

Bridgeton Sanitary Landfill
Hourly Average Meteorological Data

| Date and Hour | Avg. Temp. (Degrees F) | Avg. Wind From (Directional Degrees) | Avg. Wind From (Cardinal Direction) | Avg. Wind Speed (Miles per Hour) | Avg. Relative Humidity (Percent) |
|-----------------|---------------------------|---|--|-------------------------------------|-------------------------------------|
| 8/15/2016 12:00 | 170.45 | 120.00 | ESE | 6.67 | 77.97 |
| 8/15/2016 13:00 | 170.47 | 128.00 | SE | 7.78 | 79.67 |
| 8/15/2016 14:00 | 169.94 | 130.00 | SE | 11.22 | 79.57 |
| 8/15/2016 15:00 | 166.63 | 139.00 | SE | 8.79 | 87.17 |
| 8/15/2016 16:00 | 167.47 | 149.00 | S | 5.68 | 86.30 |
| 8/15/2016 17:00 | 165.06 | 153.00 | S | 4.92 | 88.93 |
| 8/15/2016 18:00 | 164.71 | 152.00 | S | 4.71 | 88.23 |
| 8/15/2016 19:00 | 164.12 | 155.00 | S | 3.91 | 89.72 |
| 8/15/2016 20:00 | 163.95 | 164.00 | S | 4.13 | 88.65 |
| 8/15/2016 21:00 | 163.00 | 132.00 | SE | 3.07 | 90.46 |
| 8/15/2016 22:00 | 161.98 | 114.00 | ESE | 2.85 | 91.63 |
| 8/15/2016 23:00 | 161.46 | 96.00 | E | 2.44 | 92.00 |
| 8/16/2016 0:00 | 161.62 | 111.00 | ESE | 3.17 | 91.93 |
| 8/16/2016 1:00 | 161.69 | 129.00 | SE | 3.46 | 91.00 |
| 8/16/2016 2:00 | 161.72 | 137.00 | SE | 3.23 | 90.85 |
| 8/16/2016 3:00 | 161.94 | 127.00 | SE | 2.51 | 90.83 |
| 8/16/2016 4:00 | 162.07 | 134.00 | SE | 2.67 | 90.42 |
| 8/16/2016 5:00 | 162.68 | 175.00 | S | 4.12 | 88.72 |
| 8/16/2016 6:00 | 162.50 | 164.00 | S | 2.89 | 87.98 |
| 8/16/2016 7:00 | 163.72 | 146.00 | SE | 3.25 | 87.13 |
| 8/16/2016 8:00 | 165.04 | 181.00 | S | 4.54 | 84.20 |
| 8/16/2016 9:00 | 166.27 | 202.00 | SSW | 3.89 | 81.72 |
| 8/16/2016 10:00 | 169.31 | 223.00 | SW | 3.46 | 78.10 |
| 8/16/2016 11:00 | 174.58 | 205.00 | SSW | 3.84 | 71.17 |
| 8/16/2016 12:00 | 176.04 | 216.00 | SW | 3.46 | 67.88 |
| 8/16/2016 13:00 | 179.42 | 234.00 | SW | 3.69 | 63.35 |
| 8/16/2016 14:00 | 184.66 | 226.00 | SW | 2.86 | 57.22 |
| 8/16/2016 15:00 | 189.71 | 247.00 | WSW | 2.92 | 52.48 |
| 8/16/2016 16:00 | 190.94 | 231.00 | SW | 3.11 | 50.70 |
| 8/16/2016 17:00 | 187.93 | 258.00 | WSW | 5.22 | 52.80 |
| 8/16/2016 18:00 | 191.65 | 196.00 | SSW | 1.88 | 49.13 |
| 8/16/2016 19:00 | 186.55 | 79.00 | E | 2.16 | 56.57 |
| 8/16/2016 20:00 | 177.90 | 75.00 | ENE | 2.88 | 68.17 |
| 8/16/2016 21:00 | 174.37 | 83.00 | E | 3.55 | 74.85 |
| 8/16/2016 22:00 | 171.70 | 91.00 | E | 3.36 | 78.47 |
| 8/16/2016 23:00 | 169.77 | 94.00 | E | 2.92 | 81.33 |
| 8/17/2016 0:00 | 168.23 | 96.00 | E | 3.18 | 82.87 |
| 8/17/2016 1:00 | 166.65 | 103.00 | ESE | 3.66 | 83.08 |
| 8/17/2016 2:00 | 165.18 | 106.00 | ESE | 3.29 | 83.17 |
| 8/17/2016 3:00 | 163.62 | 117.00 | ESE | 2.33 | 84.87 |
| 8/17/2016 4:00 | 162.41 | 89.00 | E | 2.33 | 86.07 |
| 8/17/2016 5:00 | 161.20 | 96.00 | E | 1.55 | 87.53 |
| 8/17/2016 6:00 | 160.87 | 100.00 | E | 1.88 | 88.00 |
| 8/17/2016 7:00 | 163.02 | 110.00 | ESE | 3.43 | 85.15 |
| 8/17/2016 8:00 | 169.67 | 154.00 | S | 3.31 | 77.43 |

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|-----------------|---------------------------|---|--|-------------------------------------|-------------------------------------|
| 8/17/2016 9:00 | 177.36 | 193.00 | SSW | 3.53 | 65.05 |
| 8/17/2016 10:00 | 183.70 | 174.00 | S | 2.74 | 56.55 |
| 8/17/2016 11:00 | 187.56 | 139.00 | SE | 3.30 | 53.58 |
| 8/17/2016 12:00 | 189.35 | 133.00 | SE | 4.07 | 49.57 |
| 8/17/2016 13:00 | 190.08 | 114.00 | ESE | 5.05 | 50.98 |
| 8/17/2016 14:00 | 189.82 | 105.00 | ESE | 5.54 | 53.38 |
| 8/17/2016 15:00 | 191.24 | 118.00 | ESE | 5.20 | 50.74 |
| 8/17/2016 16:00 | 192.69 | 117.00 | ESE | 5.02 | 48.03 |
| 8/17/2016 17:00 | 192.29 | 122.00 | ESE | 4.98 | 47.43 |
| 8/17/2016 18:00 | 189.91 | 112.00 | ESE | 4.42 | 49.92 |
| 8/17/2016 19:00 | 185.34 | 100.00 | E | 2.97 | 54.88 |
| 8/17/2016 20:00 | 180.48 | 94.00 | E | 2.07 | 58.55 |
| 8/17/2016 21:00 | 177.15 | 79.00 | E | 3.33 | 67.38 |
| 8/17/2016 22:00 | 174.09 | 97.00 | E | 3.97 | 74.25 |
| 8/17/2016 23:00 | 172.45 | 98.00 | E | 3.68 | 75.77 |
| 8/18/2016 0:00 | 171.31 | 83.00 | E | 3.16 | 77.40 |
| 8/18/2016 1:00 | 169.27 | 104.00 | ESE | 3.23 | 80.83 |
| 8/18/2016 2:00 | 167.61 | 98.00 | E | 2.59 | 83.12 |
| 8/18/2016 3:00 | 166.62 | 94.00 | E | 2.74 | 84.15 |
| 8/18/2016 4:00 | 165.21 | 97.00 | E | 2.37 | 85.47 |
| 8/18/2016 5:00 | 164.44 | 109.00 | ESE | 2.25 | 86.00 |
| 8/18/2016 6:00 | 163.98 | 109.00 | ESE | 2.29 | 86.58 |
| 8/18/2016 7:00 | 166.93 | 120.00 | ESE | 3.02 | 82.72 |
| 8/18/2016 8:00 | 173.65 | 126.00 | SE | 4.71 | 74.42 |
| 8/18/2016 9:00 | 178.63 | 143.00 | SE | 4.44 | 68.93 |
| 8/18/2016 10:00 | 183.83 | 141.00 | SE | 4.40 | 60.72 |
| 8/18/2016 11:00 | 188.82 | 147.00 | S | 4.49 | 55.42 |
| 8/18/2016 12:00 | 190.75 | 124.00 | SE | 5.59 | 50.28 |