Daily Flare Monitoring Data - Bridgeton Landfill
October 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***	
10/1/2017	0	0	1,361	170	1,531
10/2/2017	0	0	1,381	173	1,554
10/3/2017	0	0	1,376	172	1,548
10/4/2017	0	0	1,454	177	1,630
10/5/2017	0	0	1,355	172	1,528
10/6/2017	0	0	1,241	198	1,439
10/7/2017	0	0	1,218	189	1,407
10/8/2017	0	0	1,219	193	1,412
10/9/2017	0	0	1,221	193	1,414
10/10/2017	0	0	1,189	191	1,380
10/11/2017	0	0	1,145	187	1,332
10/12/2017	0	0	1,120	179	1,299
10/13/2017	0	0	1,173	178	1,351
10/14/2017	0	0	1,230	179	1,410
10/15/2017	0	0	1,178	171	1,349
10/16/2017	0	0	1,199	172	1,371
10/17/2017	0	0	1,207	167	1,374
10/18/2017	0	307	887	164	1,358
10/19/2017	29	0	1,188	162	1,379
10/20/2017	0	0	1,220	178	1,398
10/21/2017	0	0	1,209	177	1,385
10/22/2017	0	0	1,174	173	1,346
10/23/2017	25	54	1,086	174	1,340
10/24/2017	0	0	1,182	165	1,348
10/25/2017	0	0	1,216	168	1,383
10/26/2017	0	0	1,173	168	1,340
10/27/2017	0	0	1,144	154	1,298
10/28/2017	0	0	1,057	140	1,198
10/29/2017	0	0	959	130	1,089
10/30/2017	0	0	1,082	118	1,201
10/31/2017	0	0	1,252	140	1,391
AVERAGE	2	12	1,197	170	**1,380**

* 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:
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
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	530.0	Gas concentrations based on average of Blower Outlet A and Blower Outlet B

North Quarry

Date	CH4	CO2	O2	N2	H2	CO (ppm)	Comments:
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
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	49.45	35.95	2	11.2	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./Vac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
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**
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**

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./Vac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
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**
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**

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./Vac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
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**
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**
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**

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./Vac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
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**
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**

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./Vac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
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**
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**

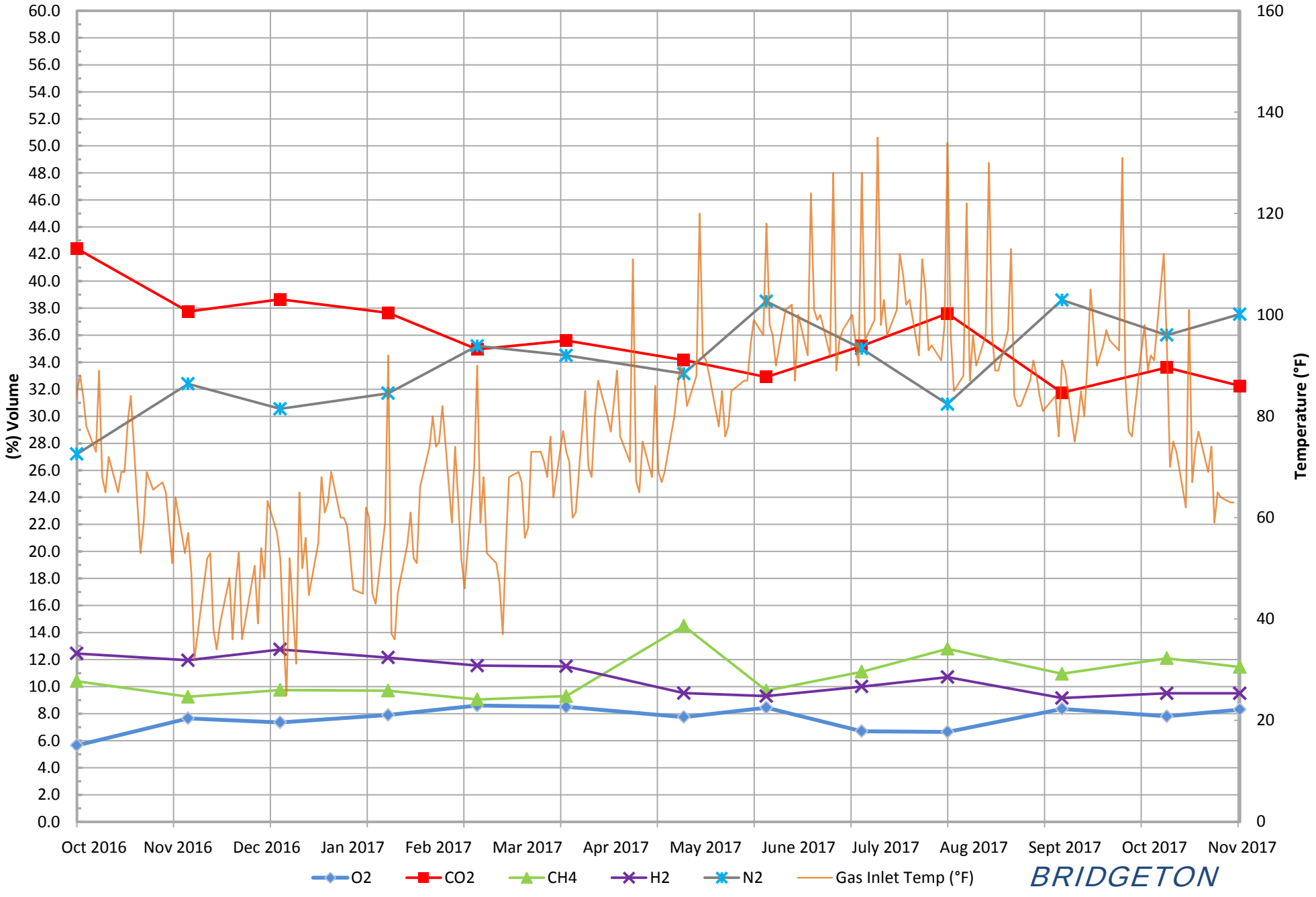
Date	South Quarry						North Quarry						Flare Sta #2 FL-100	Flare Sta #3 FL-120	Flare Sta #1 FL-140	SQ Flare Station Total Utility Flare Flow	NQ Utility Flare Flow (scfm)	Total Flow
	CH4	CO2	O2	Bal.	Press./Vac.	Gas Inlet Temp (°F)	CH4	CO2	O2	Bal.	Press./Vac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
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**
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**

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./Vac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
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**
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**

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./Vac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
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**
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**

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./Vac.	Gas Inlet Temp (°F)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	Flow (scfm)	scfm
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**

South Quarry Inlet Gas and Temperature*



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

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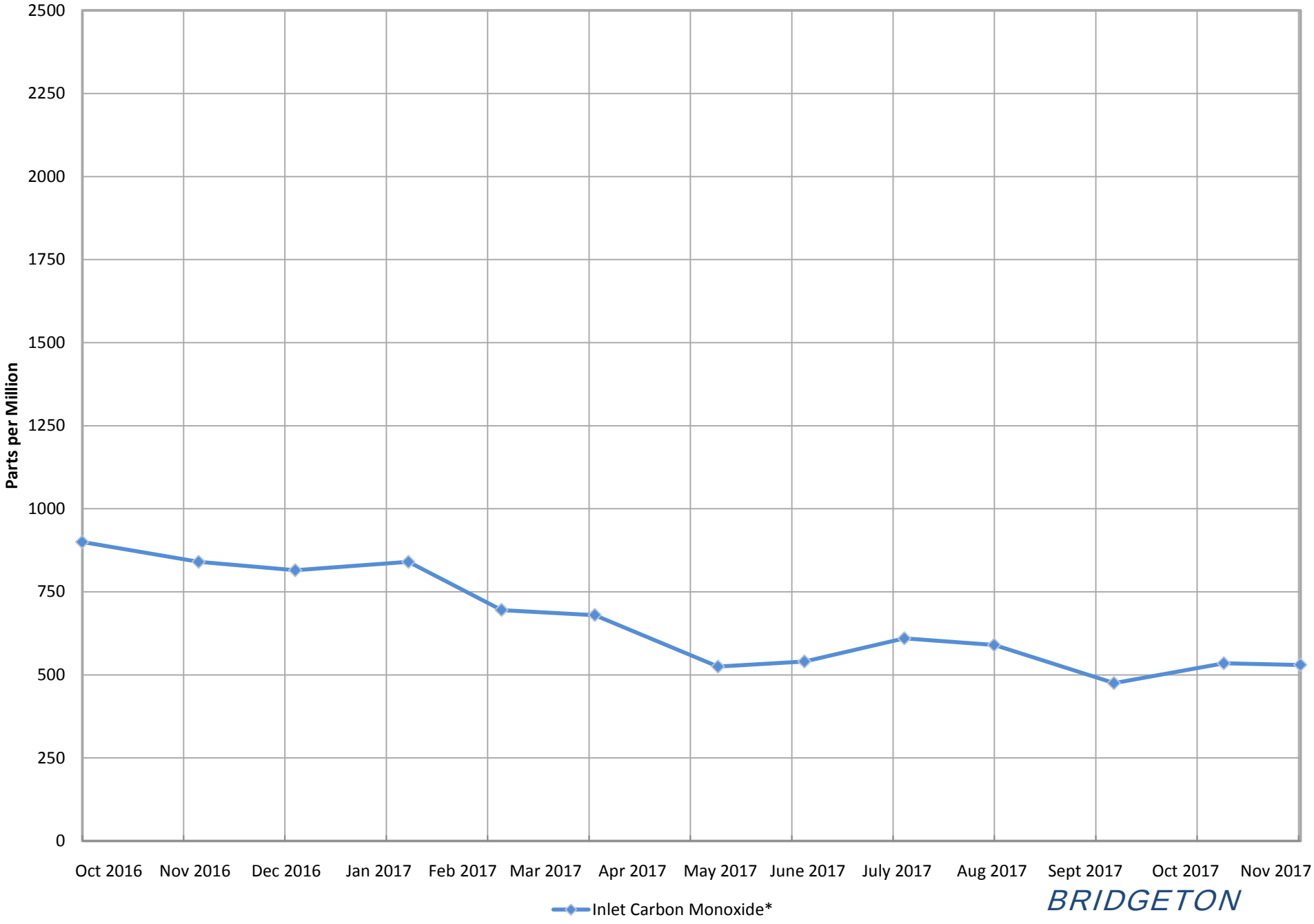
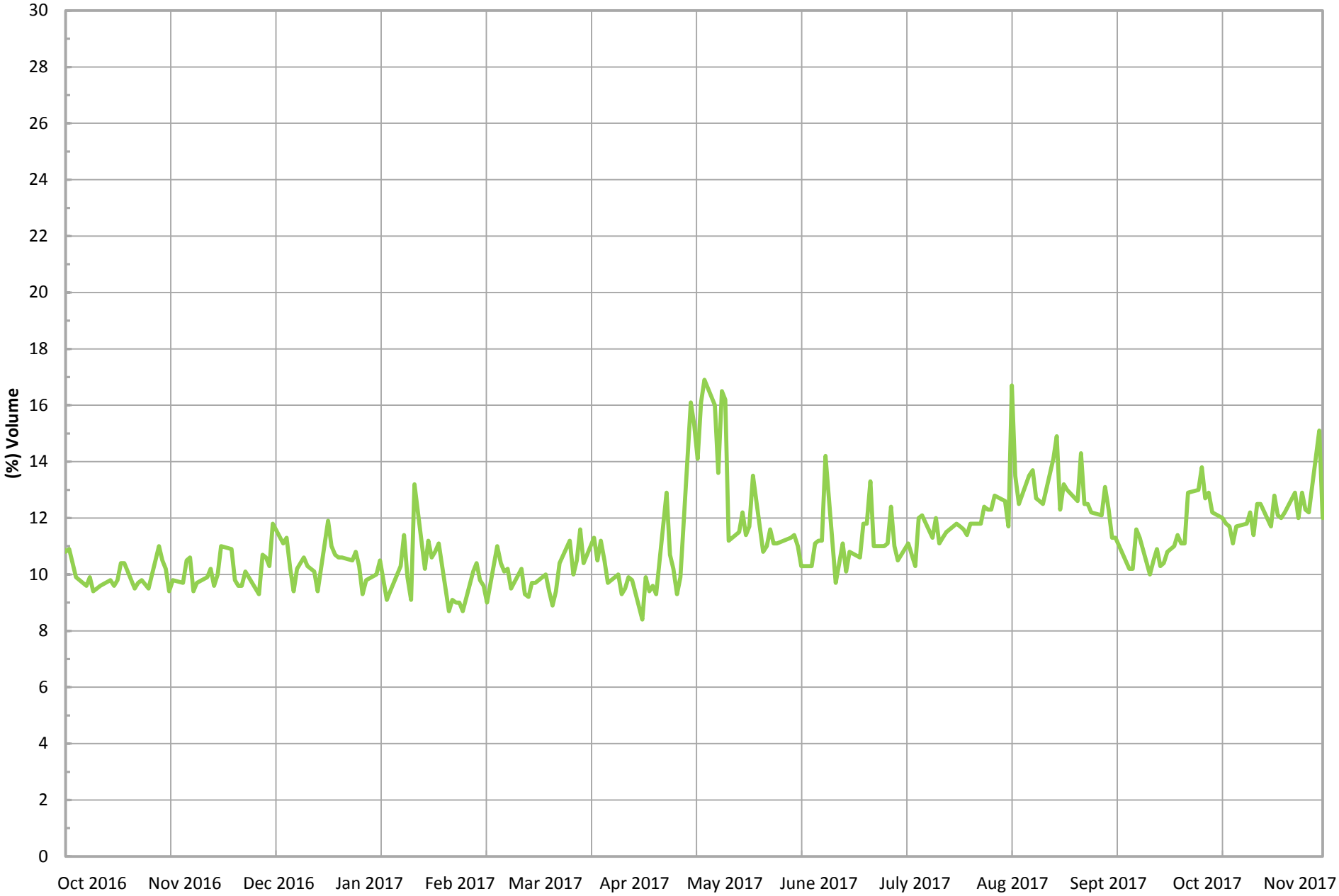
South Quarry Inlet Carbon Monoxide*



*Data collected from Laboratory Reports for the South Quarry.

BRIDGETON LANDFILL

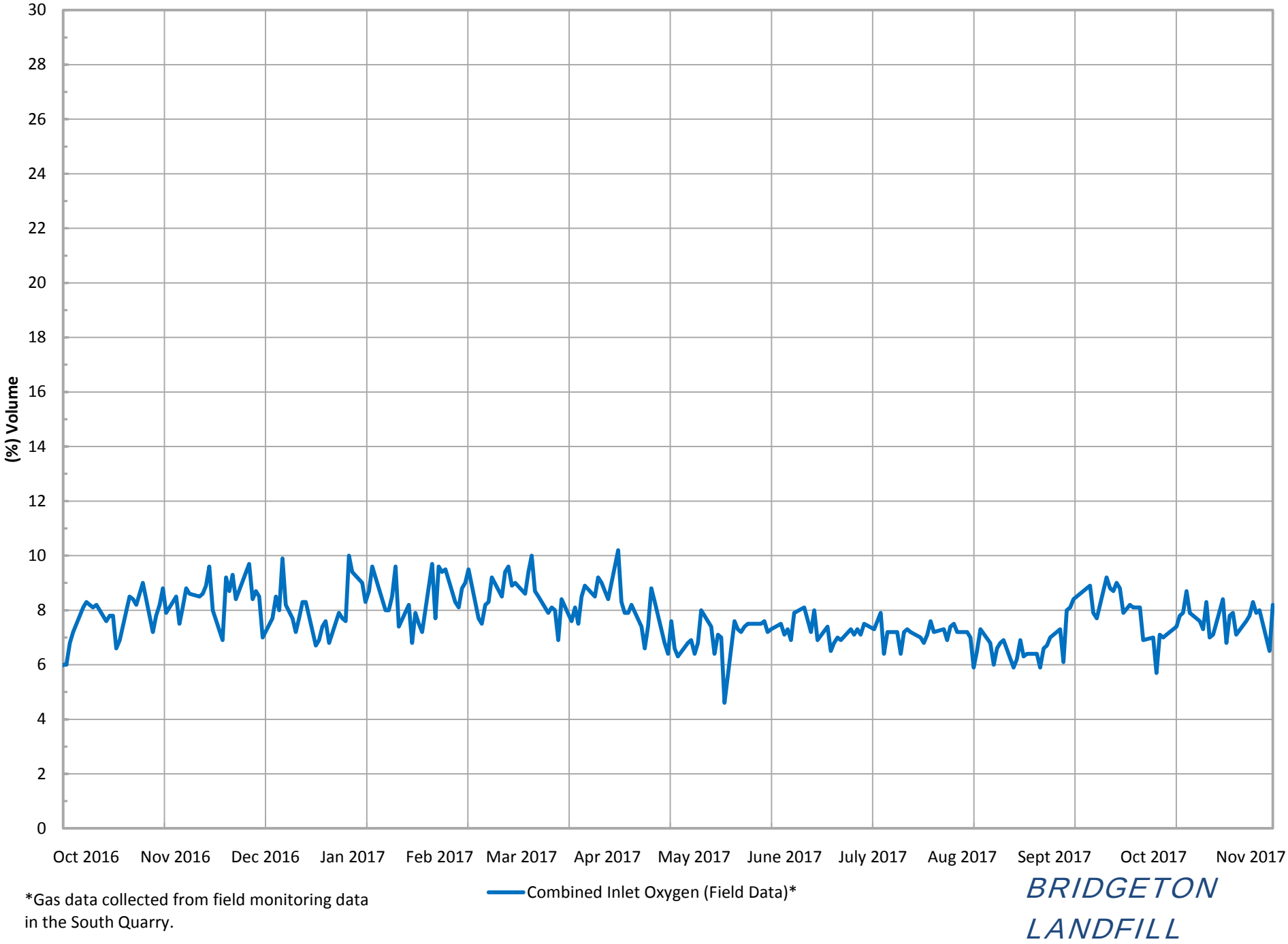
South Quarry Inlet Methane (Field Data)*



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

BRIDGETON LANDFILL

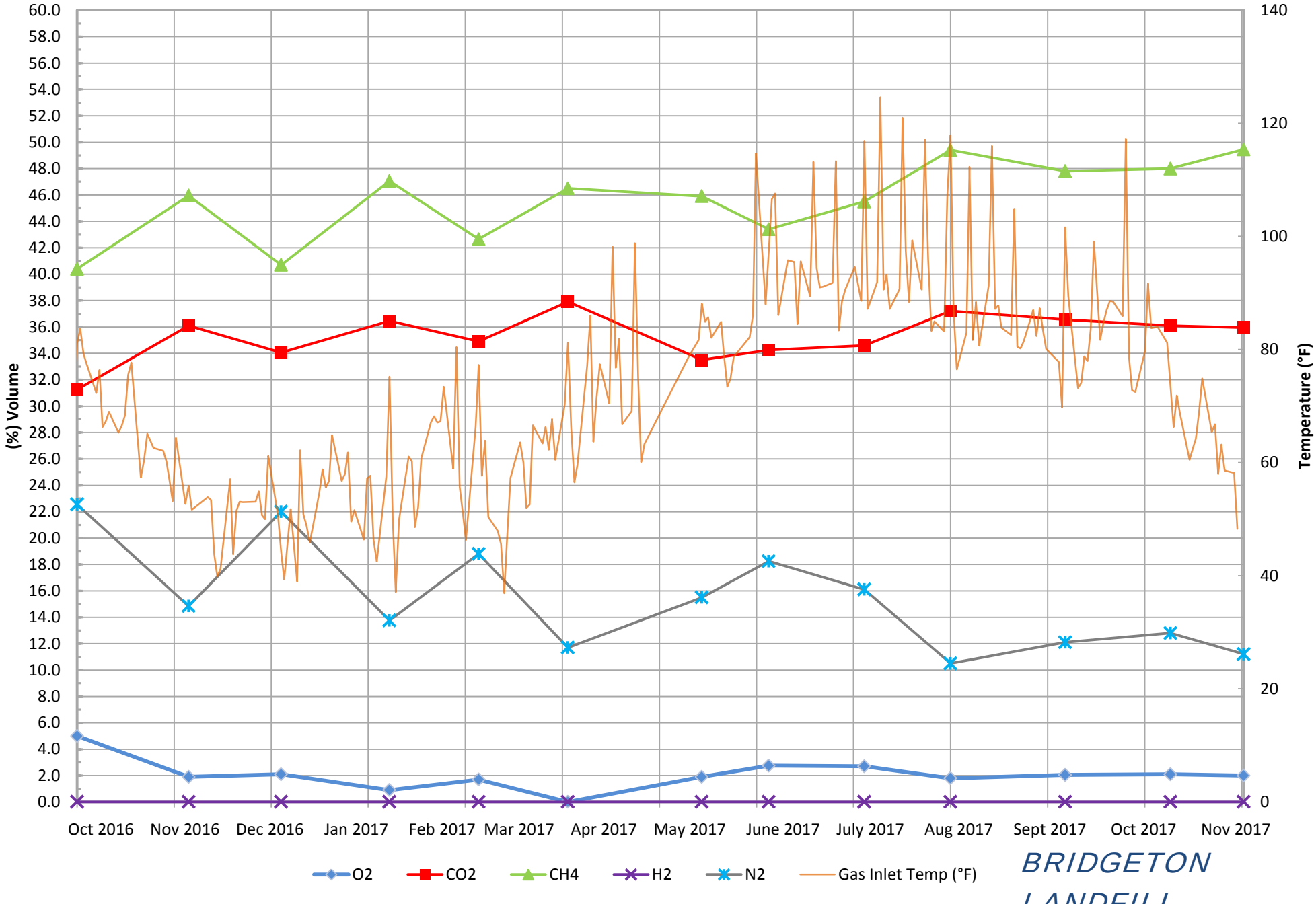
South Quarry Inlet Oxygen (Field Data)*



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

BRIDGETON LANDFILL

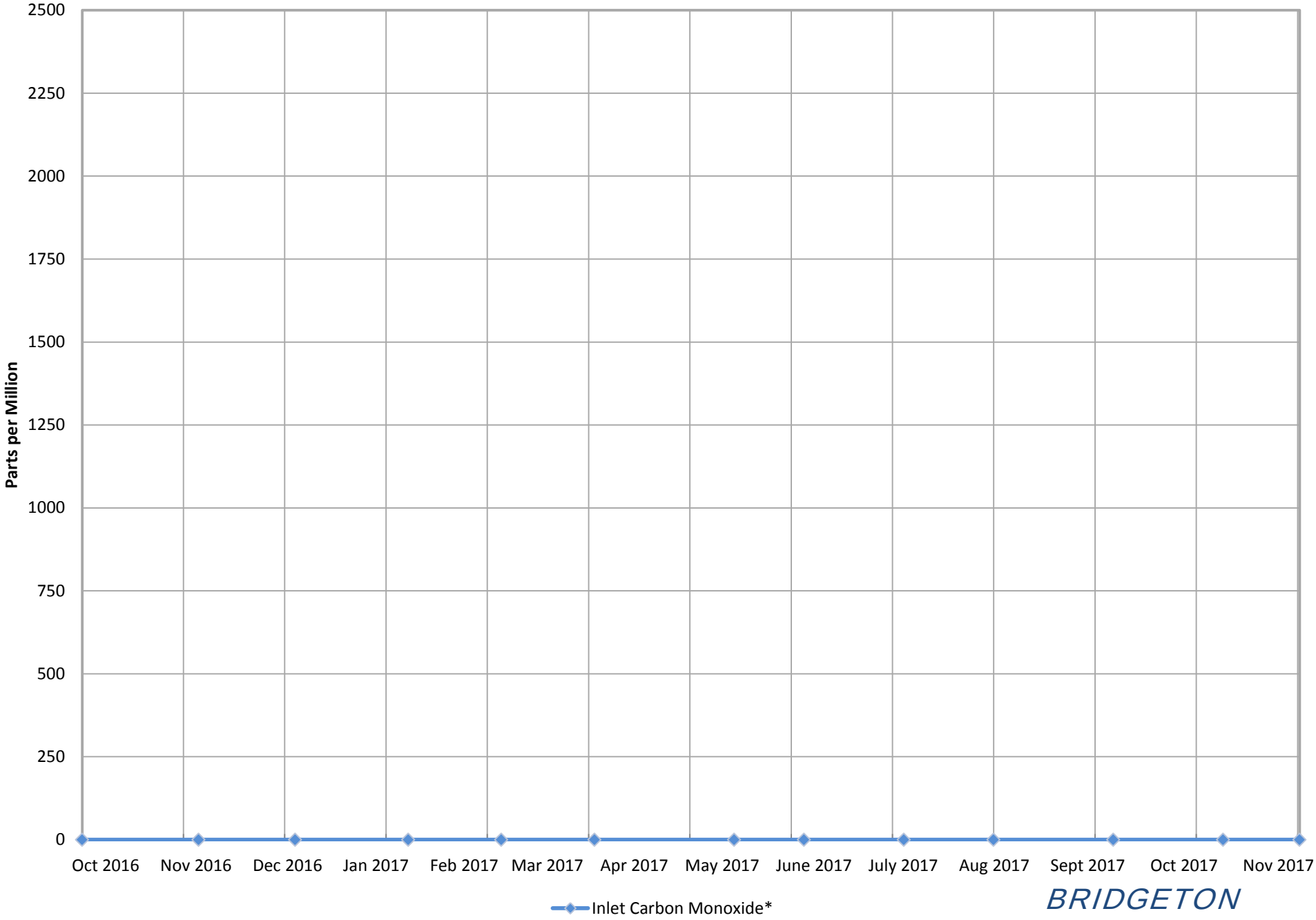
North Quarry Inlet Gas and Temperature*



BRIDGETON LANDFILL

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

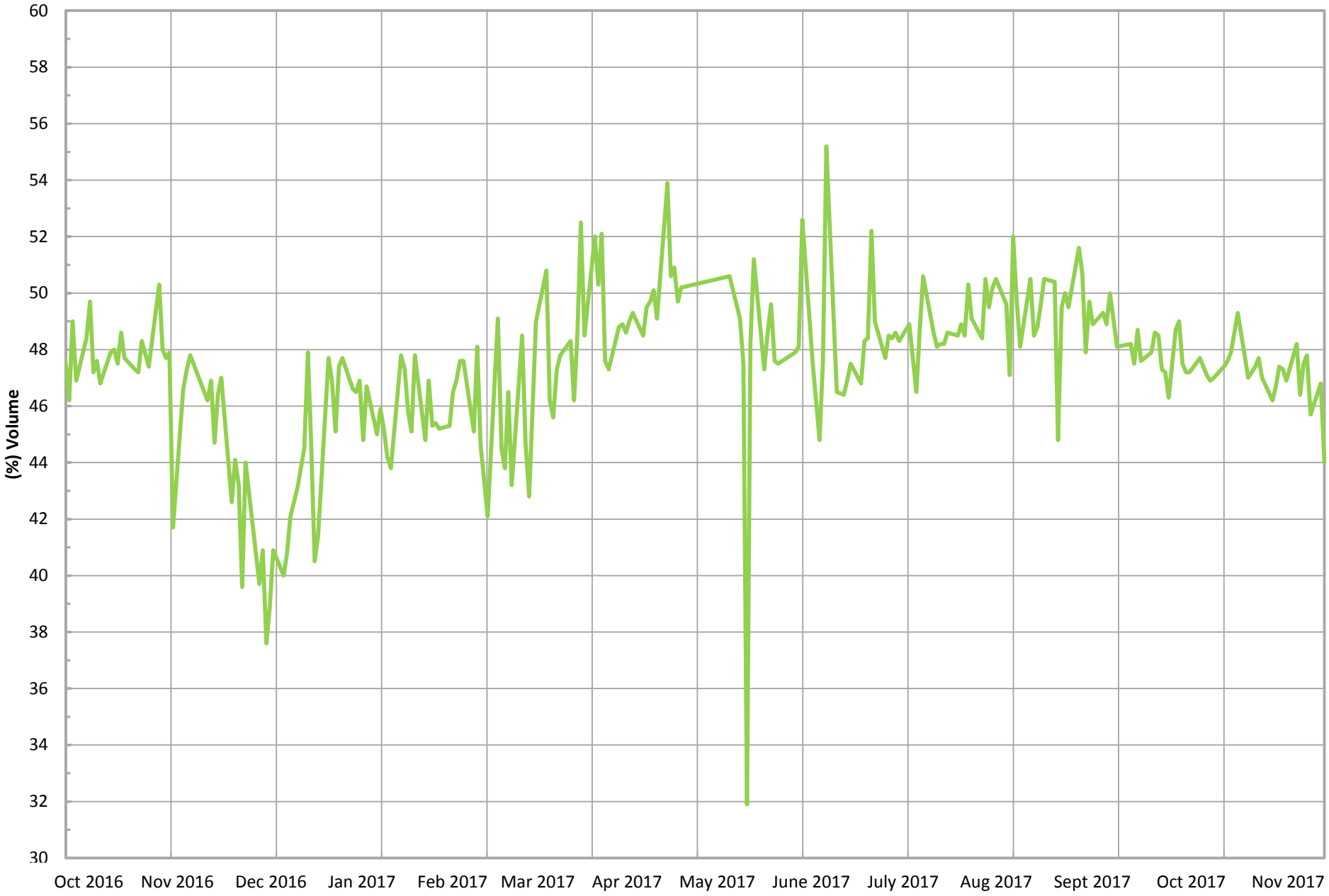
North Quarry Inlet Carbon Monoxide*



*Data collected from Laboratory Reports for the North Quarry.

BRIDGETON LANDFILL

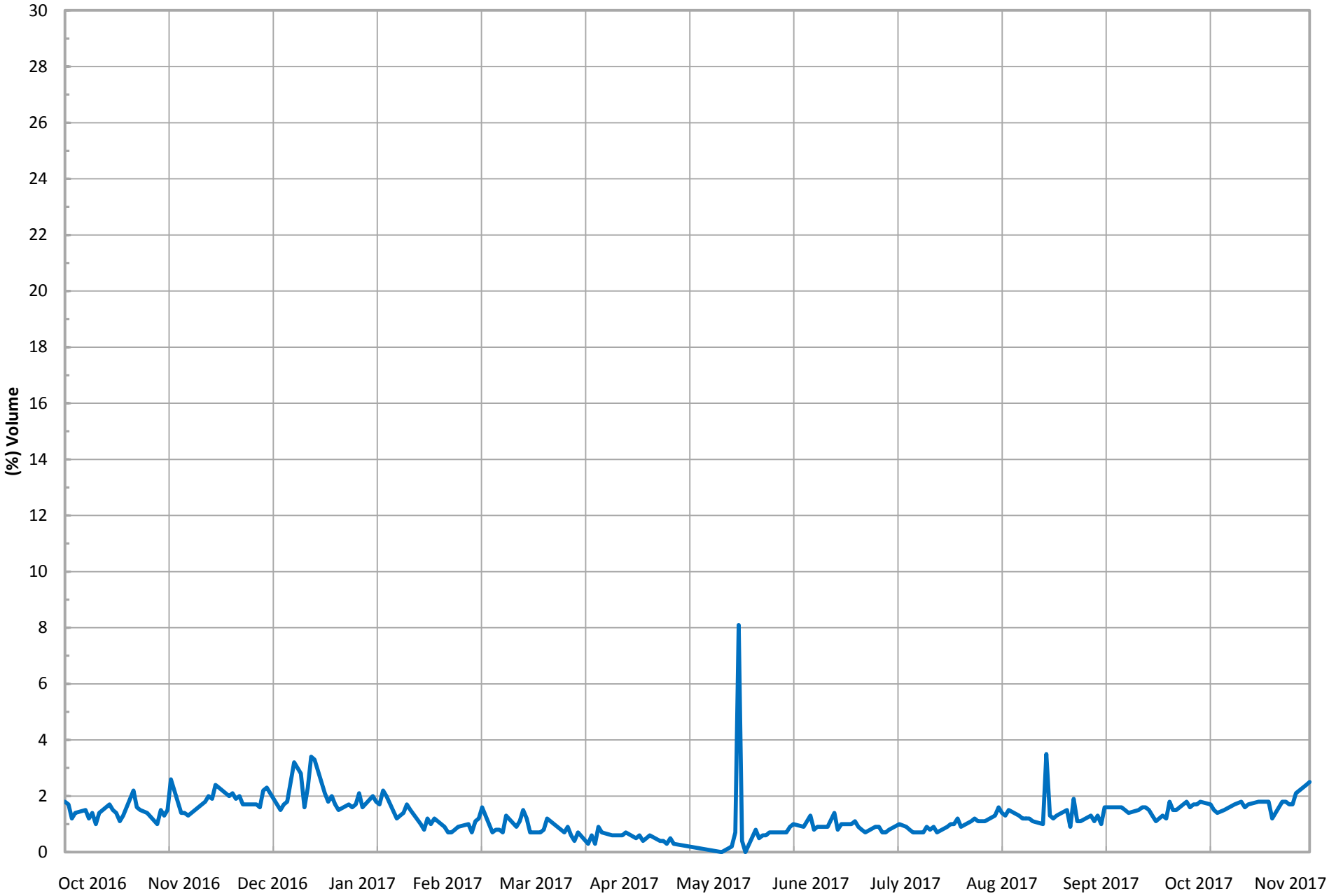
North Quarry Inlet Methane (Field Data)*



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

BRIDGETON LANDFILL

North Quarry Inlet Oxygen (Field Data)*



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

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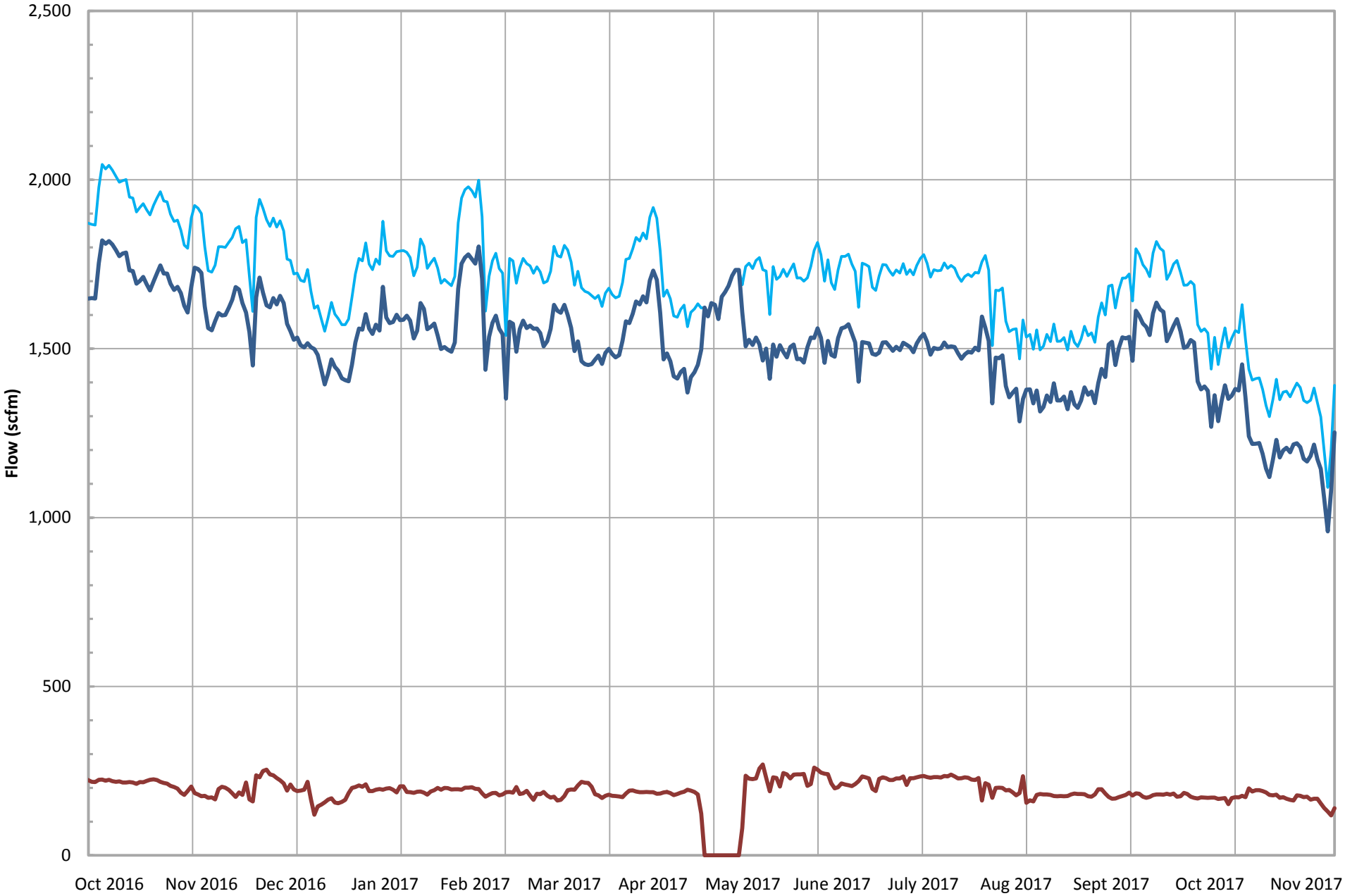
Total Combined Flow (scfm)*



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

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