80	51.7	37	1.2	10.1	1.01	73.1	0	949	0	949	281	1231
8/25/2018													0	983	0	983	297	1280
8/26/2018													0	1,010	0	1010	302	1312
8/27/2018	13.5	35.2	7	44.3	15.55	96	51	37.6	1.3	10.1	0.69	88	0	1,025	0	1025	301	1325
8/28/2018	11.8	34.3	7.3	46.6	15.68	96	50	37.3	1.4	11.3	1.01	88.2	0	1,022	0	1022	301	1323
8/29/2018	11.9	33.3	7.5	47.3	15.68	86	50.4	37.7	1.4	10.5	0.93	77.7	0	980	0	980	283	1263
8/30/2018	11.7	33.5	7.4	47.4	15.74	88	49.6	37.3	1.3	11.8	0.63	83	0	995	0	995	291	1286
8/31/2018	12.3	35.8	6.7	45.2	16.17	91	50.4	37.6	1.3	10.7	0.81	84.3	0	1,008	0	1008	296	1304

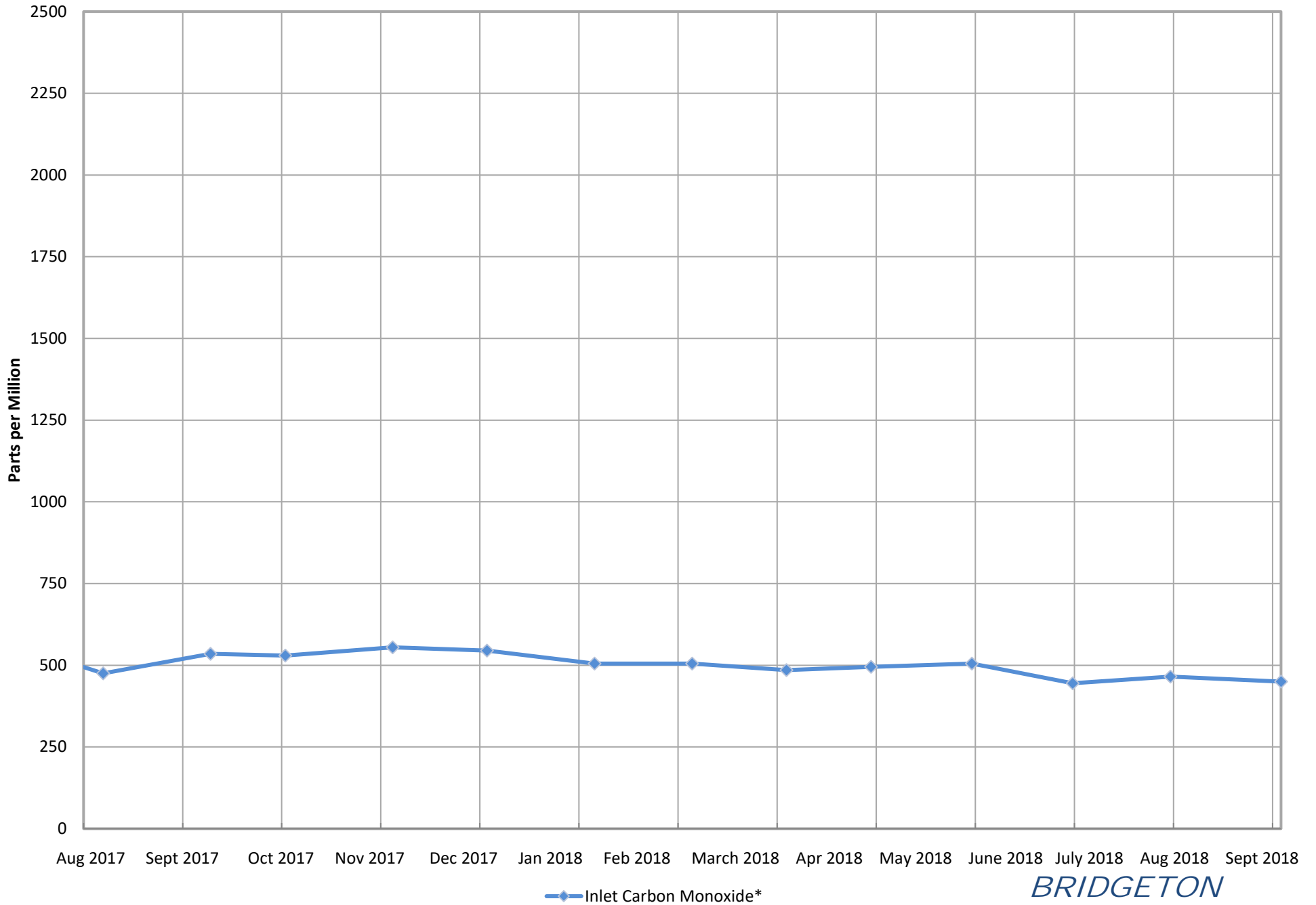
# South Quarry Inlet Gas and Temperature\*



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

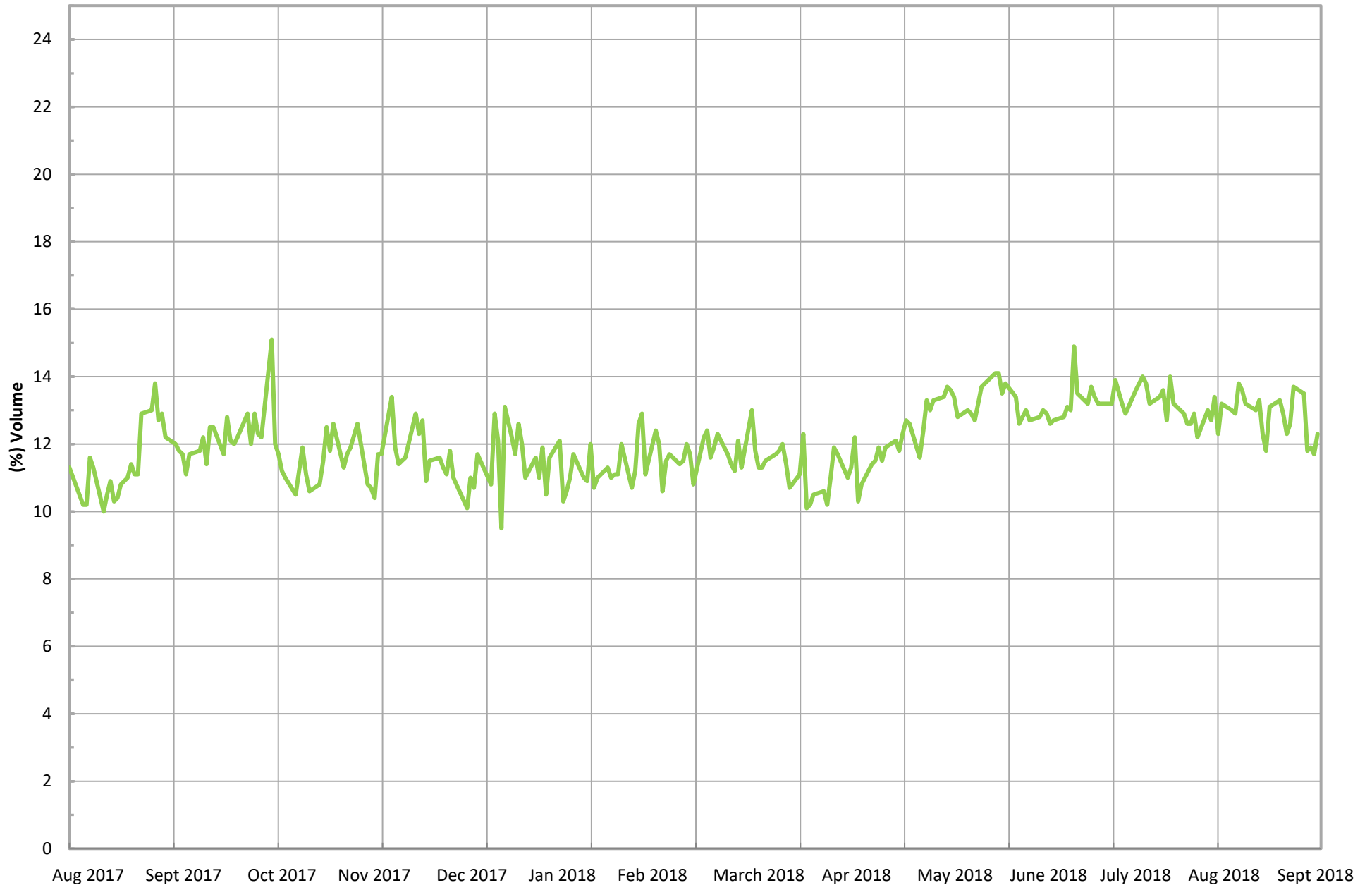
# South Quarry Inlet Carbon Monoxide\*



\*Data collected from Laboratory Reports for the South Quarry.

*BRIDGETON  
LANDFILL*

# South Quarry Inlet Methane (Field Data)\*

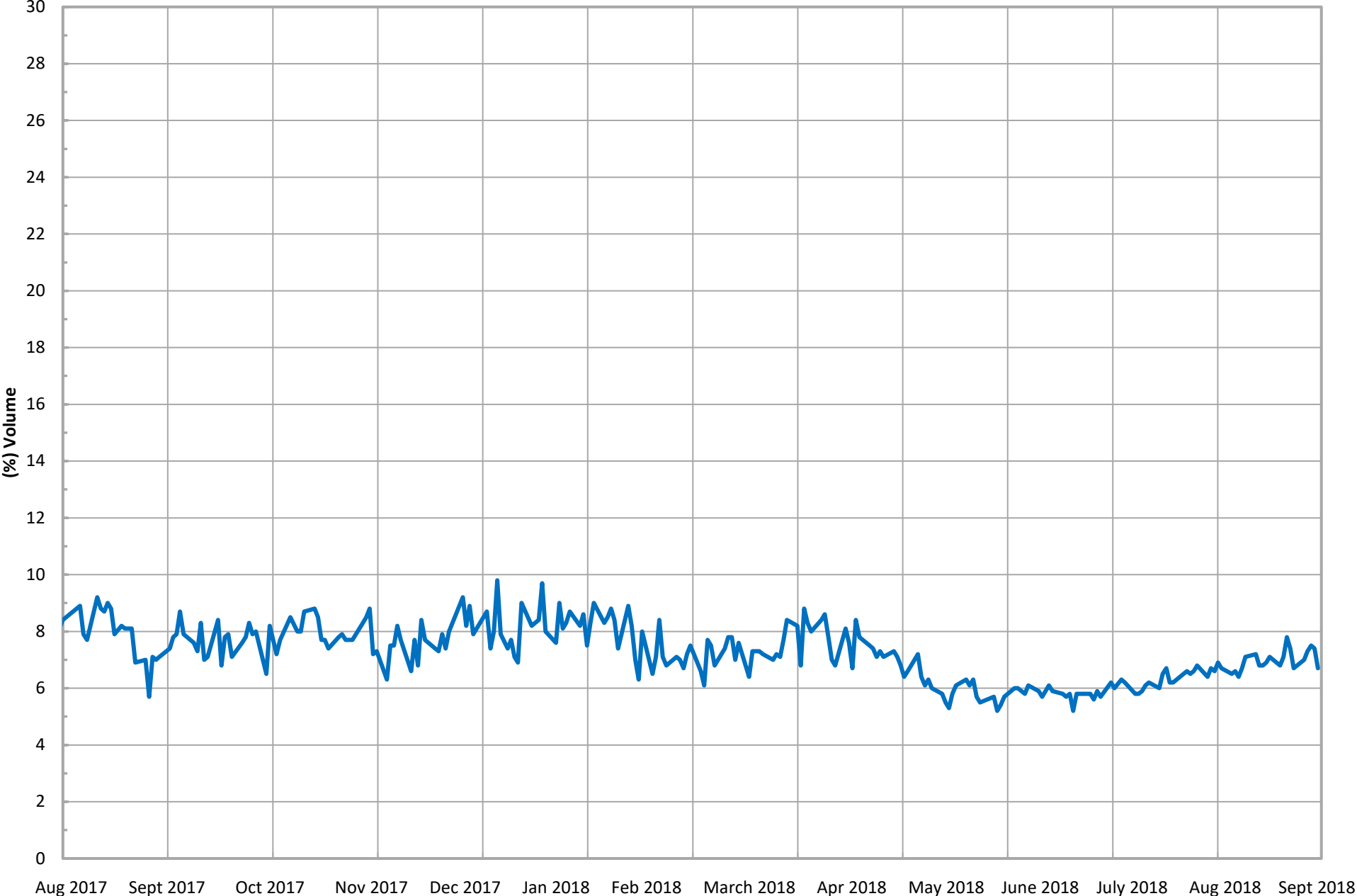


\*Gas data collected from field monitoring data in the South Quarry.

— Combined Inlet Methane (Field Data)\*

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# South Quarry Inlet Oxygen (Field Data)\*

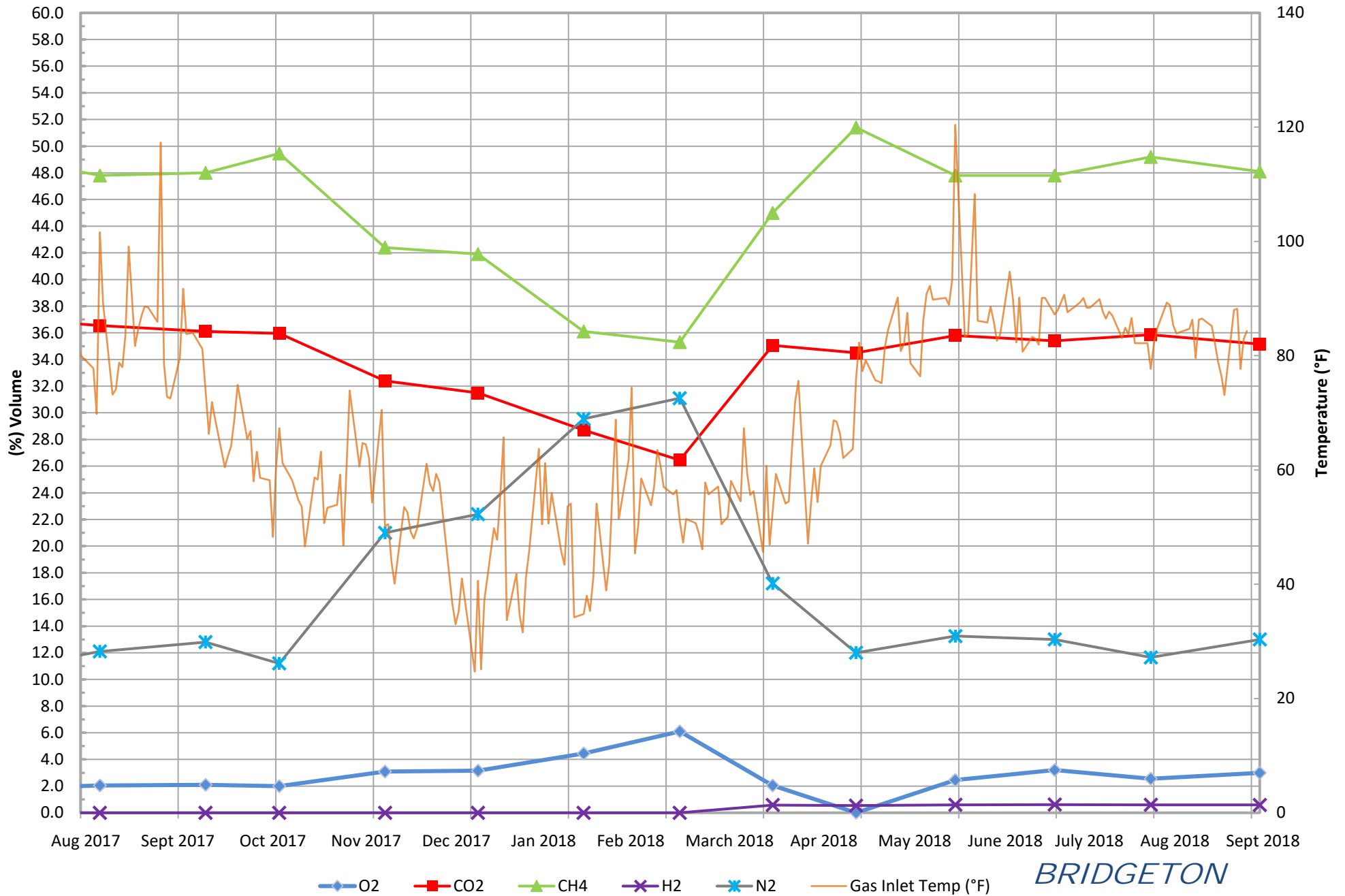


\*Gas data collected from field monitoring data in the South Quarry.

— Combined Inlet Oxygen (Field Data)\*

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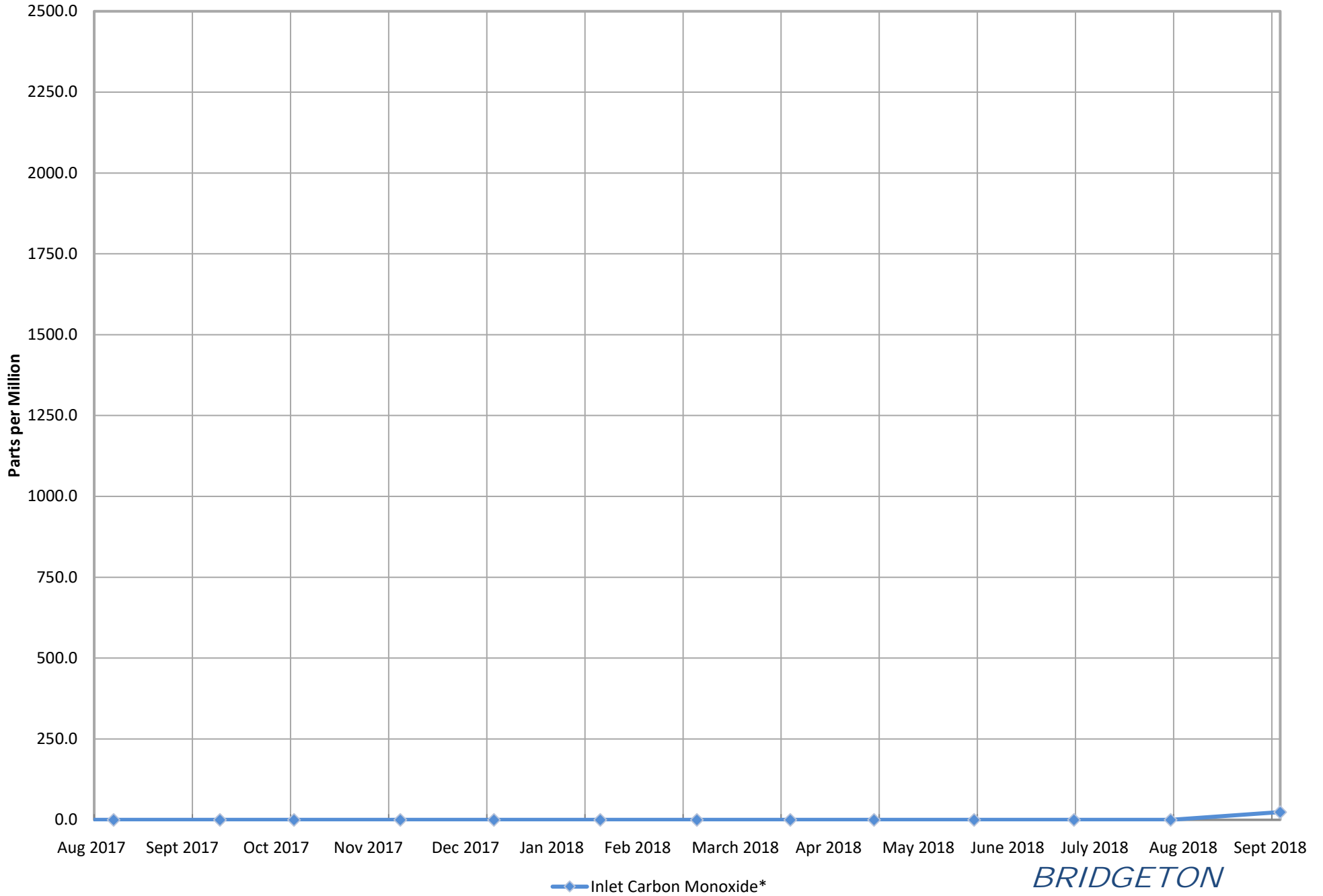
# North Quarry Inlet Gas and Temperature\*



*BRIDGETON  
LANDFILL*

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

# North Quarry Inlet Carbon Monoxide\*

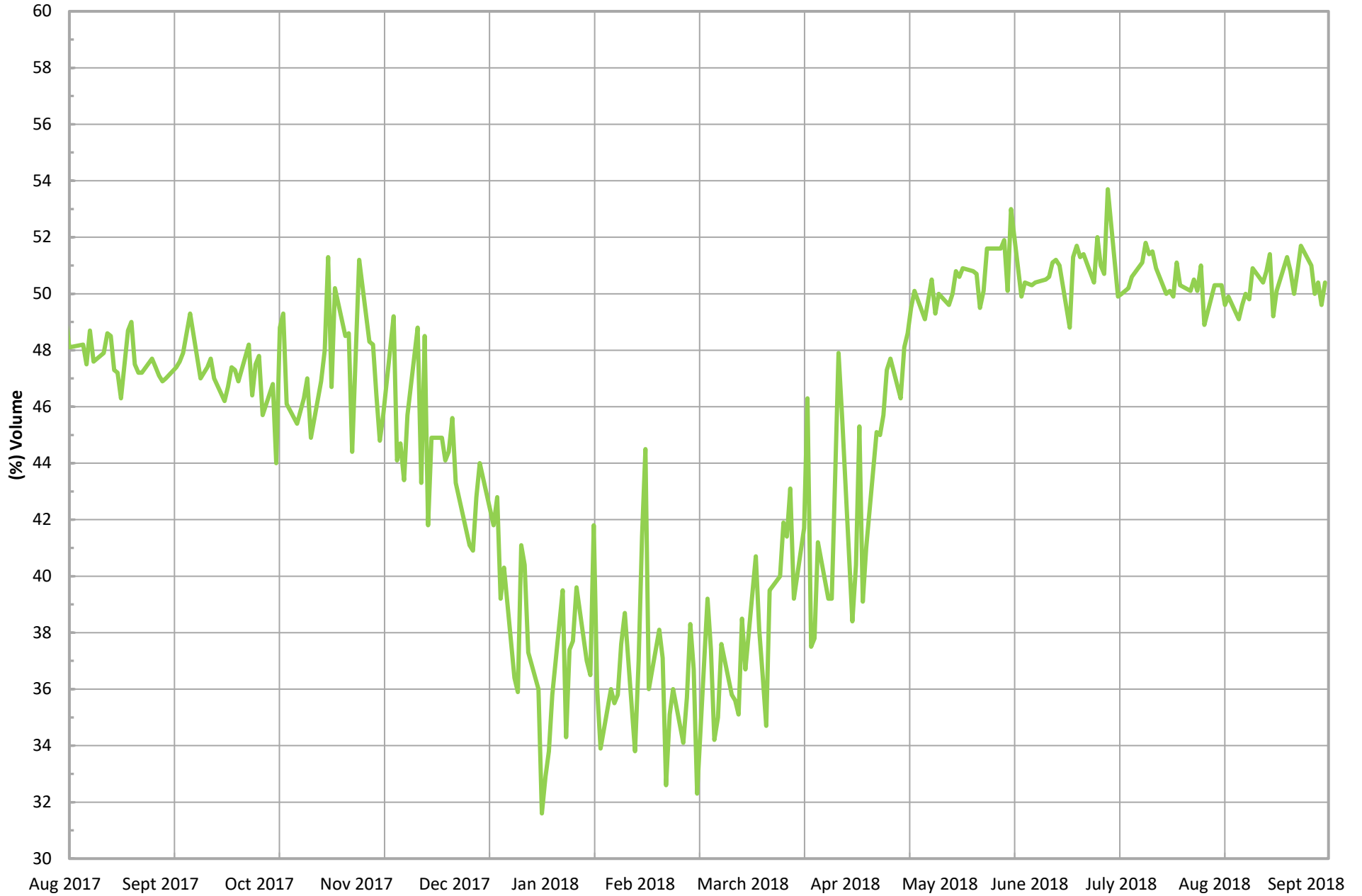


\*Data collected from Laboratory Reports for the North Quarry.

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# North Quarry Inlet Methane (Field Data)\*

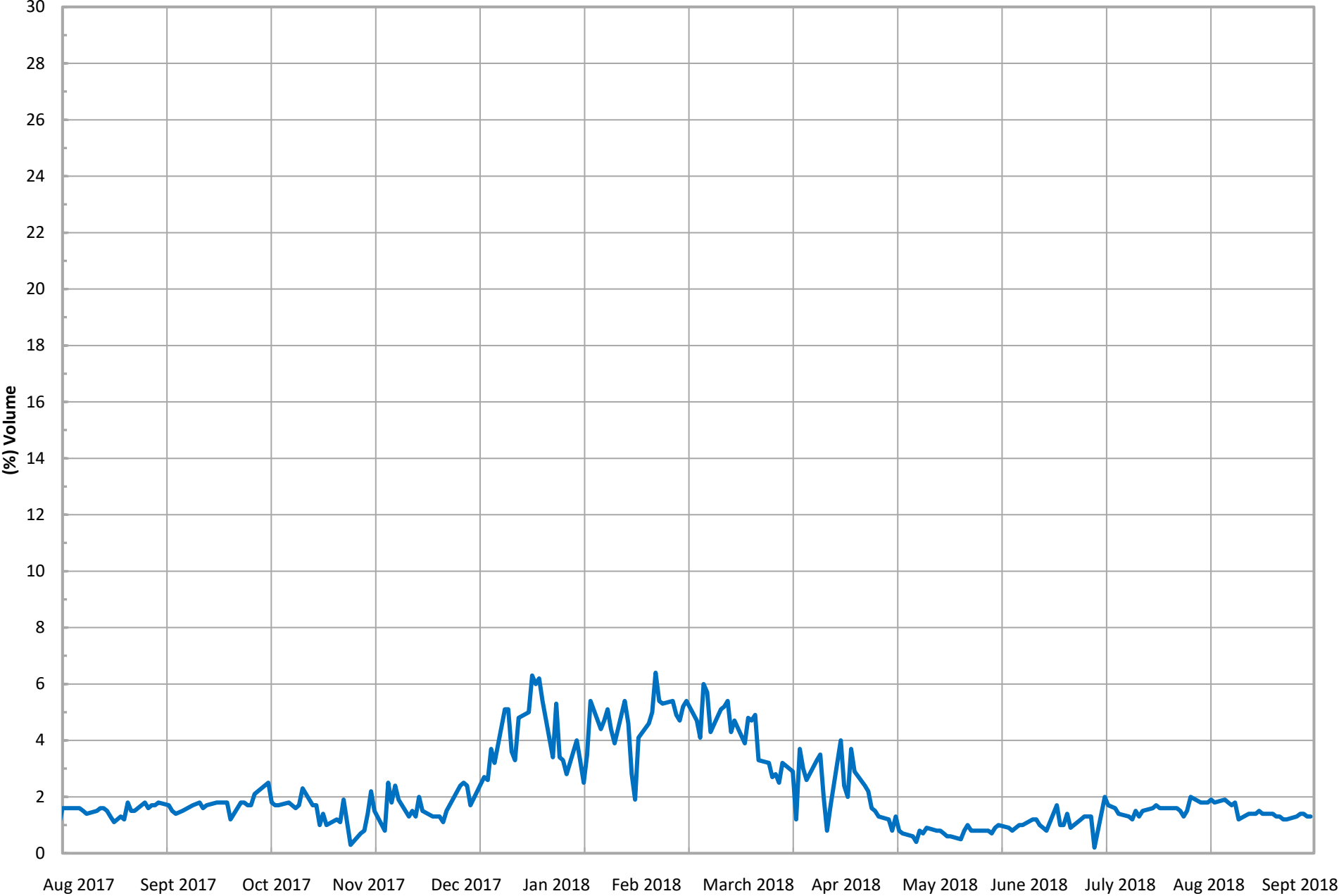


\*Gas data collected from field monitoring data in the North Quarry.

— Combined Inlet Methane (Field Data)\*

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# North Quarry Inlet Oxygen (Field Data)\*

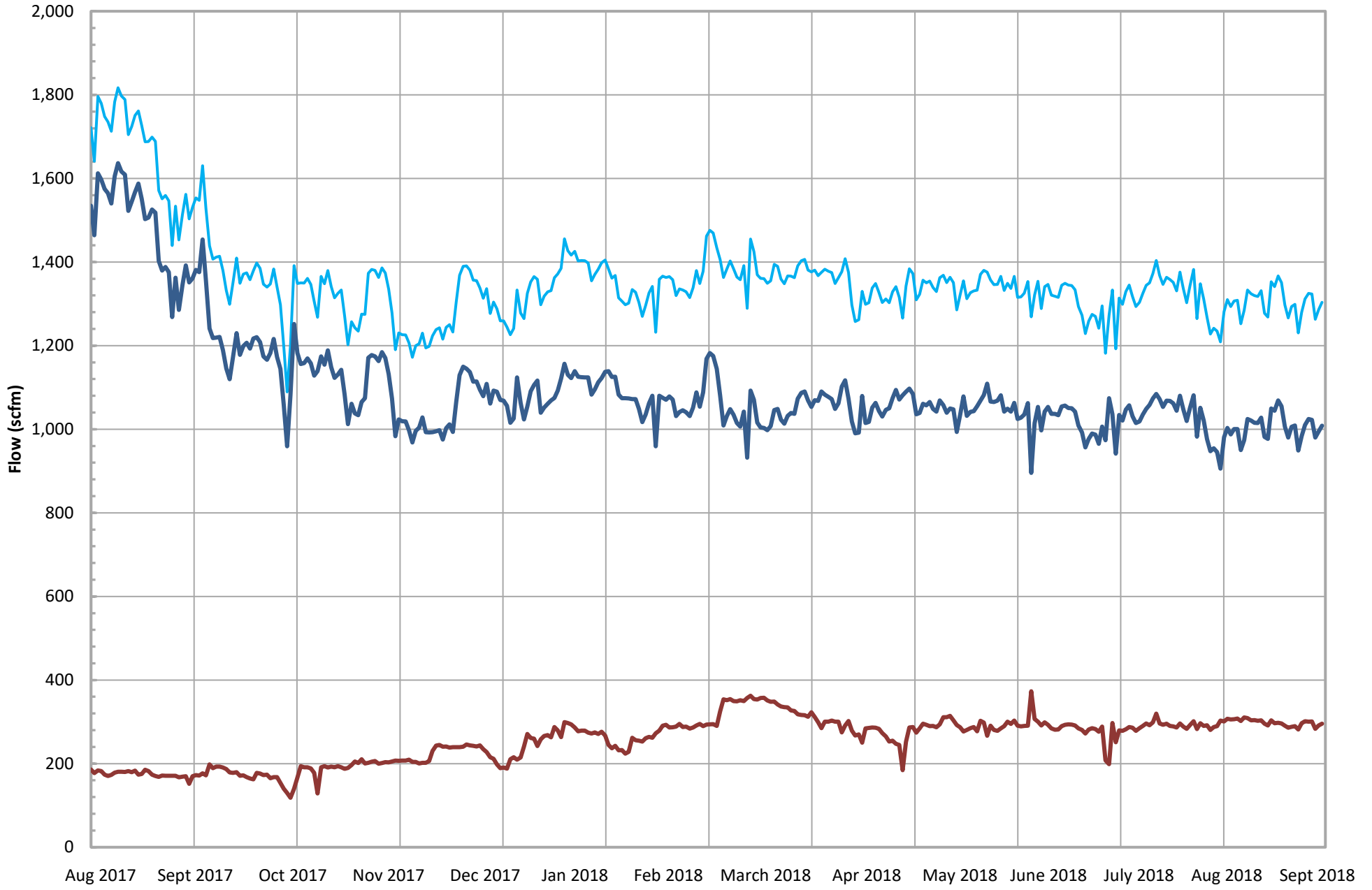


\*Gas data collected from field monitoring data in the North Quarry.

— 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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