

Daily Flare Monitoring Data - Bridgeton Landfill
September 2016

| 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*** | |
| 9/1/2016 | 2,260 | 0 | 0 | 307 | 2,566 |
| 9/2/2016 | 2,228 | 0 | 0 | 304 | 2,532 |
| 9/3/2016 | 2,245 | 0 | 0 | 308 | 2,554 |
| 9/4/2016 | 2,263 | 0 | 0 | 310 | 2,572 |
| 9/5/2016 | 2,272 | 0 | 0 | 312 | 2,584 |
| 9/6/2016 | 2,060 | 0 | 0 | 318 | 2,379 |
| 9/7/2016 | 1,917 | 0 | 0 | 323 | 2,240 |
| 9/8/2016 | 1,993 | 0 | 0 | 312 | 2,305 |
| 9/9/2016 | 2,063 | 0 | 0 | 317 | 2,380 |
| 9/10/2016 | 1,988 | 0 | 0 | 299 | 2,287 |
| 9/11/2016 | 2,023 | 0 | 0 | 311 | 2,334 |
| 9/12/2016 | 1,993 | 0 | 0 | 323 | 2,315 |
| 9/13/2016 | 1,986 | 0 | 0 | 328 | 2,314 |
| 9/14/2016 | 1,964 | 0 | 0 | 333 | 2,297 |
| 9/15/2016 | 1,938 | 0 | 0 | 354 | 2,292 |
| 9/16/2016 | 1,884 | 0 | 0 | 376 | 2,261 |
| 9/17/2016 | 1,917 | 0 | 0 | 374 | 2,291 |
| 9/18/2016 | 1,919 | 0 | 0 | 377 | 2,295 |
| 9/19/2016 | 1,925 | 0 | 0 | 380 | 2,305 |
| 9/20/2016 | 1,939 | 0 | 0 | 380 | 2,319 |
| 9/21/2016 | 1,932 | 0 | 0 | 380 | 2,312 |
| 9/22/2016 | 1,925 | 0 | 0 | 376 | 2,301 |
| 9/23/2016 | 1,921 | 0 | 0 | 364 | 2,285 |
| 9/24/2016 | 1,899 | 0 | 0 | 376 | 2,275 |
| 9/25/2016 | 1,880 | 0 | 0 | 373 | 2,253 |
| 9/26/2016 | 1,856 | 0 | 0 | 358 | 2,214 |
| 9/27/2016 | 1,921 | 0 | 0 | 362 | 2,283 |
| 9/28/2016 | 1,987 | 0 | 0 | 334 | 2,321 |
| 9/29/2016 | 1,912 | 0 | 0 | 320 | 2,232 |
| 9/30/2016 | 1,813 | 0 | 0 | 303 | 2,116 |
| | | | | Average | 2,334 |

* 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: |
|-----------|------|------|------|------|------|----------|--|
| 9/1/2015 | 7.9 | 29.7 | 10.3 | 41.7 | 9.2 | 870 | Gas concentrations based on average of FL-100, FL-120, and FL-140 |
| 10/6/2015 | 9.4 | 33.3 | 9.0 | 37.0 | 9.9 | 933 | Gas concentrations based on average of FL-100, FL-120, and FL-140 |
| 11/3/2015 | 10.7 | 37.3 | 7.6 | 32.3 | 10.7 | 1100 | Gas concentrations based on average of FL-100, FL-120, and FL-140 |
| 12/1/2015 | 10.6 | 36.2 | 8.1 | 33.6 | 10.5 | 1000 | Gas concentrations based on average of Blower Outlet 1 and Blower Outlet 2 |
| 1/5/2016 | 11.2 | 37.6 | 7.7 | 32.1 | 10.7 | 1000 | Gas concentrations based on average of Blower Outlet 1 and Blower Outlet 2 |
| 2/2/2016 | 11.8 | 37.7 | 7.8 | 31.0 | 10.9 | 1050 | Gas concentrations based on average of Blower Outlet 1 and Blower Outlet 2 |
| 3/2/2016 | 10.7 | 34.6 | 8.8 | 35.3 | 9.6 | 910 | Gas concentrations based on gas concentration in Outlet B |
| 4/12/2016 | 8.2 | 37.0 | 8.1 | 35.0 | 10.5 | 1050 | Gas concentrations based on average of Blower Outlet 1 and Blower Outlet 2 |
| 5/3/2016 | 9.2 | 41.3 | 6.3 | 29.5 | 12.4 | 1200 | Gas concentrations based on average of Blower Outlet 1 and Blower Outlet 2 |
| 6/7/2016 | 8.8 | 40.3 | 6.9 | 30.5 | 12.1 | 1200 | Gas concentrations based on average of Blower Outlet 1 and Blower Outlet 2 |
| 7/5/2016 | 9.5 | 41.2 | 6.5 | 29.0 | 12.1 | 1100 | Gas concentrations based on gas concentration in Blower Outlet B |
| 8/9/2016 | 10.1 | 39.3 | 6.8 | 30.7 | 11.4 | 1100 | Gas concentrations based on average of Blower Outlet A and Blower Outlet B |
| 9/7/2016 | 8.7 | 39.4 | 6.9 | 31.9 | 11.4 | 940 | Gas concentrations based on average of Blower Outlet A and Blower Outlet B |
| 10/4/2016 | 9.6 | 41.6 | 6.0 | 28.8 | 12.4 | 1000 | Gas concentrations based on average of SQ OU 1 and SQ OU 2 |

North Quarry

| Date | CH4 | CO2 | O2 | N2 | H2 | CO (ppm) | Comments: |
|-----------|------|------|------|------|----|----------|---|
| 4/12/2016 | 47.0 | 38.0 | 1.75 | 11.5 | ND | 47.5 | Gas concentrations based on average of NQ EP14 and EP14 2 |
| 5/3/2016 | 49.0 | 37.2 | ND | 11.8 | ND | ND | Gas concentrations based on average of NQ EP14 1 and EP14 2 |
| 6/7/2016 | 41.0 | 33.1 | 3.5 | 21.5 | ND | ND | Gas concentrations based on average of NQ EP14 1 and EP14 2 |
| 7/5/2016 | 47.3 | 36.2 | 2.8 | 13.3 | ND | ND | Gas concentrations based on average of NQ EP14 A and EP14 B |
| 8/9/2016 | 51.3 | 38.5 | 1.0 | 7.8 | ND | ND | Gas concentrations based on average of NQ EP14 A and EP14 B |
| 9/7/2016 | 49.2 | 37.6 | 2.0 | 10.3 | ND | ND | Gas concentrations based on average of NQ EP14 A and EP14 B |
| 10/4/2016 | 46.1 | 35.8 | 2.3 | 14.9 | ND | ND | Gas concentrations based on average of NQ EP14 A and EP14 B |

| Date | South Quarry | | | | | | North Quarry | | | | | | Flare Sta #2 FL-100 | Flare Sta #3 FL-120 | Flare Sta #1 FL-140 | Main Flare Station Total Utility Flare Flow | Aux. Utility Flare Flow (scfm) | Total Flow |
|------------|--------------|------|------|------|-------------|---------------------------|--------------|-----|----|------|-----------------|---------------------------|------------------------|------------------------|------------------------|--|-----------------------------------|------------|
| | CH4 | CO2 | O2 | Bal. | Press./Vac. | Gas Inlet Temp (°F) | CH4 | CO2 | O2 | Bal. | Press./V ac. | Gas Inlet Temp (°F) | Flow (scfm) | Flow (scfm) | Flow (scfm) | Flow (scfm) | Flow (scfm) | scfm |
| | | | | | | | | | | | | | | | | | | |
| 9/1/2015 | 15.5 | 29.9 | 11 | 43.6 | 23.93 | 122 | | | | | | | 1408 | 1319 | 1605 | 4332 | | 4332 |
| 9/2/2015 | 10.2 | 33.4 | 9.2 | 47.2 | 22.38 | 119 | | | | | | | 1393 | 1330 | 1621 | 4345 | | 4345 |
| 9/3/2015 | 9.6 | 31.8 | 9.9 | 48.7 | 21.46 | 132 | | | | | | | 1433 | 1305 | 1637 | 4375 | | 4375 |
| 9/4/2015 | 9.4 | 33.6 | 9.8 | 47.2 | 21.61 | 131 | | | | | | | 1216 | 1216 | 1576 | 4008 | | 4008 |
| 9/5/2015 | | | | | | | | | | | | | 1334 | 1341 | 1594 | 4269 | | 4269 |
| 9/6/2015 | | | | | | | | | | | | | 1365 | 1281 | 1641 | 4287 | | 4287 |
| 9/7/2015 | | | | | | | | | | | | | 1244 | 1251 | 1603 | 4099 | | 4099 |
| 9/8/2015 | 10.4 | 35.2 | 9 | 45.4 | 20.57 | 122 | | | | | | | 1061 | 1323 | 1569 | 3953 | | 3953 |
| 9/9/2015 | 10 | 34.5 | 9.3 | 46.2 | 20.02 | 115 | | | | | | | 1090 | 1251 | 1514 | 3854 | | 3854 |
| 9/10/2015 | 9.6 | 32.9 | 10 | 47.5 | 17.28 | 120 | | | | | | | 1272 | 1348 | 1625 | 4245 | | 4245 |
| 9/11/2015 | 8.7 | 29.7 | 10.9 | 50.7 | 19.11 | 108 | | | | | | | 1320 | 1336 | 1569 | 4225 | | 4225 |
| 9/12/2015 | | | | | | | | | | | | | 1265 | 1317 | 1586 | 4168 | | 4168 |
| 9/13/2015 | | | | | | | | | | | | | 1294 | 1296 | 1574 | 4163 | | 4163 |
| 9/14/2015 | 8.9 | 29.8 | 10.4 | 50.9 | 20.82 | 103 | | | | | | | 1480 | 1102 | 1575 | 4158 | | 4158 |
| 9/15/2015 | 9.3 | 31 | 10.3 | 49.4 | 21.77 | 109 | | | | | | | 1660 | 1025 | 1236 | 3920 | | 3920 |
| 9/16/2015 | 9.5 | 30 | 10.4 | 50.1 | 20.18 | 109 | | | | | | | 1136 | 822 | 1898 | 3857 | | 3857 |
| 9/17/2015 | 9.6 | 30.6 | 10.1 | 49.7 | 19.7 | 115 | | | | | | | 1384 | 867 | 1606 | 3857 | | 3857 |
| 9/18/2015 | 10 | 31.8 | 9.7 | 48.5 | 19.27 | 120 | | | | | | | 1359 | 1133 | 1689 | 4180 | | 4180 |
| 9/19/2015 | | | | | | | | | | | | | 1200 | 1122 | 1667 | 3989 | | 3989 |
| 9/20/2015 | | | | | | | | | | | | | 1225 | 1100 | 1664 | 3989 | | 3989 |
| 9/21/2015 | 10 | 32.6 | 9.4 | 48 | 19.45 | 105 | | | | | | | 1200 | 1063 | 1737 | 4000 | | 4000 |
| 9/22/2015 | 10.4 | 35 | 8.9 | 45.7 | 18.99 | 107 | | | | | | | 922 | 1030 | 1824 | 3776 | | 3776 |
| 9/23/2015 | 11.2 | 35.3 | 8.3 | 45.2 | 18.78 | 104 | | | | | | | 1013 | 961 | 1730 | 3704 | | 3704 |
| 9/24/2015 | 10.3 | 33.2 | 9.1 | 47.4 | 21.22 | 109 | | | | | | | 890 | 1151 | 1607 | 3648 | | 3648 |
| 9/25/2015 | 10.6 | 32 | 10.1 | 47.3 | 22.59 | 107 | | | | | | | 1356 | 999 | 1570 | 3925 | | 3925 |
| 9/26/2015 | | | | | | | | | | | | | 1314 | 1025 | 1575 | 3914 | | 3914 |
| 9/27/2015 | | | | | | | | | | | | | 1259 | 1084 | 1543 | 3886 | | 3886 |
| 9/28/2015 | 10.1 | 32.6 | 9.4 | 47.9 | 20.24 | 71.7 | | | | | | | 1243 | 1091 | 1492 | 3827 | | 3827 |
| 9/29/2015 | 9.9 | 30.3 | 9.4 | 50.4 | 22.89 | 115 | | | | | | | 1177 | 1022 | 1587 | 3786 | | 3786 |
| 9/30/2015 | 10.4 | 32.7 | 9.4 | 47.5 | 23.41 | 101 | | | | | | | 1163 | 999 | 1643 | 3805 | | 3805 |
| 10/1/2015 | 10 | 33.2 | 10.1 | 46.7 | 22.95 | 87 | | | | | | | 1187 | 1162 | 1382 | 3731 | | 3731 |
| 10/2/2015 | 10.1 | 33.1 | 9.6 | 47.2 | 27.26 | 88 | | | | | | | 969 | 1121 | 1421 | 3512 | 208 | 3720 |
| 10/3/2015 | | | | | | | | | | | | | 1306 | 1132 | 1294 | 3732 | | 3732 |
| 10/4/2015 | | | | | | | | | | | | | 1338 | 1338 | 1269 | 3945 | | 3945 |
| 10/5/2015 | 9.9 | 33.1 | 9.9 | 47.1 | 23.72 | 100 | | | | | | | 1436 | 1193 | 1245 | 3874 | | 3874 |
| 10/6/2015 | 9.8 | 31.9 | 9.9 | 48.4 | 24.27 | 105 | | | | | | | 1458 | 1079 | 1184 | 3721 | | 4293 |
| 10/7/2015 | 10.7 | 35.4 | 8.7 | 45.2 | 20.91 | 103 | | | | | | | 1334 | 1067 | 1213 | 3614 | 572 | 3614 |
| 10/8/2015 | 11.4 | 33.9 | 8.5 | 46.2 | 18.5 | 97 | | | | | | | 323 | 1412 | 1684 | 3418 | | 3418 |
| 10/9/2015 | 10.9 | 35.4 | 8.3 | 45.4 | 25.85 | 67.2 | | | | | | | 0 | 1694 | 1759 | 3453 | | 3453 |
| 10/10/2015 | | | | | | | | | | | | | 0 | 1692 | 1775 | 3467 | | 3467 |
| 10/11/2015 | | | | | | | | | | | | | 0 | 1672 | 1776 | 3448 | | 3448 |
| 10/12/2015 | 11.6 | 37.5 | 7.8 | 43.1 | 25.3 | 99 | | | | | | | 0 | 1624 | 1764 | 3388 | | 3388 |
| 10/13/2015 | 10.8 | 37 | 8.4 | 43.8 | 24.91 | 60.2 | | | | | | | 0 | 1551 | 1713 | 3264 | | 3264 |
| 10/14/2015 | 11.6 | 38.7 | 7.8 | 41.9 | 22.47 | 89 | | | | | | | 0 | 1531 | 1711 | 3242 | | 3242 |
| 10/15/2015 | 11.5 | 38.3 | 7.9 | 42.3 | 24.36 | 87 | | | | | | | 0 | 1561 | 1656 | 3217 | | 3217 |
| 10/16/2015 | 10.5 | 37 | 8.7 | 43.8 | 22.34 | 49.6 | | | | | | | 0 | 1600 | 1610 | 3209 | | 3209 |
| 10/17/2015 | | | | | | | | | | | | | 0 | 1626 | 1576 | 3202 | | 3202 |
| 10/18/2015 | | | | | | | | | | | | | 0 | 1613 | 1606 | 3218 | | 3218 |
| 10/19/2015 | 10.9 | 36.8 | 8.6 | 43.7 | 22.89 | 79 | | | | | | | 0 | 1585 | 1667 | 3251 | | 3251 |
| 10/20/2015 | 13.1 | 40.1 | 6.6 | 40.2 | 27.2 | 107 | | | | | | | 78 | 742 | 2246 | 3065 | | 3065 |
| 10/21/2015 | 12.5 | 36.3 | 8.7 | 42.5 | 27.78 | 99 | | | | | | | 0 | 1827 | 1927 | 3754 | | 3754 |
| 10/22/2015 | 11.8 | 34.3 | 8.7 | 45.2 | 25.49 | 103 | | | | | | | 0 | 1949 | 1830 | 3779 | | 3779 |
| 10/23/2015 | 12 | 33.1 | 8.5 | 46.4 | 29.7 | 103 | | | | | | | 0 | 1985 | 1728 | 3713 | | 3713 |
| 10/24/2015 | | | | | | | | | | | | | 0 | 2047 | 1614 | 3660 | | 3660 |
| 10/25/2015 | | | | | | | | | | | | | 0 | 2160 | 1479 | 3639 | | 3639 |
| 10/26/2015 | 10.7 | 32.7 | 9.6 | 47 | 24.39 | 82 | | | | | | | 0 | 1983 | 1637 | 3620 | | 3620 |
| 10/27/2015 | 10.7 | 35.9 | 8.8 | 44.6 | 23.38 | 58.5 | | | | | | | 0 | 2207 | 1214 | 3420 | | 3420 |
| 10/28/2015 | 10.7 | 35.6 | 9.5 | 44.2 | 27.72 | 68 | | | | | | | 0 | 1744 | 1560 | 3304 | | 3304 |
| 10/29/2015 | 10.7 | 36.7 | 9 | 43.6 | 24.66 | 59.1 | | | | | | | 0 | 1824 | 1617 | 3441 | | 3441 |
| 10/30/2015 | 10.5 | 34.7 | 9 | 45.8 | 26.83 | 84 | | | | | | | 0 | 1875 | 1706 | 3581 | | 3581 |
| 10/31/2015 | | | | | | | | | | | | | 0 | 1865 | 1649 | 3514 | | 3514 |

| Date | South Quarry | | | | | | North Quarry | | | | | | Flare Sta #2 FL-100 | Flare Sta #3 FL-120 | Flare Sta #1 FL-140 | Main Flare Station Total Utility Flare Flow | Aux. Utility Flare Flow (scfm) | Total Flow |
|------------|--------------|------|------|------|-------------|---------------------------|--------------|-----|----|------|-----------------|---------------------------|------------------------|------------------------|------------------------|--|-----------------------------------|------------|
| | CH4 | CO2 | O2 | Bal. | Press./Vac. | Gas Inlet Temp (°F) | CH4 | CO2 | O2 | Bal. | Press./V ac. | Gas Inlet Temp (°F) | Flow (scfm) | Flow (scfm) | Flow (scfm) | Flow (scfm) | Flow (scfm) | scfm |
| 11/1/2015 | | | | | | | | | | | | 0 | 1,864 | 1,709 | 3,573 | | 3573 | |
| 11/2/2015 | 10.1 | 31.6 | 10 | 48.3 | 33.66 | 95 | | | | | | 0 | 1,879 | 1,859 | 3,738 | | 3738 | |
| 11/3/2015 | 10.4 | 35.6 | 9.5 | 44.5 | 25.34 | 80 | | | | | | 0 | 1,682 | 1,755 | 3,438 | 0 | 3438 | |
| 11/4/2015 | 11.3 | 34.6 | 8.8 | 45.3 | 28.27 | 95 | | | | | | 0 | 1,624 | 1,723 | 3,347 | | 3347 | |
| 11/5/2015 | 11.4 | 37.1 | 8.3 | 43.2 | 24.45 | 94.1 | | | | | | 0 | 1,645 | 1,558 | 3,203 | | 3203 | |
| 11/6/2015 | 10.8 | 37.4 | 8.4 | 43.4 | 22.38 | 78 | | | | | | 0 | 1,628 | 1,487 | 3,115 | | 3115 | |
| 11/7/2015 | | | | | | | | | | | | 0 | 1,737 | 1,537 | 3,274 | | 3274 | |
| 11/8/2015 | | | | | | | | | | | | 0 | 1,736 | 1,564 | 3,300 | | 3300 | |
| 11/9/2015 | 11.4 | 35.4 | 8.8 | 44.4 | 25.79 | 72 | | | | | | 0 | 773 | 2,524 | 3,297 | | 3297 | |
| 11/10/2015 | 11.6 | 35.9 | 8.3 | 44.2 | 32.2 | 99 | | | | | | 0 | 0 | 2,463 | 2,463 | 65 | 2528 | |
| 11/11/2015 | 11.5 | 35.2 | 8.6 | 44.7 | 20.37 | 94 | | | | | | 0 | 0 | 3,553 | 3,553 | 27 | 3580 | |
| 11/12/2015 | 9.7 | 31.7 | 10.2 | 48.4 | 22.2 | 88 | | | | | | 0 | 0 | 2,571 | 2,571 | 480 | 3051 | |
| 11/13/2015 | 9.9 | 32.6 | 9.6 | 47.9 | 21.65 | 72 | | | | | | 0 | 0 | 3,608 | 3,608 | | 3608 | |
| 11/14/2015 | | | | | | | | | | | | 0 | 0 | 3,528 | 3,528 | | 3528 | |
| 11/15/2015 | | | | | | | | | | | | 0 | 0 | 3,506 | 3,506 | | 3506 | |
| 11/16/2015 | 10.3 | 33.3 | 9.5 | 46.9 | 20.49 | 74 | | | | | | 0 | 0 | 3,522 | 3,522 | | 3522 | |
| 11/17/2015 | 10.9 | 34.3 | 9.1 | 45.7 | 20.61 | 81 | | | | | | 0 | 0 | 3,542 | 3,542 | | 3542 | |
| 11/18/2015 | 11.1 | 34.2 | 9.1 | 45.6 | 20.37 | 81 | | | | | | 0 | 0 | 3,486 | 3,486 | 4 | 3489 | |
| 11/19/2015 | 10 | 32.6 | 10.1 | 47.3 | 21.06 | 72 | | | | | | 0 | 0 | 3,526 | 3,526 | | 3526 | |
| 11/20/2015 | 10 | 31.3 | 10.1 | 48.6 | 21.31 | 65 | | | | | | 0 | 0 | 3,249 | 3,249 | 19 | 3268 | |
| 11/21/2015 | | | | | | | | | | | | 0 | 0 | 3,827 | 3,827 | | 3827 | |
| 11/22/2015 | | | | | | | | | | | | 0 | 0 | 3,752 | 3,752 | | 3752 | |
| 11/23/2015 | 10.4 | 30.7 | 10.5 | 48.4 | 25.58 | 80 | | | | | | 0 | 0 | 3,723 | 3,723 | 24 | 3747 | |
| 11/24/2015 | 10.5 | 31.6 | 10.2 | 47.7 | 22.28 | 83 | | | | | | 0 | 0 | 3,434 | 3,434 | | 3434 | |
| 11/25/2015 | 11.9 | 43.5 | 7.5 | 37.1 | 18.74 | 69 | | | | | | 396 | 0 | 2,778 | 3,174 | | 3174 | |
| 11/26/2015 | | | | | | | | | | | | 1,679 | 0 | 1,581 | 3,260 | | 3260 | |
| 11/27/2015 | 11.1 | 37.4 | 8.6 | 42.9 | 27.05 | 50.5 | | | | | | 1,478 | 0 | 1,684 | 3,162 | | 3162 | |
| 11/28/2015 | | | | | | | | | | | | 1,452 | 0 | 1,297 | 2,749 | 344 | 3092 | |
| 11/29/2015 | | | | | | | | | | | | 1,404 | 0 | 1,550 | 2,954 | | 2954 | |
| 11/30/2015 | 12.6 | 40.5 | 7.6 | 39.3 | 30 | 74 | | | | | | 493 | 0 | 2,582 | 3,076 | 2 | 3078 | |
| 12/1/2015 | 12.3 | 39.7 | 7.6 | 40.4 | 14.41 | 71 | | | | | | 0 | 0 | 3,009 | 3,009 | 22 | 3,031 | |
| 12/2/2015 | 12.7 | 40.1 | 7.1 | 40.1 | 12.68 | 56 | | | | | | 829 | 0 | 2,025 | 2,853 | | 2,853 | |
| 12/3/2015 | 11.8 | 39.4 | 7.7 | 41.1 | 22.47 | 62 | | | | | | 1,217 | 0 | 1,605 | 2,822 | | 2,822 | |
| 12/4/2015 | 12.1 | 39.8 | 7.7 | 40.4 | 24.1 | 64 | | | | | | 1,331 | 0 | 1,646 | 2,977 | | 2,977 | |
| 12/5/2015 | | | | | | | | | | | | 1,334 | 0 | 1,668 | 3,001 | | 3,001 | |
| 12/6/2015 | | | | | | | | | | | | 1,317 | 0 | 1,646 | 2,963 | | 2,963 | |
| 12/7/2015 | 12 | 41.2 | 7.6 | 39.2 | 22.3 | 76 | | | | | | 1,344 | 0 | 1,629 | 2,973 | | 2,973 | |
| 12/8/2015 | 13.1 | 40.3 | 7.1 | 39.5 | 20.98 | 83 | | | | | | 555 | 0 | 2,262 | 2,817 | | 2,817 | |
| 12/9/2015 | 13.8 | 40.3 | 7.2 | 38.7 | 50 | 93 | | | | | | 0 | 0 | 3,067 | 3,067 | | 3,067 | |
| 12/10/2015 | 12.5 | 39.6 | 7.8 | 40.1 | 54.2 | 98 | | | | | | 0 | 0 | 3,302 | 3,302 | | 3,302 | |
| 12/11/2015 | 11.5 | 37.2 | 8.8 | 42.5 | 60.5 | 100 | | | | | | 0 | 0 | 2,539 | 2,539 | | 2,539 | |
| 12/12/2015 | | | | | | | | | | | | 0 | 0 | 1,852 | 1,852 | | 1,852 | |
| 12/13/2015 | | | | | | | | | | | | 0 | 0 | 3,145 | 3,145 | | 3,145 | |
| 12/14/2015 | 12.6 | 40.5 | 7.4 | 39.5 | 20.3 | 75 | | | | | | 0 | 0 | 2,776 | 2,776 | 277 | 3,053 | |
| 12/15/2015 | 10.5 | 33.9 | 9.5 | 46.1 | 38.05 | 87 | | | | | | 0 | 0 | 2,811 | 2,811 | 372 | 3,183 | |
| 12/16/2015 | 12.8 | 40.9 | 7.5 | 38.8 | 26.4 | 100 | | | | | | 0 | 0 | 2,998 | 2,998 | | 2,998 | |
| 12/17/2015 | 11.5 | 36.4 | 9 | 43.1 | 22.1 | 65 | | | | | | 0 | 0 | 2,923 | 2,923 | | 2,923 | |
| 12/18/2015 | 11 | 33.9 | 9.3 | 45.8 | 19.05 | 58 | | | | | | 0 | 0 | 2,875 | 2,875 | | 2,875 | |
| 12/19/2015 | | | | | | | | | | | | 0 | 0 | 3,046 | 3,046 | | 3,046 | |
| 12/20/2015 | | | | | | | | | | | | 0 | 0 | 2,949 | 2,949 | | 2,949 | |
| 12/21/2015 | 12 | 36.4 | 8.2 | 43.4 | 27.68 | 102 | | | | | | 0 | 0 | 2,760 | 2,760 | 342 | 3,101 | |
| 12/22/2015 | 11.8 | 38.5 | 8.7 | 41 | 19.2 | 77 | | | | | | 0 | 0 | 2,980 | 2,980 | 29 | 3,008 | |
| 12/23/2015 | 12.1 | 37.7 | 7.8 | 42.4 | 19.39 | 83 | | | | | | 0 | 0 | 3,091 | 3,091 | | 3,091 | |
| 12/24/2015 | 11.1 | 36.1 | 9.4 | 43.4 | 19.02 | 60.8 | | | | | | 0 | 0 | 3,052 | 3,052 | | 3,052 | |
| 12/25/2015 | | | | | | | | | | | | 0 | 0 | 3,067 | 3,067 | | 3,067 | |
| 12/26/2015 | | | | | | | | | | | | 0 | 0 | 1,764 | 1,764 | | 1,764 | |
| 12/27/2015 | | | | | | | | | | | | 0 | 0 | 1,583 | 1,583 | | 1,583 | |
| 12/28/2015 | 13.5 | 39.3 | 7.7 | 39.5 | 16.48 | 66 | | | | | | 0 | 0 | 1,821 | 1,821 | 224 | 2,044 | |
| 12/29/2015 | 10.6 | 31.2 | 10.4 | 47.8 | 20.7 | 66 | | | | | | 0 | 0 | 3,013 | 3,013 | | 3,013 | |
| 12/30/2015 | 10.5 | 36.2 | 9.5 | 43.8 | 17.46 | 32.1 | | | | | | 0 | 0 | 2,900 | 2,900 | | 2,900 | |
| 12/31/2015 | 10.2 | 30.4 | 10.7 | 48.7 | 21.06 | 66 | | | | | | 0 | 0 | 3,185 | 3,185 | | 3,185 | |

| Date | South Quarry | | | | | | North Quarry | | | | | | Flare Sta #2 FL-100 | Flare Sta #3 FL-120 | Flare Sta #1 FL-140 | Main Flare Station Total Utility Flare Flow | Aux. Utility Flare Flow (scfm) | Total Flow |
|-----------|--------------|------|------|------|-------------|---------------------------|--------------|-----|----|------|-----------------|---------------------------|------------------------|------------------------|------------------------|--|-----------------------------------|------------|
| | CH4 | CO2 | O2 | Bal. | Press./Vac. | Gas Inlet Temp (°F) | CH4 | CO2 | O2 | Bal. | Press./V ac. | Gas Inlet Temp (°F) | Flow (scfm) | Flow (scfm) | Flow (scfm) | Flow (scfm) | Flow (scfm) | scfm |
| 1/1/2016 | | | | | | | | | | | | 0 | 0 | 3,193 | 3,193 | | 3,193 | |
| 1/2/2016 | | | | | | | | | | | | 0 | 0 | 3,197 | 3,197 | | 3,197 | |
| 1/3/2016 | | | | | | | | | | | | 0 | 0 | 3,116 | 3,116 | | 3,116 | |
| 1/4/2016 | 10.7 | 30.8 | 10.3 | 48.2 | 19.45 | 62 | | | | | | 0 | 0 | 3,043 | 3,043 | | 3,043 | |
| 1/5/2016 | 12.5 | 34.5 | 8.1 | 44.9 | 16.4 | 57 | | | | | | 0 | 0 | 2,957 | 2,957 | | 2,980 | |
| 1/6/2016 | 12.1 | 35.4 | 8.5 | 44 | 18.05 | 66 | | | | | | 0 | 0 | 2,687 | 2,687 | 427 | 3,115 | |
| 1/7/2016 | 12.2 | 37.1 | 8.4 | 42.3 | 18.19 | 70 | | | | | | 0 | 0 | 2,929 | 2,929 | 242 | 3,170 | |
| 1/8/2016 | 12.4 | 38.4 | 8.2 | 41 | 18.8 | 81 | | | | | | 0 | 0 | 3,098 | 3,098 | | 3,098 | |
| 1/9/2016 | 12.4 | 32.5 | 8.9 | 46.2 | 18.05 | 60 | | | | | | 0 | 0 | 3,040 | 3,040 | | 3,040 | |
| 1/10/2016 | 12.2 | 34.6 | 8.3 | 44.9 | 17.5 | 60 | | | | | | 0 | 0 | 2,945 | 2,945 | | 2,945 | |
| 1/11/2016 | 12.2 | 33.5 | 8.4 | 45.9 | 17.26 | 20.9 | | | | | | 0 | 0 | 2,983 | 2,983 | | 2,983 | |
| 1/12/2016 | 12.7 | 32.7 | 8.7 | 45.9 | 17.03 | 25.4 | | | | | | 0 | 0 | 2,957 | 2,957 | | 2,957 | |
| 1/13/2016 | 12.7 | 35.1 | 8.9 | 43.3 | 17.09 | 52 | | | | | | 0 | 0 | 2,968 | 2,968 | | 2,968 | |
| 1/14/2016 | 12.7 | 36.9 | 7.7 | 42.7 | 17.44 | 70 | | | | | | 0 | 0 | 2,981 | 2,981 | | 2,981 | |
| 1/15/2016 | 12.6 | 40 | 7.3 | 40.1 | 17.87 | 80 | | | | | | 0 | 0 | 2,973 | 2,973 | | 2,973 | |
| 1/16/2016 | | | | | | | | | | | | 0 | 0 | 2,985 | 2,985 | | 2,985 | |
| 1/17/2016 | | | | | | | | | | | | 0 | 0 | 3,006 | 3,006 | | 3,006 | |
| 1/18/2016 | 12.1 | 33.6 | 10 | 44.3 | 16.12 | 37 | | | | | | 0 | 0 | 2,970 | 2,970 | | 2,970 | |
| 1/19/2016 | 10.9 | 34.6 | 10 | 44.5 | 35.59 | 58 | | | | | | 0 | 0 | 2,930 | 2,930 | 28 | 2,958 | |
| 1/20/2016 | 11.2 | 33.1 | 9.5 | 46.2 | 24.85 | 61 | | | | | | 0 | 0 | 2,986 | 2,986 | | 2,986 | |
| 1/21/2016 | 11.5 | 30.2 | 10.2 | 48.1 | 21.89 | 53 | | | | | | 0 | 0 | 2,977 | 2,977 | | 2,977 | |
| 1/22/2016 | 11.2 | 33.7 | 10 | 45.1 | 23.44 | 53 | | | | | | 0 | 0 | 3,029 | 3,029 | | 3,029 | |
| 1/23/2016 | | | | | | | | | | | | 0 | 0 | 3,065 | 3,065 | | 3,065 | |
| 1/24/2016 | | | | | | | | | | | | 0 | 0 | 3,070 | 3,070 | | 3,070 | |
| 1/25/2016 | 12.6 | 36.4 | 8.6 | 42.4 | 26.31 | 68 | | | | | | 0 | 0 | 2,952 | 2,952 | | 2,952 | |
| 1/26/2016 | 11.5 | 33.9 | 9 | 45.6 | 17.56 | 60 | | | | | | 0 | 0 | 2,909 | 2,909 | | 2,909 | |
| 1/27/2016 | 12.5 | 32.1 | 9 | 46.4 | 17.56 | 65 | | | | | | 0 | 0 | 2,934 | 2,934 | | 2,934 | |
| 1/28/2016 | 12.6 | 37 | 8.2 | 42.2 | 16.16 | 70 | | | | | | 0 | 0 | 2,848 | 2,848 | | 2,848 | |
| 1/29/2016 | 12.6 | 34.3 | 8.9 | 44.2 | 15.57 | 63 | | | | | | 0 | 0 | 2,836 | 2,836 | | 2,836 | |
| 1/30/2016 | | | | | | | | | | | | 0 | 0 | 2,830 | 2,830 | | 2,830 | |
| 1/31/2016 | | | | | | | | | | | | 0 | 0 | 2,805 | 2,805 | | 2,805 | |
| 2/1/2016 | 12.7 | 37.6 | 8 | 41.7 | 15.51 | 77 | | | | | | 0 | 0 | 2,846 | 2,846 | | 2,846 | |
| 2/2/2016 | 12.6 | 38.1 | 7.9 | 41.4 | 20.51 | 72 | | | | | | 0 | 0 | 2,899 | 2,899 | 11 | 2,910 | |
| 2/3/2016 | 11.2 | 35.2 | 9.5 | 44.1 | 22.79 | 70 | | | | | | 0 | 0 | 2,861 | 2,861 | | 2,861 | |
| 2/4/2016 | 11.4 | 36.1 | 8.6 | 43.9 | 29.18 | 56 | | | | | | 0 | 0 | 2,795 | 2,795 | | 2,795 | |
| 2/5/2016 | 11.5 | 37.7 | 8.4 | 42.4 | 28.27 | 59 | | | | | | 0 | 0 | 2,783 | 2,783 | | 2,783 | |
| 2/6/2016 | | | | | | | | | | | | 0 | 0 | 2,977 | 2,977 | 4 | 2,981 | |
| 2/7/2016 | | | | | | | | | | | | 0 | 0 | 2,986 | 2,986 | | 2,986 | |
| 2/8/2016 | 11.2 | 35.4 | 9.8 | 43.6 | 17.52 | 55 | | | | | | 0 | 0 | 3,047 | 3,047 | | 3,047 | |
| 2/9/2016 | 10.2 | 32.7 | 10.4 | 46.7 | 21.92 | 45 | | | | | | 0 | 0 | 3,137 | 3,137 | | 3,137 | |
| 2/10/2016 | 9.3 | 33.4 | 11.1 | 46.2 | 36.63 | 50 | | | | | | 0 | 0 | 2,812 | 2,812 | | 2,812 | |
| 2/11/2016 | 11.5 | 34.3 | 9.2 | 45 | 25.66 | 44 | | | | | | 0 | 0 | 2,849 | 2,849 | | 2,849 | |
| 2/12/2016 | 10.8 | 33.3 | 9.9 | 46 | 18.68 | 54 | | | | | | 0 | 0 | 2,934 | 2,934 | | 2,934 | |
| 2/13/2016 | | | | | | | | | | | | 0 | 0 | 2,898 | 2,898 | | 2,898 | |
| 2/14/2016 | | | | | | | | | | | | 0 | 0 | 2,904 | 2,904 | | 2,904 | |
| 2/15/2016 | 10.7 | 37 | 9.1 | 43.2 | 21.07 | 56 | | | | | | 0 | 0 | 2,912 | 2,912 | | 2,912 | |
| 2/16/2016 | 11.8 | 36.5 | 9 | 42.7 | 18.06 | 88 | | | | | | 0 | 0 | 2,850 | 2,850 | | 2,850 | |
| 2/17/2016 | 11.6 | 34 | 9.3 | 45.1 | 13.78 | 51 | | | | | | 0 | 0 | 2,788 | 2,788 | | 2,788 | |
| 2/18/2016 | 12.2 | 31.6 | 9.4 | 46.8 | 22.5 | 61 | | | | | | 0 | 0 | 2,987 | 2,987 | | 2,987 | |
| 2/19/2016 | 13.4 | 38.1 | 8.2 | 40.3 | 21.62 | 80 | | | | | | 0 | 0 | 2,943 | 2,943 | | 2,943 | |
| 2/20/2016 | | | | | | | | | | | | 0 | 0 | 2,951 | 2,951 | | 2,951 | |
| 2/21/2016 | | | | | | | | | | | | 0 | 0 | 2,872 | 2,872 | | 2,872 | |
| 2/22/2016 | 12.3 | 36.8 | 8.2 | 42.7 | 16.28 | 64 | | | | | | 0 | 0 | 2,793 | 2,793 | | 2,793 | |
| 2/23/2016 | 12.7 | 37.9 | 7.6 | 41.8 | 13.59 | 62 | | | | | | 0 | 0 | 2,863 | 2,863 | | 2,863 | |
| 2/24/2016 | 13.1 | 40.5 | 6.8 | 39.6 | 24.43 | 75 | | | | | | 0 | 0 | 2,925 | 2,925 | | 2,925 | |
| 2/25/2016 | 12.1 | 34.7 | 9.3 | 43.9 | 13.25 | 57 | | | | | | 0 | 0 | 2,900 | 2,900 | | 2,900 | |
| 2/26/2016 | 11.4 | 32.8 | 9.5 | 46.3 | 17.64 | 59 | | | | | | 0 | 0 | 2,929 | 2,929 | | 2,929 | |
| 2/27/2016 | | | | | | | | | | | | 0 | 0 | 2,984 | 2,984 | | 2,984 | |
| 2/28/2016 | | | | | | | | | | | | 0 | 0 | 2,960 | 2,960 | | 2,960 | |
| 2/29/2016 | 11.3 | 37.3 | 9.1 | 42.3 | 17.52 | 66 | | | | | | 0 | 0 | 2,900 | 2,900 | | 2,900 | |
| 3/1/2016 | | | | | | | | | | | | 0 | 0 | 2,852 | 2,852 | 24 | 2,876 | |

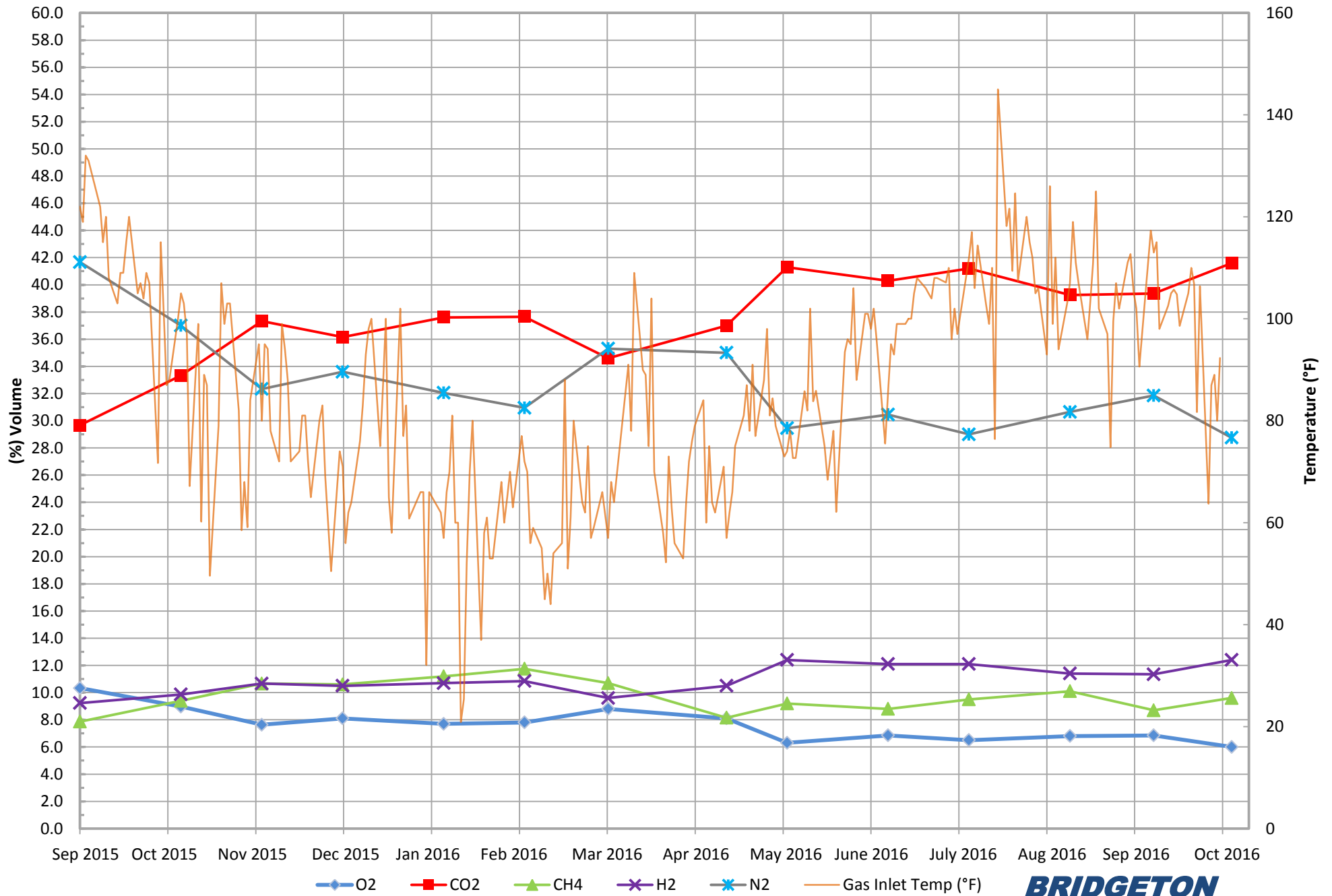
| Date | South Quarry | | | | | | North Quarry | | | | | | Flare Sta #2 FL-100 | Flare Sta #3 FL-120 | Flare Sta #1 FL-140 | Main Flare Station Total Utility Flare Flow | Aux. Utility Flare Flow (scfm) | Total Flow |
|-----------|--------------|------|------|------|-------------|---------------------------|--------------|------|-----|------|-----------------|---------------------------|------------------------|------------------------|------------------------|--|-----------------------------------|------------|
| | CH4 | CO2 | O2 | Bal. | Press./Vac. | Gas Inlet Temp (°F) | CH4 | CO2 | O2 | Bal. | Press./V ac. | Gas Inlet Temp (°F) | Flow (scfm) | Flow (scfm) | Flow (scfm) | Flow (scfm) | Flow (scfm) | scfm |
| 3/2/2016 | 10.9 | 34.6 | 9.7 | 44.8 | 30.8 | 57 | | | | | | 0 | 0 | 2,881 | 2,881 | | 2,881 | |
| 3/3/2016 | 11.7 | 35.6 | 9 | 43.7 | 31.33 | 68 | | | | | | 0 | 0 | 2,863 | 2,863 | | 2,863 | |
| 3/4/2016 | 11.1 | 32.6 | 9.6 | 46.7 | 30.28 | 64 | | | | | | 0 | 0 | 2,818 | 2,818 | | 2,818 | |
| 3/5/2016 | | | | | | | | | | | | 0 | 0 | 2,826 | 2,826 | | 2,826 | |
| 3/6/2016 | | | | | | | | | | | | 0 | 0 | 2,836 | 2,836 | | 2,836 | |
| 3/7/2016 | | | | | | | | | | | | 0 | 0 | 2,902 | 2,902 | | 2,902 | |
| 3/8/2016 | | | | | | | | | | | | 0 | 0 | 2,912 | 2,912 | | 2,912 | |
| 3/9/2016 | 12.2 | 37.1 | 8.4 | 42.3 | 32.37 | 91 | | | | | | 0 | 0 | 2,999 | 2,999 | | 2,999 | |
| 3/10/2016 | 11.3 | 35.1 | 8.9 | 44.7 | 33.68 | 78 | | | | | | 0 | 0 | 2,954 | 2,954 | | 2,954 | |
| 3/11/2016 | 11.4 | 34.2 | 9 | 45.4 | 39.68 | 109 | | | | | | 0 | 0 | 2,987 | 2,987 | | 2,987 | |
| 3/12/2016 | | | | | | | | | | | | 0 | 0 | 2,962 | 2,962 | | 2,962 | |
| 3/13/2016 | | | | | | | | | | | | 0 | 0 | 2,932 | 2,932 | | 2,932 | |
| 3/14/2016 | 11.9 | 36.3 | 8.4 | 43.4 | 34.66 | 90 | | | | | | 0 | 0 | 2,961 | 2,961 | 102 | 3,063 | |
| 3/15/2016 | 11.7 | 35.8 | 8.2 | 44.3 | 36.62 | 89 | | | | | | 0 | 427 | 2,602 | 3,028 | | 3,028 | |
| 3/16/2016 | 11.2 | 35.6 | 8.8 | 44.4 | 23.03 | 75 | | | | | | 0 | 1,646 | 1,281 | 2,927 | | 2,927 | |
| 3/17/2016 | 12.7 | 36.6 | 7.5 | 43.2 | 15.92 | 104 | | | | | | 0 | 1,587 | 1,325 | 2,912 | | 2,912 | |
| 3/18/2016 | 11.6 | 36.1 | 9.4 | 42.9 | 14.9 | 70 | 41.1 | 34 | 3.6 | 21.3 | 1.77 | 65.2 | 0 | 1,621 | 1,125 | 2,746 | 160 | 2,906 |
| 3/19/2016 | | | | | | | | | | | | 0 | 1,654 | 996 | 2,650 | 252 | 2,902 | |
| 3/20/2016 | | | | | | | | | | | | 0 | 1,525 | 1,095 | 2,621 | 251 | 2,871 | |
| 3/21/2016 | 7.3 | 31.6 | 11.1 | 50 | 15.55 | 58 | | | | | | 0 | 1,648 | 1,031 | 2,679 | 223 | 2,902 | |
| 3/22/2016 | 7.9 | 32.8 | 10.7 | 48.6 | 19.05 | 52.2 | | | | | | 0 | 1,161 | 1,354 | 2,515 | 237 | 2,751 | |
| 3/23/2016 | 8.7 | 39.5 | 8.2 | 43.6 | 18.93 | 73 | | | | | | 0 | 1,227 | 1,198 | 2,425 | 283 | 2,709 | |
| 3/24/2016 | 8.7 | 43.4 | 7.9 | 40 | 16.91 | 62.8 | | | | | | 0 | 1,307 | 1,125 | 2,432 | 275 | 2,707 | |
| 3/25/2016 | 8.2 | 39.7 | 9 | 43.1 | 17.93 | 56 | | | | | | 0 | 1,233 | 1,236 | 2,469 | 281 | 2,750 | |
| 3/26/2016 | | | | | | | | | | | | 0 | 1,219 | 1,231 | 2,450 | 285 | 2,735 | |
| 3/27/2016 | | | | | | | | | | | | 0 | 1,212 | 1,221 | 2,433 | 284 | 2,717 | |
| 3/28/2016 | 8.3 | 38.6 | 9.1 | 44 | 16.91 | 53 | 45 | 36.8 | 2.4 | 15.8 | 1.6 | 65.8 | 0 | 940 | 1,568 | 2,508 | 269 | 2,777 |
| 3/29/2016 | 8.2 | 38.7 | 9 | 44.1 | 24.02 | 64 | 49.3 | 33.5 | 1.8 | 15.4 | 1.49 | 84.2 | 0 | 1,255 | 1,370 | 2,625 | 243 | 2,868 |
| 3/30/2016 | 9.3 | 39.8 | 8.3 | 42.6 | 21.27 | 72 | | | | | | 0 | 1,398 | 1,186 | 2,584 | 271 | 2,855 | |
| 3/31/2016 | 9.3 | 39.1 | 8.7 | 42.9 | 20.97 | 76 | | | | | | 0 | 1,446 | 1,195 | 2,641 | 171 | 2,811 | |
| 4/1/2016 | 7.7 | 36.6 | 10.5 | 45.2 | 29.77 | 79 | | | | | | 0 | 509 | 2187 | 2696 | 230 | 2826 | |
| 4/2/2016 | | | | | | | | | | | | 0 | 0 | 2646 | 2646 | 325 | 2971 | |
| 4/3/2016 | | | | | | | | | | | | 0 | 0 | 2677 | 2677 | 328 | 3005 | |
| 4/4/2016 | 7.4 | 33.6 | 10.3 | 48 | 27.25 | 84 | | | | | | 0 | 0 | 2739 | 2739 | 321 | 3061 | |
| 4/5/2016 | 8.5 | 32.4 | 10.1 | 49 | 26.7 | 60 | | | | | | 0 | 0 | 2712 | 2712 | 325 | 3037 | |
| 4/6/2016 | 8.8 | 36.2 | 8.5 | 46.5 | 24.49 | 75 | | | | | | 0 | 722 | 1922 | 2644 | 298 | 2942 | |
| 4/7/2016 | 8 | 33.1 | 9.2 | 49.7 | 17.02 | 64 | 44.9 | 36.8 | 2.1 | 16.2 | 1.47 | 77.3 | 0 | 1260 | 1375 | 2635 | 262 | 2897 |
| 4/8/2016 | 8 | 35.8 | 9.4 | 46.8 | 18.68 | 62 | | | | | | 0 | 1286 | 1320 | 2606 | 253 | 2859 | |
| 4/9/2016 | | | | | | | | | | | | 0 | 1252 | 1355 | 2607 | 241 | 2849 | |
| 4/10/2016 | | | | | | | | | | | | 0 | 1229 | 1337 | 2567 | 225 | 2791 | |
| 4/11/2016 | 8.7 | 35.7 | 8.6 | 47 | 17.45 | 71 | | | | | | 0 | 1205 | 1307 | 2512 | 198 | 2710 | |
| 4/12/2016 | 8.5 | 38.8 | 9 | 43.7 | 16.24 | 57 | 46.5 | 39.4 | 1.4 | 12.7 | 0.25 | 80 | 0 | 1176 | 1355 | 2532 | 193 | 2725 |
| 4/13/2016 | 9.5 | 37 | 9 | 44.5 | 18.37 | 62 | | | | | | 0 | 1141 | 1362 | 2503 | 222 | 2725 | |
| 4/14/2016 | 8.4 | 40.2 | 8.5 | 42.9 | 16.7 | 66 | | | | | | 0 | 961 | 1384 | 2345 | 262 | 2607 | |
| 4/15/2016 | 9.4 | 43.2 | 7 | 40.4 | 18.05 | 75 | | | | | | 0 | 999 | 1241 | 2240 | 268 | 2508 | |
| 4/16/2016 | | | | | | | | | | | | 0 | 1083 | 1155 | 2238 | 269 | 2507 | |
| 4/17/2016 | | | | | | | | | | | | 0 | 1130 | 1148 | 2277 | 270 | 2547 | |
| 4/18/2016 | 9.5 | 42.7 | 6.9 | 40.9 | 18.01 | 81 | | | | | | 0 | 1160 | 1137 | 2297 | 273 | 2570 | |
| 4/19/2016 | 9.3 | 42.3 | 6.7 | 41.7 | 18.74 | 87 | 43.1 | 36 | 3.1 | 17.8 | 1.51 | 101.9 | 0 | 1183 | 1125 | 2308 | 279 | 2587 |
| 4/20/2016 | 9.4 | 40.6 | 7 | 43 | 17.77 | 78 | | | | | | 0 | 1166 | 1090 | 2256 | 271 | 2527 | |
| 4/21/2016 | 9.5 | 42 | 6.5 | 42 | 17.7 | 91 | 47.8 | 39 | 1.6 | 11.6 | 1.68 | 89.2 | 0 | 1128 | 1110 | 2238 | 270 | 2507 |
| 4/22/2016 | 9.5 | 42 | 6.7 | 41.8 | 18.07 | 77 | | | | | | 0 | 1135 | 1095 | 2230 | 248 | 2477 | |
| 4/23/2016 | | | | | | | | | | | | 0 | 1144 | 1114 | 2258 | 235 | 2493 | |
| 4/24/2016 | | | | | | | | | | | | 0 | 1123 | 1152 | 2275 | 235 | 2510 | |
| 4/25/2016 | 9.6 | 42.6 | 6.2 | 41.6 | 17.83 | 88 | | | | | | 0 | 1128 | 1162 | 2290 | 234 | 2524 | |
| 4/26/2016 | 9.7 | 42.9 | 6.2 | 41.2 | 18.74 | 98 | 47.5 | 39 | 1.8 | 11.7 | 1.38 | 97.8 | 0 | 532 | 1734 | 2266 | 227 | 2493 |
| 4/27/2016 | 9.4 | 42.7 | 6.4 | 41.5 | 19.17 | 81 | | | | | | 0 | 0 | 2312 | 2312 | 235 | 2547 | |
| 4/28/2016 | 9.9 | 40.1 | 6.9 | 43.1 | 21.8 | 84.4 | | | | | | 0 | 0 | 2445 | 2445 | 266 | 2711 | |
| 4/29/2016 | 9.6 | 41.8 | 6.8 | 41.8 | 20.94 | 79 | | | | | | 0 | 0 | 2484 | 2484 | 273 | 2757 | |
| 4/30/2016 | | | | | | | | | | | | 0 | 0 | 2409 | 2409 | 262 | 2670 | |
| 5/1/2016 | | | | | | | | | | | | 0 | 0 | 2424 | 2424 | 253 | 2676 | |

| Date | South Quarry | | | | | | North Quarry | | | | | | Flare Sta #2 FL-100 | Flare Sta #3 FL-120 | Flare Sta #1 FL-140 | Main Flare Station Total Utility Flare Flow | Aux. Utility Flare Flow (scfm) | Total Flow |
|-----------|--------------|------|-----|------|-------------|---------------------------|--------------|------|-----|------|-----------------|---------------------------|------------------------|------------------------|------------------------|--|-----------------------------------|------------|
| | CH4 | CO2 | O2 | Bal. | Press./Vac. | Gas Inlet Temp (°F) | CH4 | CO2 | O2 | Bal. | Press./V ac. | Gas Inlet Temp (°F) | Flow (scfm) | Flow (scfm) | Flow (scfm) | Flow (scfm) | Flow (scfm) | scfm |
| 5/2/2016 | 10 | 37.6 | 7.6 | 44.8 | 22.54 | 73 | | | | | | 0 | 0 | 2322 | 2322 | 249 | 2571 | |
| 5/3/2016 | 9.7 | 43.4 | 6.8 | 40.1 | 19.96 | 74 | 49.2 | 37.8 | 1.1 | 11.9 | 1.24 | 76.4 | 0 | 0 | 2273 | 2273 | 246 | 2519 |
| 5/4/2016 | 10.4 | 43.4 | 6 | 40.2 | 19.47 | 78 | | | | | | | 0 | 0 | 2280 | 2280 | 241 | 2520 |
| 5/5/2016 | 10 | 42.5 | 6.4 | 41.4 | 20.27 | 72.7 | | | | | | | 0 | 0 | 2345 | 2345 | 243 | 2588 |
| 5/6/2016 | 9.9 | 41 | 6.7 | 42.4 | 20.45 | 72.7 | | | | | | | 0 | 0 | 2367 | 2367 | 246 | 2613 |
| 5/7/2016 | | | | | | | | | | | | | 0 | 0 | 2345 | 2345 | 244 | 2589 |
| 5/8/2016 | | | | | | | | | | | | | 0 | 0 | 2342 | 2342 | 245 | 2586 |
| 5/9/2016 | 10.2 | 42.2 | 6.2 | 41.4 | 19.11 | 85.8 | | | | | | | 0 | 0 | 2347 | 2347 | 243 | 2591 |
| 5/10/2016 | 9.7 | 41.7 | 6.8 | 41.8 | 21 | 82 | 49.5 | 37 | 1.4 | 12.1 | 1.28 | 112 | 0 | 0 | 2505 | 2505 | 244 | 2748 |
| 5/11/2016 | 9 | 38.5 | 8.2 | 44.3 | 21.79 | 102 | | | | | | | 0 | 0 | 2513 | 2513 | 247 | 2761 |
| 5/12/2016 | 9.3 | 41.9 | 7.2 | 41.6 | 16.19 | 83.8 | | | | | | | 0 | 0 | 2364 | 2364 | 242 | 2606 |
| 5/13/2016 | 9.2 | 40.2 | 7.6 | 43 | 17.93 | 85.9 | | | | | | | 0 | 0 | 2492 | 2492 | 243 | 2736 |
| 5/14/2016 | | | | | | | | | | | | | 0 | 0 | 2565 | 2565 | 249 | 2814 |
| 5/15/2016 | | | | | | | | | | | | | 0 | 0 | 2597 | 2597 | 252 | 2849 |
| 5/16/2016 | 7.6 | 36.9 | 9.5 | 46 | 17.97 | 75 | | | | | | | 0 | 0 | 2604 | 2604 | 252 | 2856 |
| 5/17/2016 | 7.7 | 36.8 | 9.6 | 45.9 | 19.58 | 68.4 | | | | | | | 0 | 0 | 2561 | 2561 | 247 | 2808 |
| 5/18/2016 | 7.9 | 39.3 | 9.4 | 43.4 | 15.56 | 73 | | | | | | | 0 | 0 | 2486 | 2486 | 244 | 2730 |
| 5/19/2016 | 8.5 | 39.9 | 8.4 | 43.2 | 16.15 | 78 | | | | | | | 0 | 0 | 2462 | 2462 | 240 | 2702 |
| 5/20/2016 | 8.8 | 40.4 | 8.1 | 42.7 | 23.17 | 62.1 | | | | | | | 0 | 0 | 2427 | 2427 | 233 | 2660 |
| 5/21/2016 | | | | | | | | | | | | | 0 | 0 | 2420 | 2420 | 279 | 2698 |
| 5/22/2016 | | | | | | | | | | | | | 0 | 0 | 2458 | 2458 | 283 | 2740 |
| 5/23/2016 | 9.4 | 41.7 | 7.3 | 71.6 | 22.66 | 93.5 | | | | | | | 0 | 0 | 2474 | 2474 | 290 | 2764 |
| 5/24/2016 | 9.6 | 41.8 | 6.8 | 41.8 | 23.17 | 96 | 45.5 | 36.9 | 1.3 | 16.3 | 1.02 | 95.1 | 0 | 0 | 2493 | 2493 | 173 | 2666 |
| 5/25/2016 | 11.2 | 41 | 6.6 | 41.2 | 22.71 | 95 | | | | | | | 0 | 0 | 2523 | 2523 | 208 | 2731 |
| 5/26/2016 | 10.3 | 43.5 | 5.6 | 40.6 | 41.99 | 106 | | | | | | | 0 | 0 | 2610 | 2610 | 473 | 3083 |
| 5/27/2016 | 9.4 | 37.9 | 8.2 | 44.5 | 24.98 | 88 | | | | | | | 0 | 0 | 2430 | 2430 | 413 | 2842 |
| 5/28/2016 | | | | | | | | | | | | | 0 | 0 | 2456 | 2456 | 415 | 2871 |
| 5/29/2016 | | | | | | | | | | | | | 0 | 0 | 2511 | 2511 | 417 | 2928 |
| 5/30/2016 | 9.6 | 37.7 | 7.7 | 45 | 24.86 | 101 | | | | | | | 0 | 0 | 2525 | 2525 | 395 | 2919 |
| 5/31/2016 | 9.8 | 38.5 | 7.6 | 44.1 | 24.62 | 101 | | | | | | | 0 | 0 | 2568 | 2568 | 410 | 2978 |
| 6/1/2016 | 9.6 | 38.8 | 7.4 | 44.2 | 24.37 | 98 | 41.9 | 33.2 | 2.9 | 22 | 1.12 | 110.2 | 0 | 0 | 2506 | 2506 | 330 | 2836 |
| 6/2/2016 | 8.9 | 37.6 | 7.6 | 45.9 | 22.17 | 102 | | | | | | | 0 | 0 | 2365 | 2365 | 292 | 2657 |
| 6/3/2016 | 9.7 | 39.6 | 7.1 | 43.6 | 20.82 | 96 | | | | | | | 0 | 0 | 2257 | 2257 | 289 | 2546 |
| 6/4/2016 | | | | | | | | | | | | | 0 | 0 | 2237 | 2237 | 292 | 2529 |
| 6/5/2016 | | | | | | | | | | | | | 0 | 0 | 2236 | 2236 | 292 | 2528 |
| 6/6/2016 | 9.6 | 43.3 | 6.5 | 40.6 | 21.99 | 75.5 | | | | | | | 0 | 0 | 2279 | 2279 | 294 | 2573 |
| 6/7/2016 | 9.6 | 42.3 | 7.2 | 40.9 | 21.61 | 86 | 41.8 | 36.1 | 3.2 | 18.9 | 1.1 | 89.1 | 0 | 0 | 2296 | 2296 | 293 | 2589 |
| 6/8/2016 | 9.6 | 43.2 | 6.6 | 40.6 | 19.96 | 95 | | | | | | | 0 | 0 | 2279 | 2279 | 309 | 2588 |
| 6/9/2016 | 9.5 | 43.4 | 6.8 | 40.3 | 23.38 | 93 | | | | | | | 0 | 0 | 2305 | 2305 | 314 | 2619 |
| 6/10/2016 | 9.4 | 42.8 | 6.7 | 41.1 | 21.61 | 99 | | | | | | | 0 | 0 | 2260 | 2260 | 315 | 2574 |
| 6/11/2016 | | | | | | | | | | | | | 0 | 0 | 2209 | 2209 | 319 | 2528 |
| 6/12/2016 | | | | | | | | | | | | | 0 | 0 | 2202 | 2202 | 317 | 2519 |
| 6/13/2016 | 10.9 | 46.2 | 4.8 | 38.1 | 19.45 | 99 | | | | | | | 0 | 0 | 2158 | 2158 | 319 | 2477 |
| 6/14/2016 | 10.8 | 45.3 | 5.1 | 38.8 | 19.32 | 100 | 43.6 | 36.6 | 2.4 | 17.4 | 1.29 | 102.6 | 0 | 0 | 2198 | 2198 | 324 | 2521 |
| 6/15/2016 | 10.5 | 45.2 | 5.4 | 38.9 | 22.37 | 100 | | | | | | | 0 | 0 | 2229 | 2229 | 323 | 2552 |
| 6/16/2016 | 10.9 | 46.1 | 5.1 | 37.9 | 20.33 | 105 | | | | | | | 0 | 0 | 2380 | 2380 | 322 | 2701 |
| 6/17/2016 | 10.2 | 44.3 | 6.2 | 39.3 | 24.85 | 108 | | | | | | | 0 | 0 | 2326 | 2326 | 315 | 2640 |
| 6/18/2016 | | | | | | | | | | | | | 0 | 0 | 2351 | 2351 | 315 | 2667 |
| 6/19/2016 | | | | | | | | | | | | | 0 | 0 | 2346 | 2346 | 320 | 2666 |
| 6/20/2016 | 10.4 | 41.7 | 5.8 | 42.1 | 24.85 | 106 | | | | | | | 0 | 0 | 2357 | 2357 | 311 | 2668 |
| 6/21/2016 | 10.4 | 42.1 | 6.1 | 41.4 | 23.09 | 105 | 47 | 36.6 | 2.4 | 14 | 1.11 | 89.4 | 0 | 0 | 2306 | 2306 | 300 | 2606 |
| 6/22/2016 | 11.6 | 42.6 | 6.2 | 39.6 | 25.4 | 104 | | | | | | | 0 | 0 | 2354 | 2354 | 288 | 2641 |
| 6/23/2016 | 10.9 | 43.3 | 6 | 39.8 | 25.21 | 108 | | | | | | | 0 | 0 | 2359 | 2359 | 279 | 2638 |
| 6/24/2016 | 11.4 | 43.7 | 5.7 | 39.2 | 23.02 | 108 | | | | | | | 0 | 0 | 2337 | 2337 | 279 | 2616 |
| 6/25/2016 | | | | | | | | | | | | | 0 | 0 | 2270 | 2270 | 276 | 2546 |
| 6/26/2016 | | | | | | | | | | | | | 0 | 0 | 2216 | 2216 | 276 | 2492 |
| 6/27/2016 | 11 | 44.9 | 5.4 | 38.7 | 23.68 | 107.1 | | | | | | | 0 | 0 | 2237 | 2237 | 287 | 2524 |
| 6/28/2016 | 11.7 | 46.6 | 4.9 | 36.8 | 19.66 | 110 | 45.9 | 35.5 | 2.9 | 15.7 | 0.66 | 102.3 | 0 | 0 | 2188 | 2188 | 290 | 2477 |
| 6/29/2016 | 10.8 | 41.8 | 6.4 | 41 | 21.31 | 96 | | | | | | | 0 | 0 | 2275 | 2275 | 288 | 2563 |
| 6/30/2016 | 9.9 | 39.1 | 7.4 | 43.6 | 24.37 | 102 | | | | | | | 0 | 1215 | 1050 | 2265 | 287 | 2552 |
| 7/1/2016 | 10.5 | 40.8 | 6.3 | 42.4 | 26.13 | 97 | | | | | | | 0 | 2273 | 0 | 2273 | 289 | 2562 |

| Date | South Quarry | | | | | | North Quarry | | | | | | Flare Sta #2 FL-100 | Flare Sta #3 FL-120 | Flare Sta #1 FL-140 | Main Flare Station Total Utility Flare Flow | Aux. Utility Flare Flow (scfm) | Total Flow |
|-----------|--------------|------|-----|------|-------------|---------------------------|--------------|------|-----|------|-----------------|---------------------------|------------------------|------------------------|------------------------|--|-----------------------------------|------------|
| | CH4 | CO2 | O2 | Bal. | Press./Vac. | Gas Inlet Temp (°F) | CH4 | CO2 | O2 | Bal. | Press./V ac. | Gas Inlet Temp (°F) | Flow (scfm) | Flow (scfm) | Flow (scfm) | Flow (scfm) | Flow (scfm) | scfm |
| 7/2/2016 | | | | | | | | | | | | 0 | 2195 | 0 | 2195 | 282 | 2476 | |
| 7/3/2016 | | | | | | | | | | | | 0 | 2189 | 0 | 2189 | 283 | 2471 | |
| 7/4/2016 | | | | | | | | | | | | 0 | 2249 | 0 | 2249 | 285 | 2534 | |
| 7/5/2016 | 10.8 | 42.4 | 6.9 | 39.9 | 28.21 | 112 | 48.7 | 36.1 | 2.4 | 12.8 | 1.01 | 85.3 | 0 | 2336 | 0 | 2336 | 294 | 2630 |
| 7/6/2016 | 10.7 | 43.2 | 6.1 | 40 | 26.31 | 117 | | | | | | | 0 | 2211 | 0 | 2211 | 287 | 2498 |
| 7/7/2016 | 10.1 | 42.4 | 6.4 | 41.1 | 30.66 | 106 | | | | | | | 0 | 2211 | 0 | 2211 | 287 | 2498 |
| 7/8/2016 | 10.4 | 43.7 | 6.1 | 39.8 | 56.45 | 114.4 | | | | | | | 0 | 2284 | 0 | 2284 | 288 | 2572 |
| 7/9/2016 | | | | | | | | | | | | | 0 | 2293 | 0 | 2293 | 286 | 2580 |
| 7/10/2016 | | | | | | | | | | | | | 0 | 2279 | 0 | 2279 | 285 | 2564 |
| 7/11/2016 | 10.6 | 43.8 | 6.2 | 39.4 | 17.12 | 102.5 | | | | | | | 0 | 2290 | 0 | 2290 | 290 | 2579 |
| 7/12/2016 | 12.1 | 41.8 | 6.6 | 39.5 | 12.09 | 99 | | | | | | | 0 | 2383 | 0 | 2383 | 287 | 2670 |
| 7/13/2016 | 9.4 | 34.6 | 8.2 | 47.8 | 25.34 | 110 | | | | | | | 0 | 2434 | 0 | 2434 | 256 | 2690 |
| 7/14/2016 | 9.7 | 39.4 | 7.4 | 43.5 | 21.25 | 76.4 | 51.5 | 37.2 | 2 | 9.3 | 0.78 | 112.7 | 0 | 2450 | 0 | 2450 | 244 | 2695 |
| 7/15/2016 | 9.6 | 36.8 | 8.1 | 45.5 | 48.81 | 145 | | | | | | | 0 | 2486 | 0 | 2486 | 292 | 2778 |
| 7/16/2016 | | | | | | | | | | | | | 0 | 2439 | 0 | 2439 | 291 | 2731 |
| 7/17/2016 | | | | | | | | | | | | | 0 | 2405 | 0 | 2405 | 293 | 2698 |
| 7/18/2016 | 8.9 | 39.3 | 8.1 | 43.7 | 39.53 | 118.2 | | | | | | | 0 | 2465 | 0 | 2465 | 292 | 2756 |
| 7/19/2016 | 9 | 38.4 | 8.3 | 44.3 | 35.64 | 121.6 | | | | | | | 0 | 2493 | 0 | 2493 | 295 | 2788 |
| 7/20/2016 | 9.5 | 39.3 | 7.6 | 43.6 | 50.49 | 109.4 | 50.9 | 35.1 | 2.5 | 11.5 | 0.96 | 118.6 | 0 | 2414 | 0 | 2414 | 329 | 2743 |
| 7/21/2016 | 10.1 | 41 | 6.6 | 42.3 | 51.33 | 124.6 | | | | | | | 0 | 2444 | 0 | 2444 | 294 | 2738 |
| 7/22/2016 | 10.3 | 40.7 | 7.1 | 41.9 | 30.11 | 107.4 | | | | | | | 0 | 2338 | 0 | 2338 | 289 | 2626 |
| 7/23/2016 | | | | | | | | | | | | | 0 | 2304 | 0 | 2304 | 286 | 2590 |
| 7/24/2016 | | | | | | | | | | | | | 0 | 2275 | 0 | 2275 | 284 | 2559 |
| 7/25/2016 | 11.9 | 44.8 | 5.2 | 38.1 | 30.99 | 120 | | | | | | | 0 | 1800 | 437 | 2236 | 401 | 2637 |
| 7/26/2016 | 9.4 | 38.3 | 8.3 | 44 | 41.78 | 115 | 52.8 | 39.3 | 0.6 | 7.3 | 0.87 | 111.5 | 0 | 2425 | 0 | 2425 | 249 | 2674 |
| 7/27/2016 | 10.3 | 41.2 | 7.2 | 41.3 | 33.45 | 112 | | | | | | | 0 | 2351 | 0 | 2351 | 254 | 2605 |
| 7/28/2016 | 10.3 | 41.7 | 6.9 | 41.1 | 20 | 105 | | | | | | | 0 | 2388 | 0 | 2388 | 248 | 2636 |
| 7/29/2016 | 9.8 | 39.6 | 7.6 | 43 | 14.88 | 106 | | | | | | | 0 | 2312 | 0 | 2312 | 244 | 2556 |
| 7/30/2016 | | | | | | | | | | | | | 0 | 2210 | 0 | 2210 | 239 | 2449 |
| 7/31/2016 | | | | | | | | | | | | | 0 | 2245 | 0 | 2245 | 242 | 2487 |
| 8/1/2016 | 11 | 40.2 | 6.7 | 42.1 | 15.68 | 93 | | | | | | | 0 | 2291 | 0 | 2291 | 234 | 2525 |
| 8/2/2016 | 10 | 40.6 | 6.7 | 42.7 | 32.94 | 126 | | | | | | | 0 | 2378 | 0 | 2378 | 246 | 2624 |
| 8/3/2016 | 9 | 37.5 | 8.3 | 45.2 | 22.71 | 99 | 53.8 | 40.6 | 0.6 | 5 | 0.93 | 101.3 | 0 | 2305 | 0 | 2305 | 264 | 2569 |
| 8/4/2016 | 11.2 | 42.5 | 5.8 | 40.5 | 25.67 | 112 | | | | | | | 0 | 2330 | 0 | 2330 | 270 | 2600 |
| 8/5/2016 | 10 | 40.5 | 7.5 | 42 | 16.45 | 94 | | | | | | | 0 | 2300 | 0 | 2300 | 265 | 2565 |
| 8/6/2016 | | | | | | | | | | | | | 0 | 2292 | 0 | 2292 | 266 | 2558 |
| 8/7/2016 | | | | | | | | | | | | | 0 | 2319 | 0 | 2319 | 185 | 2504 |
| 8/8/2016 | 10.6 | 38.9 | 7.2 | 43.3 | 22.6 | 103 | | | | | | | 10 | 2275 | 0 | 2285 | 273 | 2558 |
| 8/9/2016 | 11.2 | 38.9 | 6.8 | 43.1 | 21.19 | 107 | 53 | 39.7 | 1.1 | 6.2 | 0.9 | 95.8 | 1474 | 816 | 0 | 2290 | 223 | 2513 |
| 8/10/2016 | 9 | 36.7 | 8.5 | 45.8 | 31.01 | 119 | 49.7 | 38.4 | 1.4 | 10.5 | 1.02 | 92.5 | 2495 | 0 | 0 | 2495 | 284 | 2779 |
| 8/11/2016 | 9 | 35.9 | 8.5 | 46.6 | 15.87 | 111 | | | | | | | 2555 | 0 | 0 | 2555 | 278 | 2833 |
| 8/12/2016 | 8.9 | 34.3 | 9 | 47.8 | 12.21 | 107 | | | | | | | 2484 | 82 | 0 | 2566 | 325 | 2891 |
| 8/13/2016 | | | | | | | | | | | | | 0 | 2545 | 0 | 2545 | 295 | 2840 |
| 8/14/2016 | | | | | | | | | | | | | 0 | 2436 | 0 | 2436 | 287 | 2723 |
| 8/15/2016 | 9.1 | 33.6 | 9.1 | 48.2 | 32.33 | 96 | 53.1 | 38.4 | 0.7 | 7.8 | 0.89 | 84.3 | 1216 | 1179 | 0 | 2395 | 283 | 2677 |
| 8/16/2016 | 8.5 | 34.6 | 9.3 | 47.6 | 20.57 | 103.1 | | | | | | | 2460 | 0 | 0 | 2460 | 290 | 2750 |
| 8/17/2016 | 8.3 | 34.5 | 9 | 48.2 | 35.82 | 110.8 | 51.3 | 39.3 | 0.9 | 8.5 | 0.84 | 105.6 | 2540 | 0 | 0 | 2540 | 292 | 2831 |
| 8/18/2016 | 8.3 | 35.7 | 8.6 | 47.4 | 26.62 | 125 | | | | | | | 2480 | 0 | 0 | 2480 | 333 | 2813 |
| 8/19/2016 | 9.4 | 36.9 | 7.9 | 45.8 | 21.19 | 102 | | | | | | | 2403 | 0 | 0 | 2403 | 358 | 2761 |
| 8/20/2016 | | | | | | | | | | | | | 2356 | 0 | 0 | 2356 | 349 | 2705 |
| 8/21/2016 | | | | | | | | | | | | | 2354 | 0 | 0 | 2354 | 346 | 2700 |
| 8/22/2016 | 9.3 | 34.9 | 8.2 | 47.6 | 21.19 | 97 | | | | | | | 2408 | 0 | 0 | 2408 | 351 | 2758 |
| 8/23/2016 | 8.5 | 35 | 8.2 | 48.3 | 15.19 | 74.8 | 48.9 | 36.1 | 0.8 | 14.2 | 1.14 | 78 | 2281 | 0 | 0 | 2281 | 345 | 2626 |
| 8/24/2016 | 9.6 | 38.5 | 7.1 | 44.8 | 11.33 | 99.5 | 49 | 37.3 | 0.9 | 12.8 | 1.27 | 90.7 | 2297 | 0 | 0 | 2297 | 336 | 2633 |
| 8/25/2016 | 9.5 | 39.5 | 6.9 | 44.1 | 23.94 | 107 | | | | | | | 2339 | 0 | 0 | 2339 | 298 | 2637 |
| 8/26/2016 | 9.3 | 37.7 | 7.5 | 45.5 | 16.17 | 102 | | | | | | | 2321 | 0 | 0 | 2321 | 293 | 2613 |
| 8/27/2016 | | | | | | | | | | | | | 2307 | 0 | 0 | 2307 | 294 | 2601 |
| 8/28/2016 | | | | | | | | | | | | | 2333 | 0 | 0 | 2333 | 297 | 2630 |
| 8/29/2016 | 9.3 | 39.2 | 7.4 | 44.1 | 21.37 | 111.1 | | | | | | | 2322 | 0 | 0 | 2322 | 302 | 2623 |
| 8/30/2016 | 9.3 | 39 | 7.3 | 44.4 | 23.5 | 112.7 | 50.2 | 38.7 | 1.2 | 9.9 | 1.21 | 93.6 | 2269 | 0 | 0 | 2269 | 305 | 2574 |
| 8/31/2016 | 9.3 | 39.1 | 7.2 | 44.4 | 26.5 | 105.4 | | | | | | | 2265 | 0 | 0 | 2265 | 304 | 2569 |

| Date | South Quarry | | | | | | North Quarry | | | | | | Flare Sta #2 FL-100 | Flare Sta #3 FL-120 | Flare Sta #1 FL-140 | Main Flare Station Total Utility Flare Flow | Aux. Utility Flare Flow (scfm) | Total Flow |
|-----------|--------------|------|-----|------|-------------|---------------------------|--------------|------|-----|------|-----------------|---------------------------|------------------------|------------------------|------------------------|--|-----------------------------------|------------|
| | CH4 | CO2 | O2 | Bal. | Press./Vac. | Gas Inlet Temp (°F) | CH4 | CO2 | O2 | Bal. | Press./V ac. | Gas Inlet Temp (°F) | Flow (scfm) | Flow (scfm) | Flow (scfm) | Flow (scfm) | Flow (scfm) | scfm |
| 9/1/2016 | 10.1 | 37.3 | 7.6 | 45 | 29.45 | 102 | | | | | | | 2260 | 0 | 0 | 2260 | 307 | 2566 |
| 9/2/2016 | 9.3 | 37.4 | 7.5 | 45.8 | 22.66 | 90.6 | | | | | | | 2228 | 0 | 0 | 2228 | 304 | 2532 |
| 9/3/2016 | | | | | | | | | | | | | 2245 | 0 | 0 | 2245 | 308 | 2554 |
| 9/4/2016 | | | | | | | | | | | | | 2263 | 0 | 0 | 2263 | 310 | 2572 |
| 9/5/2016 | | | | | | | | | | | | | 2272 | 0 | 0 | 2272 | 312 | 2584 |
| 9/6/2016 | 9.3 | 39.5 | 7.1 | 44.1 | 42.31 | 117.3 | | | | | | | 2060 | 0 | 0 | 2060 | 318 | 2379 |
| 9/7/2016 | 9.5 | 38.6 | 7.2 | 44.7 | 33.19 | 113 | 50.2 | 36.1 | 1.7 | 12 | 0.98 | 92.2 | 1917 | 0 | 0 | 1917 | 323 | 2240 |
| 9/8/2016 | 9.4 | 40.7 | 7 | 42.9 | 37.89 | 115 | 51.2 | 37.8 | 1.5 | 9.5 | 0.82 | 92.5 | 1993 | 0 | 0 | 1993 | 312 | 2305 |
| 9/9/2016 | 9.2 | 41.3 | 7.4 | 42.1 | 37.12 | 98 | 50.3 | 37.8 | 1.4 | 10.5 | 0.73 | 80.6 | 2063 | 0 | 0 | 2063 | 317 | 2380 |
| 9/10/2016 | | | | | | | | | | | | | 1988 | 0 | 0 | 1988 | 299 | 2287 |
| 9/11/2016 | | | | | | | | | | | | | 2023 | 0 | 0 | 2023 | 311 | 2334 |
| 9/12/2016 | 9.9 | 40.8 | 6.8 | 42.5 | 37.12 | 102.5 | 49.4 | 37.6 | 1.8 | 11.2 | 1.21 | 88.6 | 1993 | 0 | 0 | 1993 | 323 | 2315 |
| 9/13/2016 | 10 | 39.7 | 6.2 | 44.1 | 30.92 | 105 | 49.2 | 37.4 | 1.7 | 11.7 | 1.23 | 107.6 | 1986 | 0 | 0 | 1986 | 328 | 2314 |
| 9/14/2016 | 10 | 41.4 | 6.4 | 42.2 | 27.78 | 105.7 | | | | | | | 1964 | 0 | 0 | 1964 | 333 | 2297 |
| 9/15/2016 | 10.2 | 42.6 | 6.1 | 41.1 | 28.21 | 104.8 | 49.2 | 37.2 | 1.6 | 12 | 1.18 | 88.4 | 1938 | 0 | 0 | 1938 | 354 | 2292 |
| 9/16/2016 | 10 | 42.8 | 6.1 | 41.1 | 25.54 | 98.6 | | | | | | | 1884 | 0 | 0 | 1884 | 376 | 2261 |
| 9/17/2016 | | | | | | | | | | | | | 1917 | 0 | 0 | 1917 | 374 | 2291 |
| 9/18/2016 | | | | | | | | | | | | | 1919 | 0 | 0 | 1919 | 377 | 2295 |
| 9/19/2016 | 10.5 | 41.4 | 5.9 | 42.2 | 28.54 | 105 | | | | | | | 1925 | 0 | 0 | 1925 | 380 | 2305 |
| 9/20/2016 | 10.1 | 40.4 | 5.6 | 43.9 | 28.54 | 110 | 47.5 | 35.5 | 1.4 | 15.6 | 1.41 | 90.3 | 1939 | 0 | 0 | 1939 | 380 | 2319 |
| 9/21/2016 | 10.5 | 41.9 | 5.8 | 41.8 | 25.11 | 106.8 | 47.7 | 36.9 | 1.1 | 14.3 | 1.14 | 89.3 | 1932 | 0 | 0 | 1932 | 380 | 2312 |
| 9/22/2016 | 9.9 | 43.3 | 6.1 | 40.7 | 25.41 | 81.7 | | | | | | | 1925 | 0 | 0 | 1925 | 376 | 2301 |
| 9/23/2016 | 9.8 | 43.2 | 6 | 41 | 28.54 | 106.4 | | | | | | | 1921 | 0 | 0 | 1921 | 364 | 2285 |
| 9/24/2016 | | | | | | | | | | | | | 1899 | 0 | 0 | 1899 | 376 | 2275 |
| 9/25/2016 | | | | | | | | | | | | | 1880 | 0 | 0 | 1880 | 373 | 2253 |
| 9/26/2016 | 10.1 | 40.7 | 6.2 | 43 | 28.66 | 63.7 | | | | | | | 1856 | 0 | 0 | 1856 | 358 | 2214 |
| 9/27/2016 | 10.7 | 40.8 | 5.7 | 42.8 | 29.15 | 87 | 48.7 | 37.3 | 0.9 | 13.1 | 1.47 | 97.5 | 1921 | 0 | 0 | 1921 | 362 | 2283 |
| 9/28/2016 | 10.7 | 42 | 5.8 | 41.5 | 27.25 | 89 | 45.1 | 35.3 | 1.7 | 17.9 | 1.57 | 80.2 | 1987 | 0 | 0 | 1987 | 334 | 2321 |
| 9/29/2016 | 9.9 | 40.6 | 6.7 | 42.8 | 27.74 | 80 | 44.7 | 33.7 | 1.9 | 19.7 | 1.61 | 74.6 | 1912 | 0 | 0 | 1912 | 320 | 2232 |
| 9/30/2016 | 13.2 | 40.7 | 6.2 | 39.9 | 25.84 | 92.3 | | | | | | | 1813 | 0 | 0 | 1813 | 303 | 2116 |

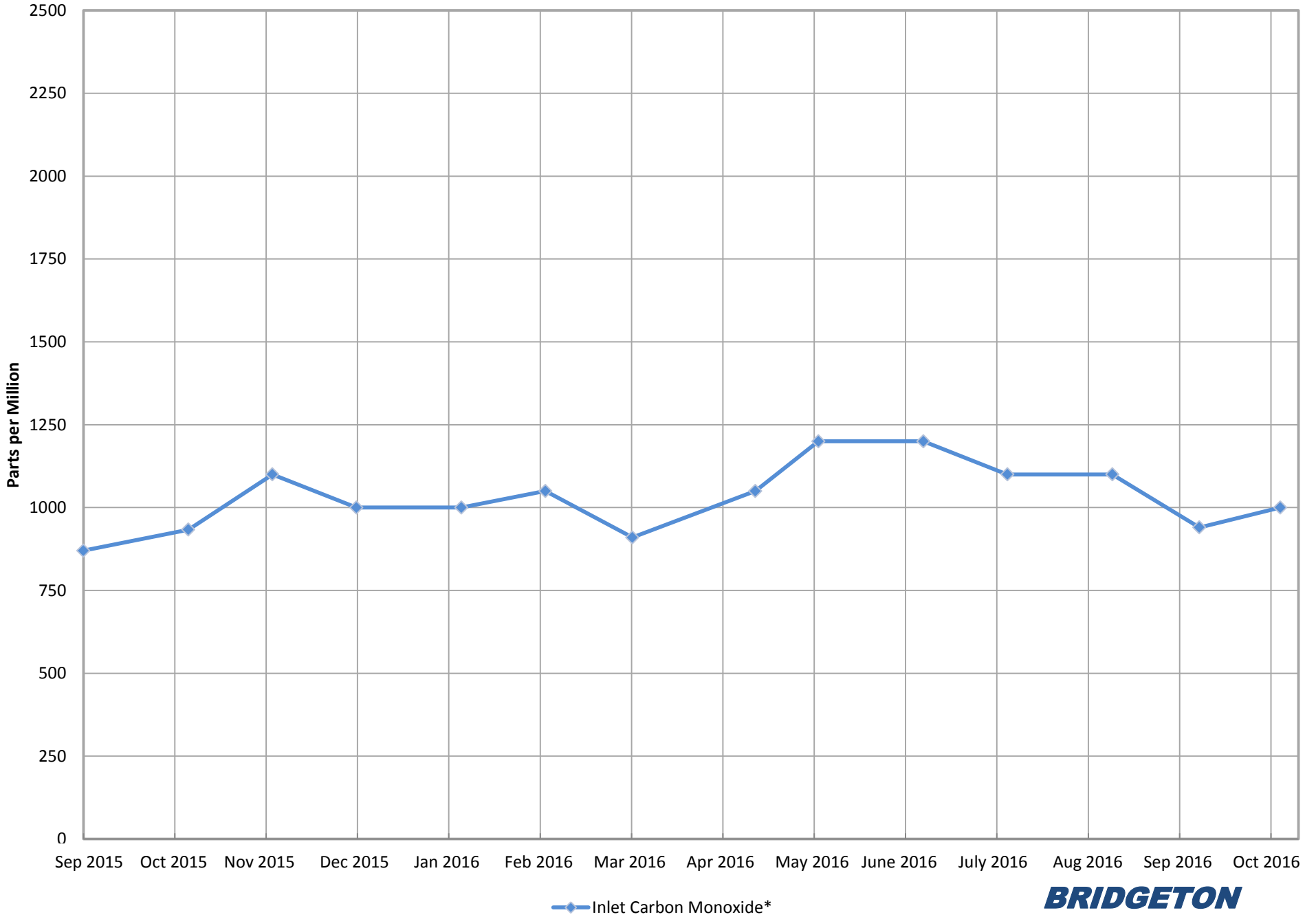
South Quarry Inlet Gas and Temperature*



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



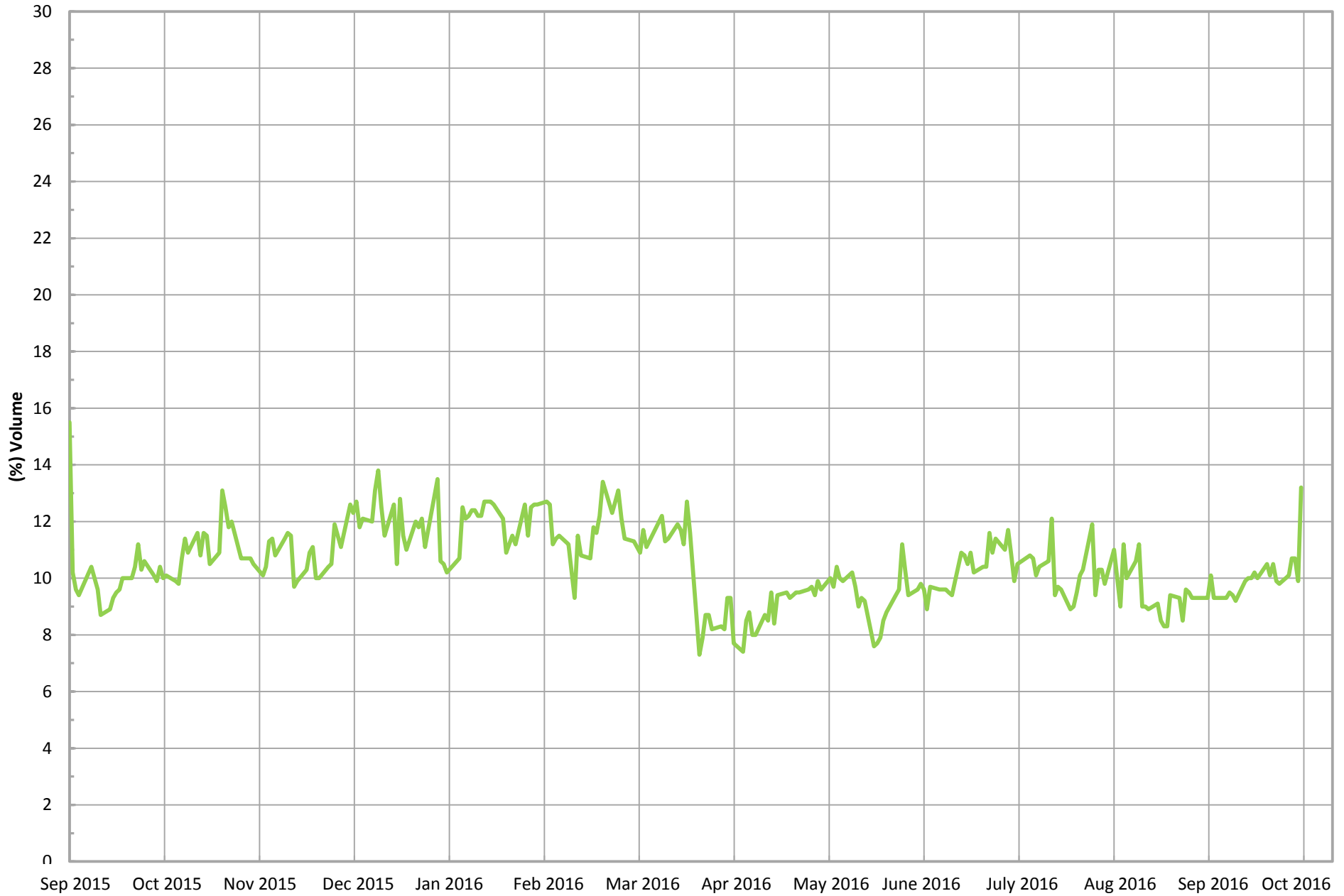
South Quarry Inlet Carbon Monoxide*



*Data collected from Laboratory Reports for the South Quarry.

**BRIDGETON
LANDFILL**

South Quarry Inlet Methane (Field Data)*

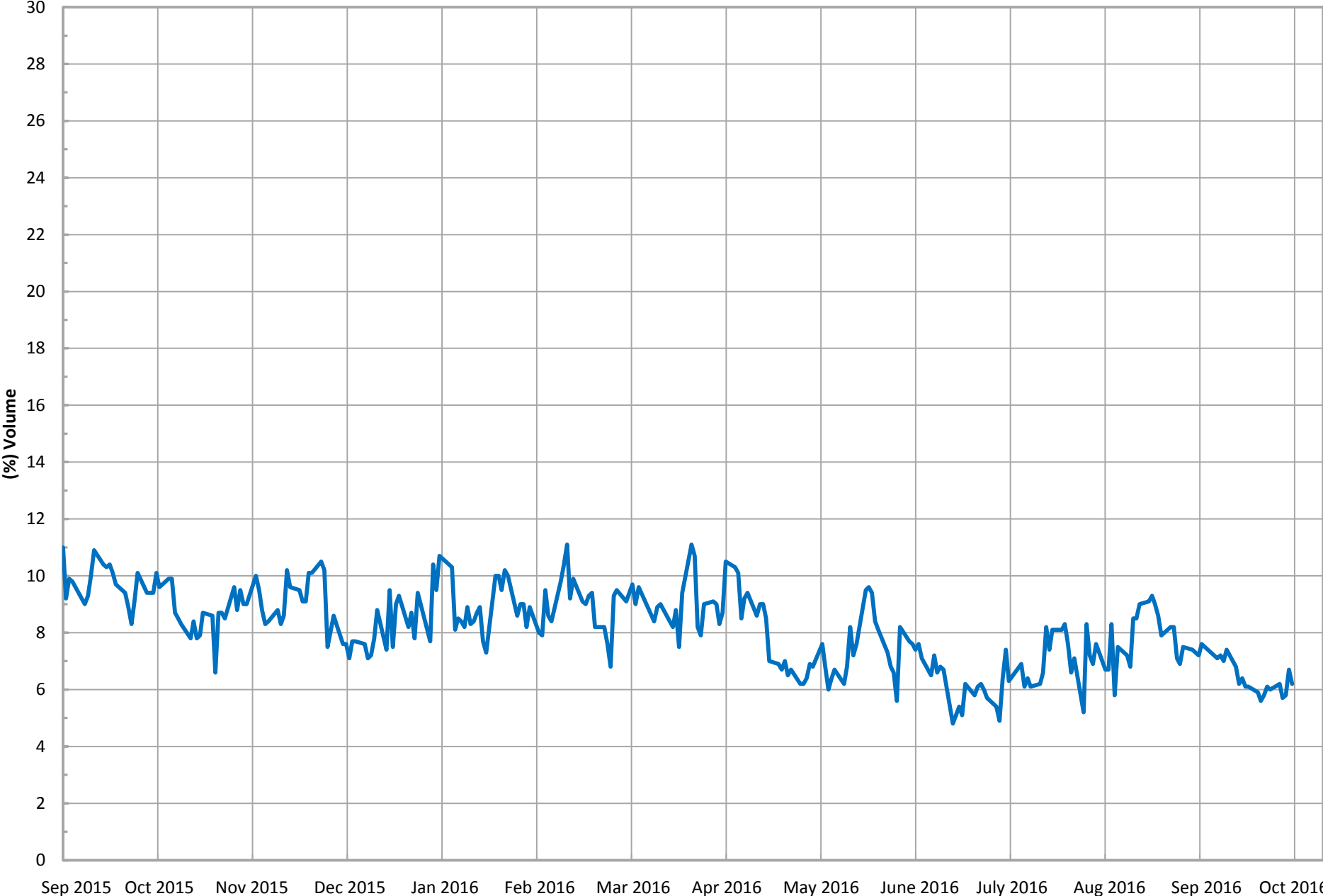


*Gas data collected from field monitoring data in the South Quarry.

— Combined Inlet Methane (Field Data)*

**BRIDGETON
LANDFILL**

South Quarry Inlet Oxygen (Field Data)*

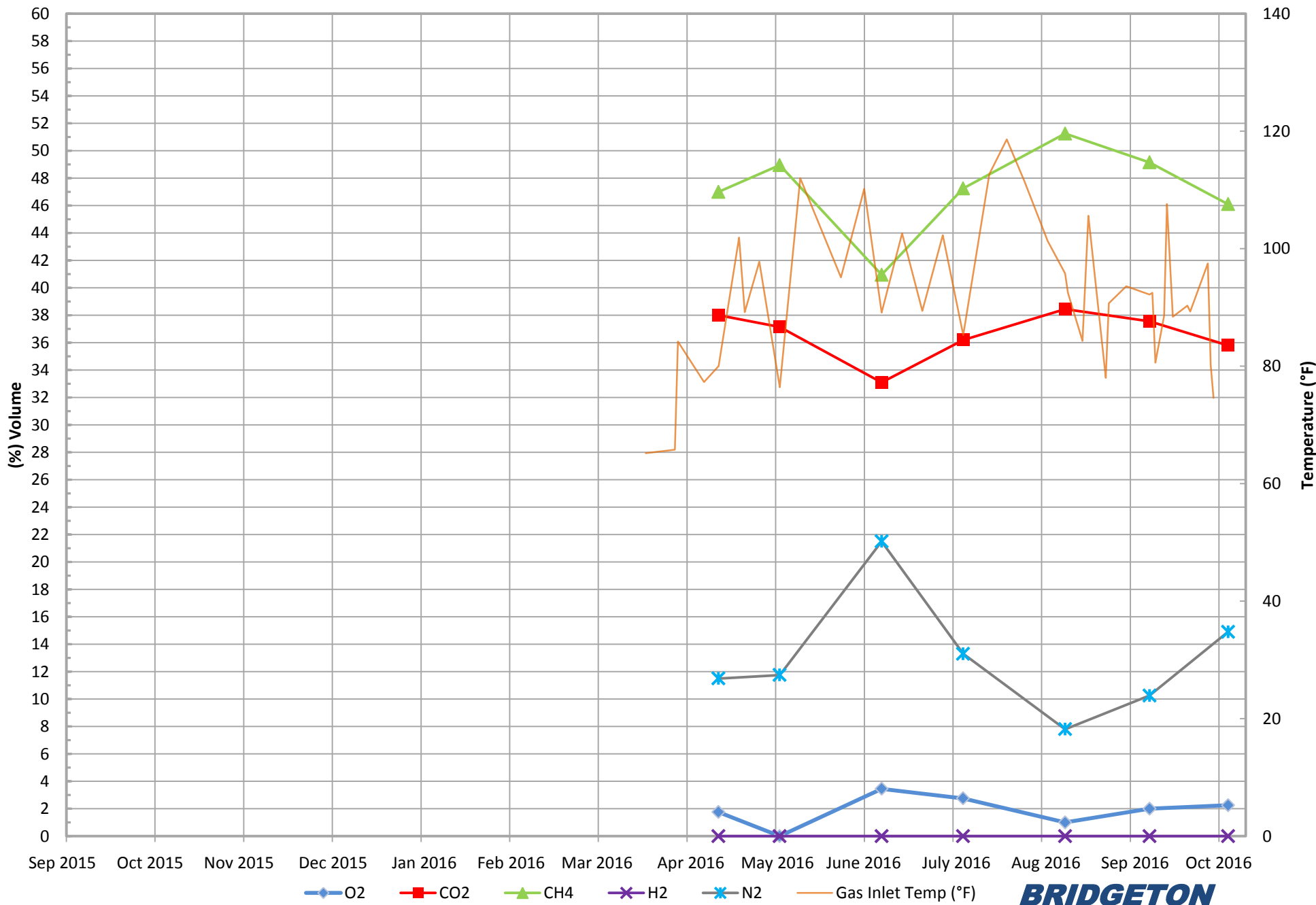


*Gas data collected from field monitoring data in the South Quarry.

— Combined Inlet Oxygen (Field Data)*



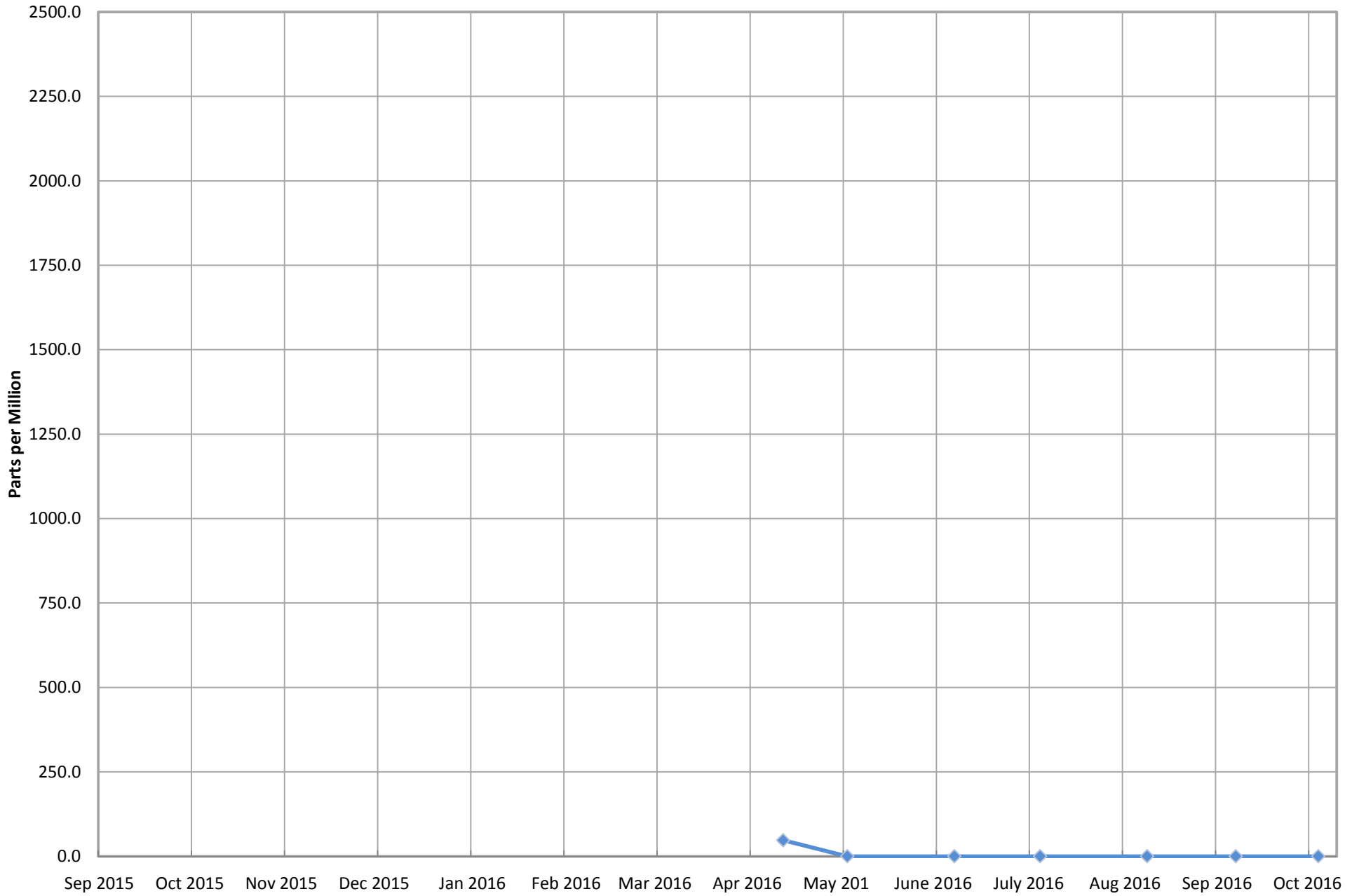
North Quarry Inlet Gas and Temperature*



**BRIDGETON
LANDFILL**

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

North Quarry Inlet Carbon Monoxide*

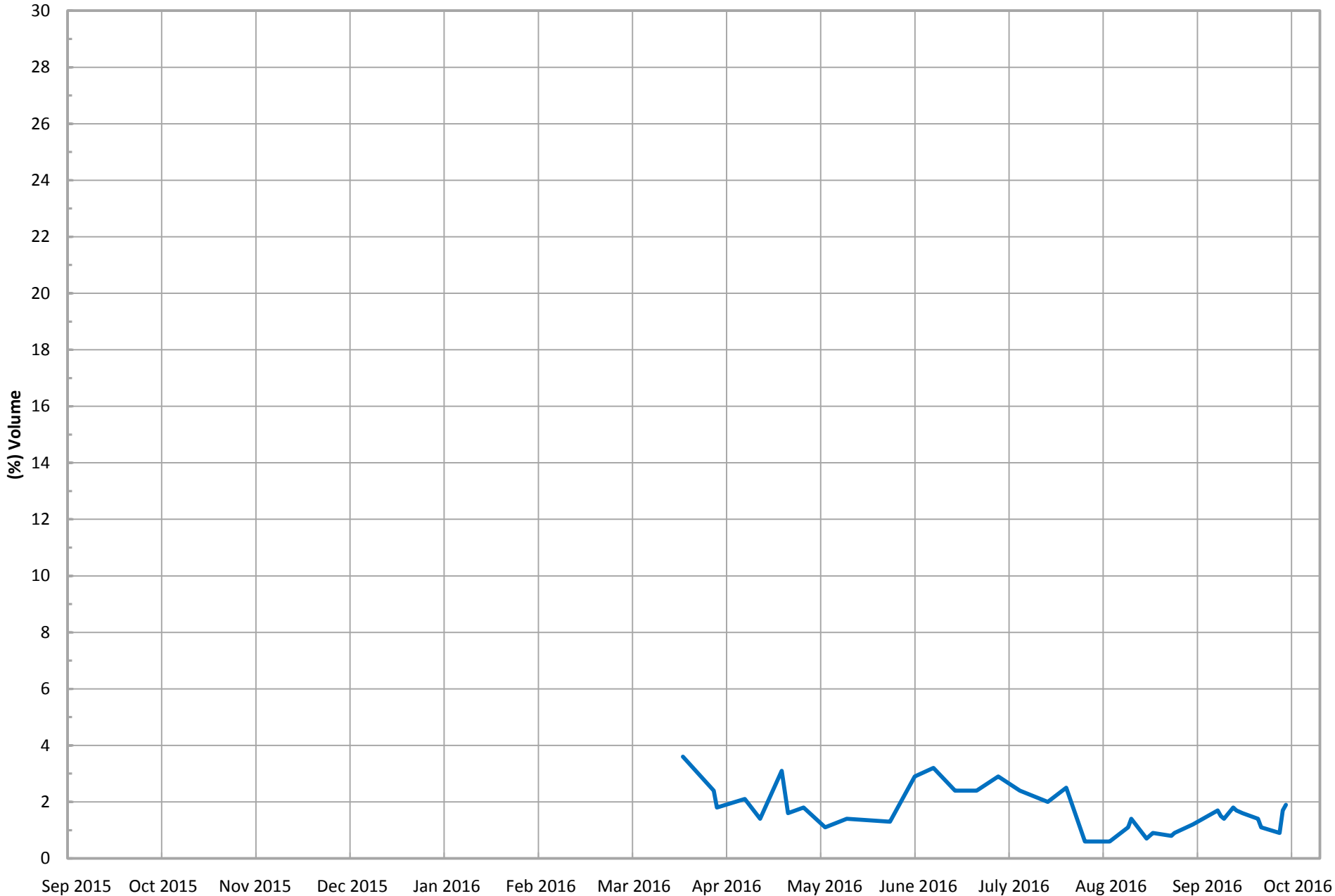


—◆ Inlet Carbon Monoxide*

*Data collected from Laboratory Reports for the North Quarry.

**BRIDGETON
LANDFILL**

North Quarry Inlet Oxygen (Field Data)*

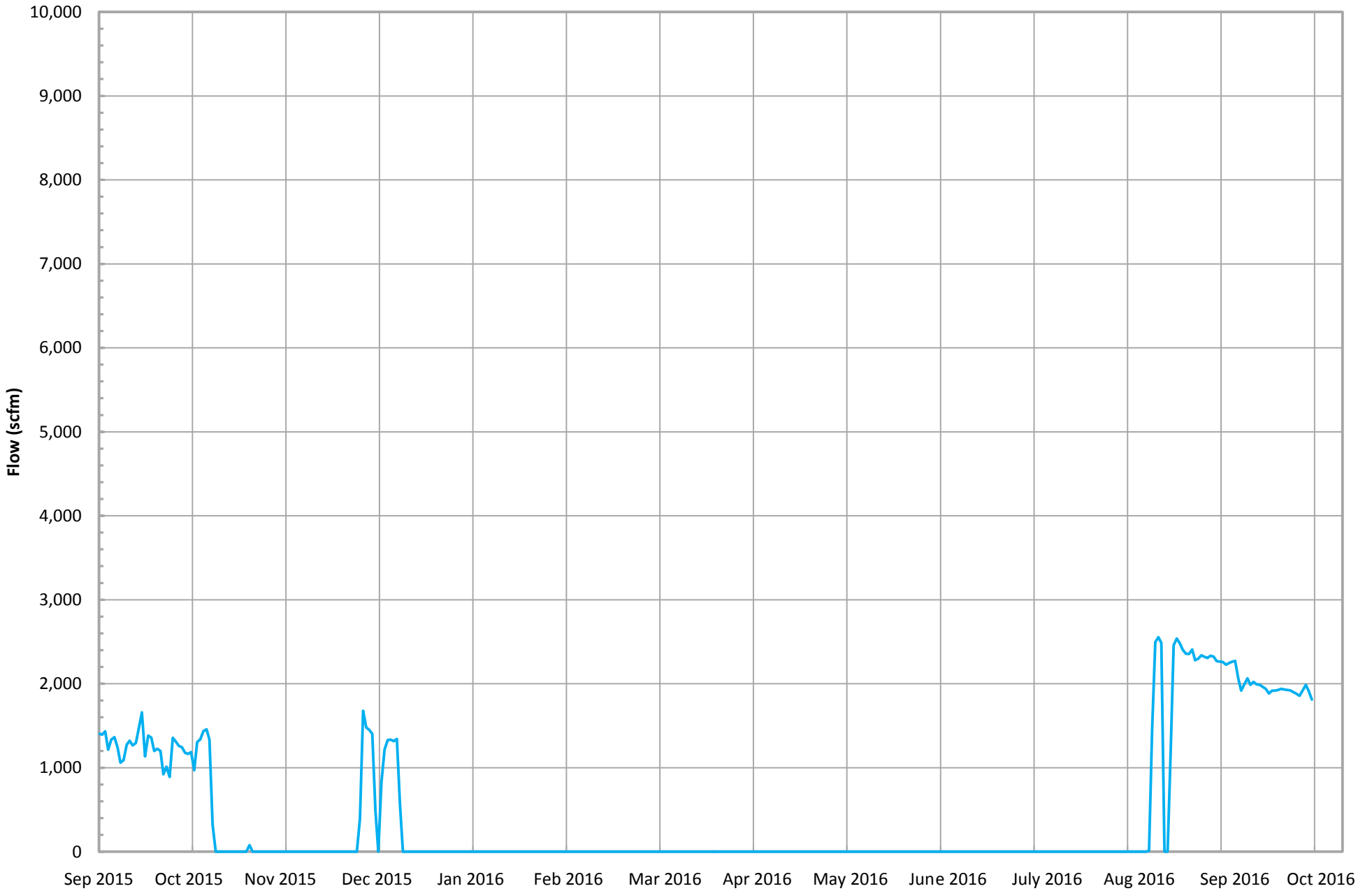


*Gas data collected from field monitoring data in the North Quarry.

— Combined Inlet Oxygen (Field Data)*



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

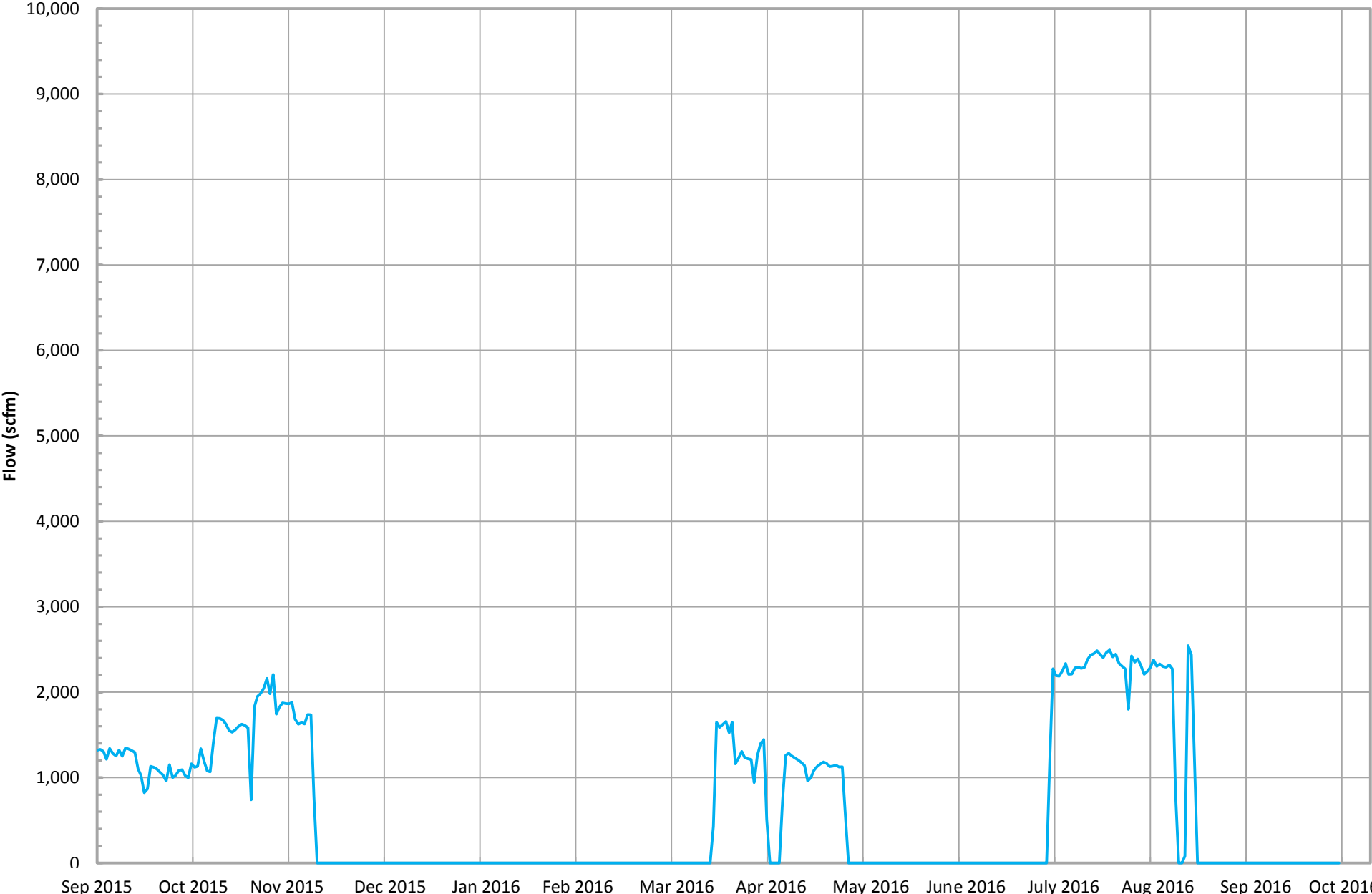


*Flow is based on tabulated flow data collected daily in the South Quarry.

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

**BRIDGETON
LANDFILL**

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

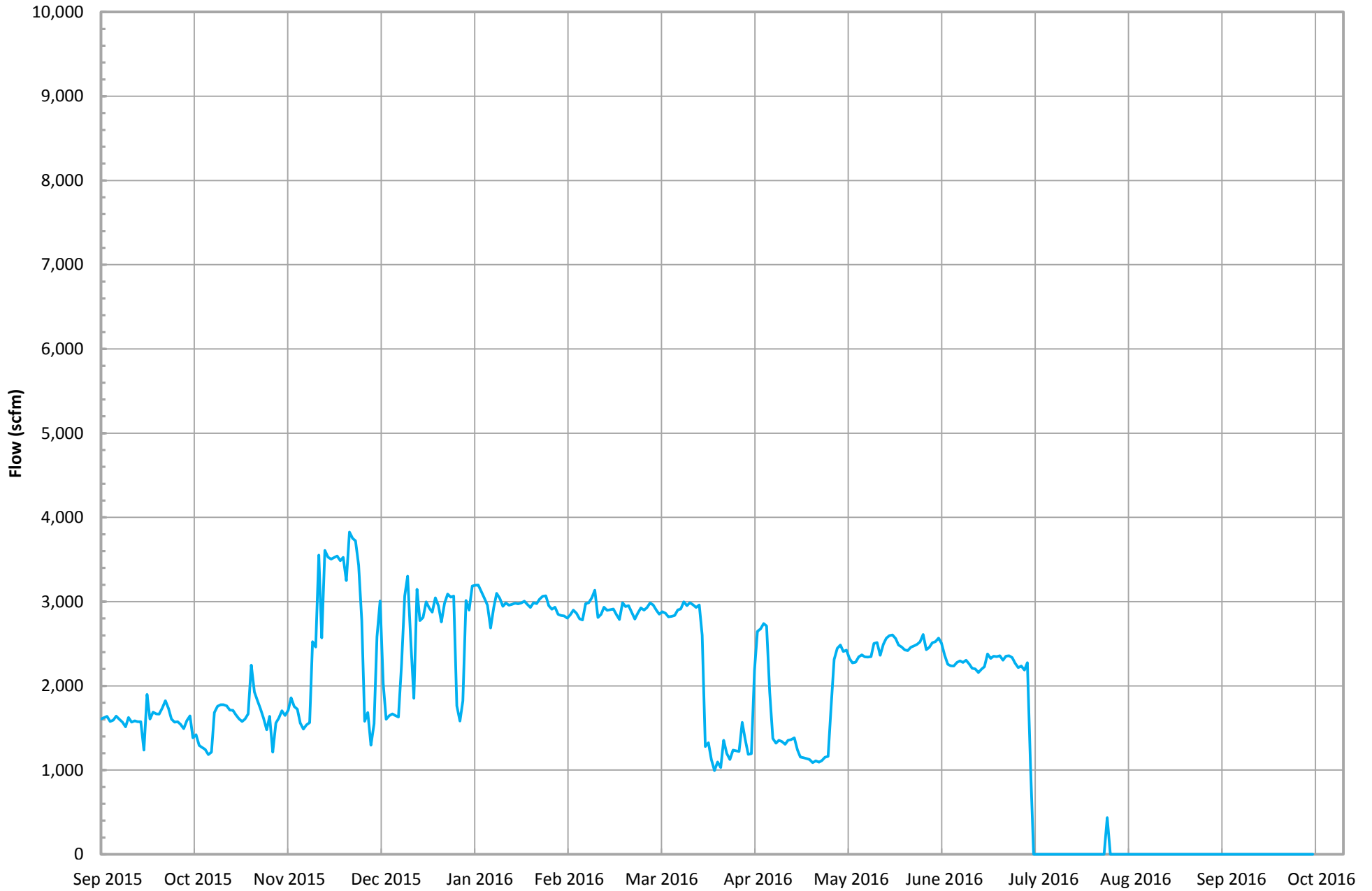


*Flow is based on tabulated flow data collected daily in the South Quarry.

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

**BRIDGETON
LANDFILL**

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

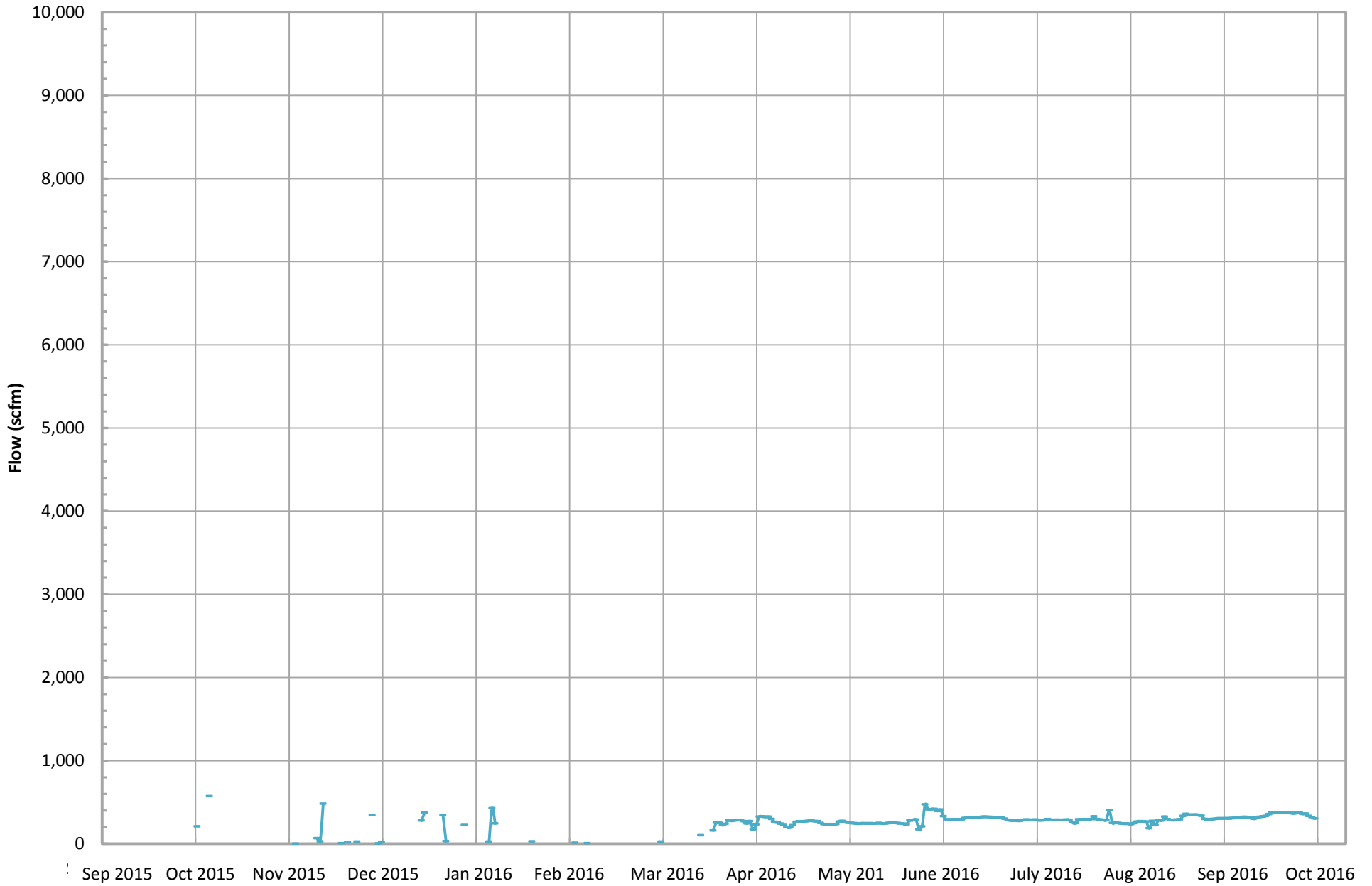


*Flow is based on tabulated flow data collected daily in the South Quarry.

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

**BRIDGETON
LANDFILL**

Auxiliary Candlestick Flare Flow (scfm)*

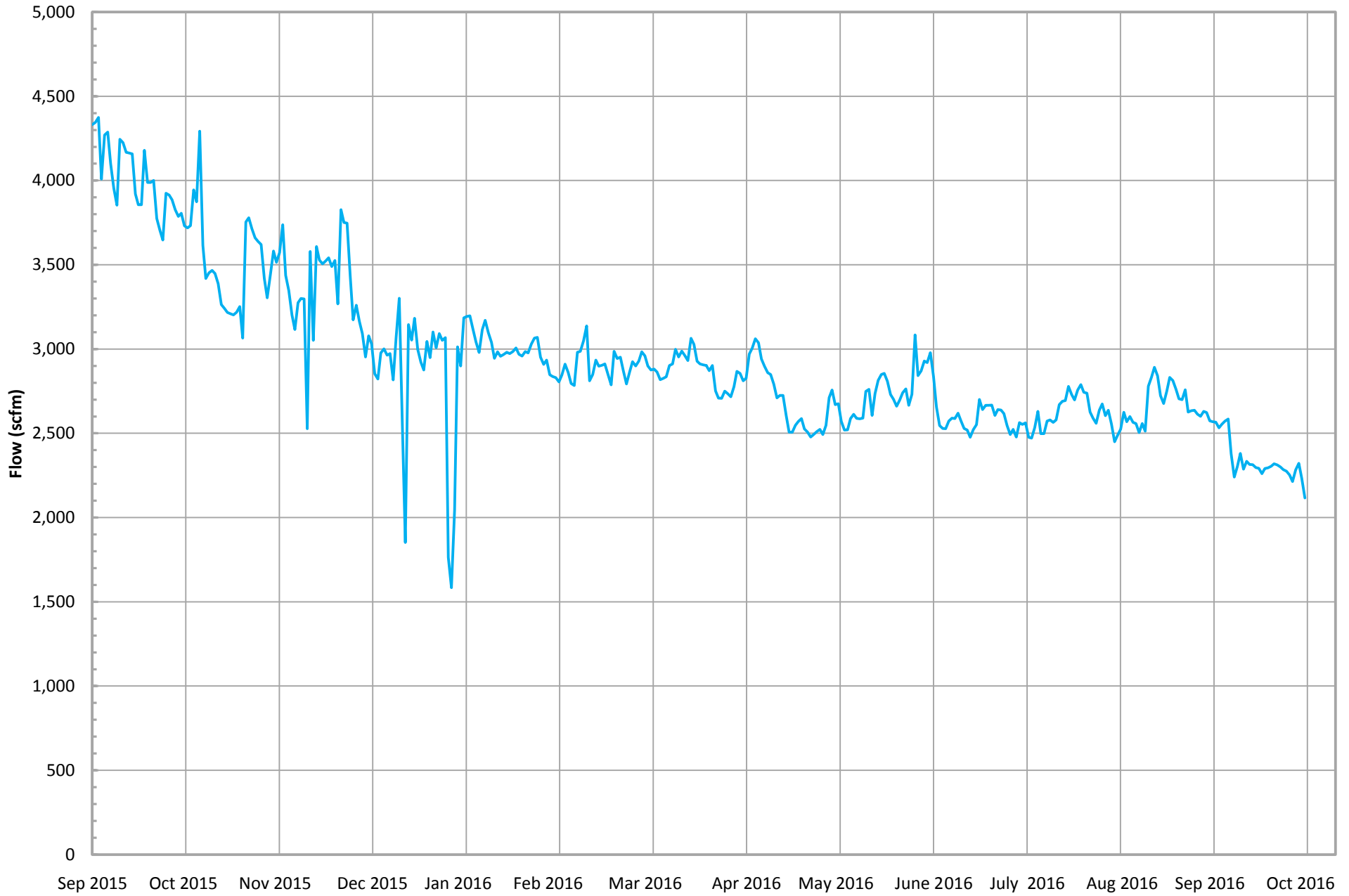


*Flow is based on tabulated flow data collected daily in the North Quarry.

— Auxiliary Candlestick Flare Flow (scfm)*

**BRIDGETON
LANDFILL**

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)*

**BRIDGETON
LANDFILL**