

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) |
|-----------------|---------------------------|---|--|-------------------------------------|-------------------------------------|
| 9/12/2016 12:00 | 174.49 | 96.00 | E | 5.66 | 42.38 |
| 9/12/2016 13:00 | 177.70 | 83.00 | E | 4.88 | 39.50 |
| 9/12/2016 14:00 | 180.61 | 91.00 | E | 4.71 | 37.20 |
| 9/12/2016 15:00 | 182.82 | 84.00 | E | 4.83 | 35.05 |
| 9/12/2016 16:00 | 182.43 | 90.00 | E | 4.82 | 35.75 |
| 9/12/2016 17:00 | 181.05 | 80.00 | E | 4.89 | 37.50 |
| 9/12/2016 18:00 | 178.84 | 82.00 | E | 3.74 | 41.85 |
| 9/12/2016 19:00 | 171.13 | 85.00 | E | 1.85 | 49.75 |
| 9/12/2016 20:00 | 165.91 | 96.00 | E | 1.22 | 55.87 |
| 9/12/2016 21:00 | 163.07 | 63.00 | ENE | 1.36 | 57.20 |
| 9/12/2016 22:00 | 161.87 | 94.00 | E | 1.95 | 58.80 |
| 9/12/2016 23:00 | 160.04 | 80.00 | E | 2.00 | 61.30 |
| 9/13/2016 0:00 | 157.82 | 98.00 | E | 2.29 | 64.58 |
| 9/13/2016 1:00 | 155.56 | 111.00 | ESE | 2.60 | 68.40 |
| 9/13/2016 2:00 | 155.32 | 84.00 | E | 2.29 | 68.85 |
| 9/13/2016 3:00 | 153.79 | 71.00 | ENE | 1.57 | 70.10 |
| 9/13/2016 4:00 | 152.84 | 82.00 | E | 1.92 | 71.30 |
| 9/13/2016 5:00 | 150.27 | 61.00 | ENE | 1.01 | 74.85 |
| 9/13/2016 6:00 | 148.89 | 134.00 | SE | 1.25 | 77.15 |
| 9/13/2016 7:00 | 150.25 | 253.00 | WSW | 1.26 | 76.23 |
| 9/13/2016 8:00 | 159.30 | 111.00 | ESE | 3.08 | 66.13 |
| 9/13/2016 9:00 | 165.96 | 153.00 | S | 4.65 | 61.68 |
| 9/13/2016 10:00 | 173.37 | 132.00 | SE | 5.69 | 57.98 |
| 9/13/2016 11:00 | 181.16 | 138.00 | SE | 5.46 | 54.52 |
| 9/13/2016 12:00 | 185.69 | 150.00 | S | 4.48 | 52.62 |
| 9/13/2016 13:00 | 189.07 | 143.00 | SE | 4.41 | 48.88 |
| 9/13/2016 14:00 | 189.96 | 123.00 | ESE | 4.66 | 46.45 |
| 9/13/2016 15:00 | 190.87 | 133.00 | SE | 4.02 | 45.08 |
| 9/13/2016 16:00 | 190.34 | 116.00 | ESE | 3.46 | 48.03 |
| 9/13/2016 17:00 | 190.54 | 125.00 | SE | 2.11 | 48.40 |
| 9/13/2016 18:00 | 189.34 | 104.00 | ESE | 3.87 | 48.07 |
| 9/13/2016 19:00 | 182.47 | 138.00 | SE | 1.95 | 55.83 |
| 9/13/2016 20:00 | 175.04 | 255.00 | WSW | 1.87 | 66.97 |
| 9/13/2016 21:00 | 171.70 | 168.00 | S | 1.03 | 72.77 |
| 9/13/2016 22:00 | 169.97 | 132.00 | SE | 0.90 | 75.55 |
| 9/13/2016 23:00 | 170.80 | 103.00 | ESE | 1.46 | 75.13 |
| 9/14/2016 0:00 | 166.64 | 268.00 | W | 2.14 | 82.25 |
| 9/14/2016 1:00 | 164.92 | 151.00 | S | 1.43 | 84.62 |
| 9/14/2016 2:00 | 164.13 | 255.00 | WSW | 1.83 | 85.37 |
| 9/14/2016 3:00 | 162.11 | 246.00 | WSW | 3.66 | 84.28 |
| 9/14/2016 4:00 | 159.72 | 264.00 | W | 3.03 | 84.58 |
| 9/14/2016 5:00 | 157.60 | 307.00 | NW | 2.71 | 84.60 |
| 9/14/2016 6:00 | 156.12 | 272.00 | W | 2.09 | 85.83 |
| 9/14/2016 7:00 | 156.58 | 273.00 | W | 3.21 | 84.90 |
| 9/14/2016 8:00 | 160.74 | 283.00 | WNW | 5.47 | 80.85 |

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) |
|-----------------|---------------------------|---|--|-------------------------------------|-------------------------------------|
| 9/14/2016 9:00 | 165.86 | 300.00 | WNW | 5.85 | 74.18 |
| 9/14/2016 10:00 | 176.70 | 268.00 | W | 3.38 | 60.88 |
| 9/14/2016 11:00 | 181.17 | 277.00 | W | 4.05 | 55.15 |
| 9/14/2016 12:00 | 184.89 | 237.00 | WSW | 4.23 | 53.52 |
| 9/14/2016 13:00 | 184.56 | 268.00 | W | 6.57 | 53.13 |
| 9/14/2016 14:00 | 184.96 | 286.00 | WNW | 5.67 | 49.65 |
| 9/14/2016 15:00 | 187.39 | 304.00 | NW | 5.46 | 48.73 |
| 9/14/2016 16:00 | 186.56 | 281.00 | W | 7.61 | 49.20 |
| 9/14/2016 17:00 | 187.54 | 288.00 | WNW | 4.50 | 49.37 |
| 9/14/2016 18:00 | 182.80 | 284.00 | WNW | 4.16 | 55.63 |
| 9/14/2016 19:00 | 177.04 | 284.00 | WNW | 2.84 | 64.08 |
| 9/14/2016 20:00 | 173.33 | 305.00 | NW | 1.98 | 68.80 |
| 9/14/2016 21:00 | 171.04 | 315.00 | NW | 2.01 | 70.00 |
| 9/14/2016 22:00 | 169.04 | 291.00 | WNW | 1.94 | 72.37 |
| 9/14/2016 23:00 | 167.43 | 307.00 | NW | 2.65 | 73.63 |
| 9/15/2016 0:00 | 165.41 | 268.00 | W | 1.62 | 77.52 |
| 9/15/2016 1:00 | 164.07 | 282.00 | WNW | 1.61 | 78.37 |
| 9/15/2016 2:00 | 162.64 | 288.00 | WNW | 1.48 | 80.25 |
| 9/15/2016 3:00 | 161.79 | 291.00 | WNW | 1.70 | 81.60 |
| 9/15/2016 4:00 | 161.00 | 304.00 | NW | 1.62 | 82.48 |
| 9/15/2016 5:00 | 159.55 | 275.00 | W | 1.32 | 84.87 |
| 9/15/2016 6:00 | 158.67 | 302.00 | WNW | 1.40 | 86.35 |
| 9/15/2016 7:00 | 160.19 | 204.00 | SSW | 1.13 | 84.93 |
| 9/15/2016 8:00 | 167.32 | 256.00 | WSW | 2.21 | 75.95 |
| 9/15/2016 9:00 | 175.02 | 210.00 | SSW | 2.25 | 67.28 |
| 9/15/2016 10:00 | 182.36 | 182.00 | S | 2.70 | 60.08 |
| 9/15/2016 11:00 | 187.18 | 160.00 | S | 2.62 | 54.58 |