

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) |
|-----------------|---------------------------|---|--|-------------------------------------|-------------------------------------|
| 4/28/2016 12:00 | 66.63 | 273.00 | W | 8.97 | 48.48 |
| 4/28/2016 13:00 | 68.01 | 275.00 | W | 8.28 | 46.29 |
| 4/28/2016 14:00 | 70.09 | 263.00 | W | 8.40 | 42.50 |
| 4/28/2016 15:00 | 71.88 | 261.00 | W | 8.41 | 39.92 |
| 4/28/2016 16:00 | 73.16 | 302.00 | WNW | 6.30 | 39.15 |
| 4/28/2016 17:00 | 72.24 | 308.00 | NW | 7.28 | 42.55 |
| 4/28/2016 18:00 | 70.70 | 303.00 | WNW | 6.90 | 47.50 |
| 4/28/2016 19:00 | 66.81 | 305.00 | NW | 7.52 | 54.24 |
| 4/28/2016 20:00 | 63.26 | 306.00 | NW | 6.69 | 60.05 |
| 4/28/2016 21:00 | 61.47 | 266.00 | W | 4.42 | 62.58 |
| 4/28/2016 22:00 | 60.25 | 307.00 | NW | 2.45 | 65.58 |
| 4/28/2016 23:00 | 59.41 | 323.00 | NW | 2.79 | 66.51 |
| 4/29/2016 0:00 | 58.43 | 316.00 | NW | 2.37 | 69.05 |
| 4/29/2016 1:00 | 57.38 | 294.00 | WNW | 1.63 | 71.88 |
| 4/29/2016 2:00 | 57.11 | 252.00 | WSW | 2.55 | 72.47 |
| 4/29/2016 3:00 | 56.59 | 296.00 | WNW | 2.83 | 74.02 |
| 4/29/2016 4:00 | 56.11 | 298.00 | WNW | 2.31 | 75.13 |
| 4/29/2016 5:00 | 55.20 | 190.00 | S | 3.16 | 78.51 |
| 4/29/2016 6:00 | 53.67 | 62.00 | ENE | 2.42 | 82.80 |
| 4/29/2016 7:00 | 54.96 | 51.00 | NE | 4.16 | 76.82 |
| 4/29/2016 8:00 | 56.53 | 58.00 | ENE | 4.92 | 72.07 |
| 4/29/2016 9:00 | 58.14 | 55.00 | NE | 5.72 | 68.65 |
| 4/29/2016 10:00 | 60.84 | 85.00 | E | 3.91 | 60.72 |
| 4/29/2016 11:00 | 63.55 | 138.00 | SE | 2.30 | 55.76 |
| 4/29/2016 12:00 | 64.33 | 96.00 | E | 2.44 | 54.95 |
| 4/29/2016 13:00 | 64.25 | 93.00 | E | 3.75 | 56.44 |
| 4/29/2016 14:00 | 65.35 | 91.00 | E | 3.95 | 55.90 |
| 4/29/2016 15:00 | 67.87 | 111.00 | ESE | 2.84 | 52.68 |
| 4/29/2016 16:00 | 66.33 | 104.00 | ESE | 2.61 | 56.39 |
| 4/29/2016 17:00 | 65.45 | 84.00 | E | 2.78 | 59.10 |
| 4/29/2016 18:00 | 64.20 | 83.00 | E | 4.13 | 63.33 |
| 4/29/2016 19:00 | 63.48 | 85.00 | E | 3.55 | 66.60 |
| 4/29/2016 20:00 | 63.06 | 66.00 | ENE | 3.88 | 67.90 |
| 4/29/2016 21:00 | 62.87 | 71.00 | ENE | 4.46 | 68.92 |
| 4/29/2016 22:00 | 62.73 | 107.00 | ESE | 3.21 | 70.53 |
| 4/29/2016 23:00 | 60.30 | 115.00 | ESE | 2.83 | 82.46 |
| 4/30/2016 0:00 | 57.94 | 126.00 | SE | 2.97 | 91.40 |
| 4/30/2016 1:00 | 57.80 | 134.00 | SE | 2.89 | 92.00 |
| 4/30/2016 2:00 | 57.88 | 129.00 | SE | 2.19 | 91.95 |
| 4/30/2016 3:00 | 57.83 | 153.00 | S | 1.70 | 92.00 |
| 4/30/2016 4:00 | 57.62 | 139.00 | SE | 2.27 | 92.56 |
| 4/30/2016 5:00 | 57.74 | 150.00 | S | 2.27 | 92.82 |
| 4/30/2016 6:00 | 58.08 | 147.00 | S | 2.03 | 93.00 |
| 4/30/2016 7:00 | 58.59 | 132.00 | SE | 3.10 | 92.41 |
| 4/30/2016 8:00 | 59.66 | 153.00 | S | 2.33 | 91.52 |

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|-----------------|---------------------------|---|--|-------------------------------------|-------------------------------------|
| 4/30/2016 9:00 | 60.81 | 144.00 | SE | 2.45 | 90.76 |
| 4/30/2016 10:00 | 61.64 | 143.00 | SE | 2.22 | 91.54 |
| 4/30/2016 11:00 | 64.17 | 167.00 | S | 4.23 | 87.83 |
| 4/30/2016 12:00 | 66.15 | 178.00 | S | 5.35 | 83.05 |
| 4/30/2016 13:00 | 67.99 | 164.00 | S | 4.16 | 79.37 |
| 4/30/2016 14:00 | 69.31 | 179.00 | S | 5.01 | 77.37 |
| 4/30/2016 15:00 | 72.62 | 194.00 | SSW | 5.12 | 68.73 |
| 4/30/2016 16:00 | 76.57 | 202.00 | SSW | 5.46 | 59.18 |
| 4/30/2016 17:00 | 77.50 | 169.00 | S | 3.57 | 55.80 |
| 4/30/2016 18:00 | 73.47 | 135.00 | SE | 3.75 | 63.80 |
| 4/30/2016 19:00 | 62.59 | 76.00 | ENE | 5.12 | 79.41 |
| 4/30/2016 20:00 | 61.79 | 150.00 | S | 2.86 | 77.43 |
| 4/30/2016 21:00 | 60.96 | 169.00 | S | 3.29 | 75.82 |
| 4/30/2016 22:00 | 60.81 | 170.00 | S | 2.75 | 81.57 |
| 4/30/2016 23:00 | 60.79 | 175.00 | S | 5.41 | 88.54 |
| 5/1/2016 0:00 | 61.19 | 109.00 | ESE | 3.61 | 86.67 |
| 5/1/2016 1:00 | 60.23 | 179.00 | S | 3.15 | 88.75 |
| 5/1/2016 2:00 | 59.39 | 163.00 | S | 1.49 | 89.93 |
| 5/1/2016 3:00 | 58.15 | 163.00 | S | 1.39 | 92.24 |
| 5/1/2016 4:00 | 57.51 | 126.00 | SE | 1.02 | 92.21 |
| 5/1/2016 5:00 | 56.76 | 149.00 | S | 1.50 | 93.62 |
| 5/1/2016 6:00 | 57.06 | 156.00 | S | 1.48 | 94.00 |
| 5/1/2016 7:00 | 59.99 | 255.00 | WSW | 2.93 | 89.84 |
| 5/1/2016 8:00 | 61.59 | 298.00 | WNW | 4.15 | 84.38 |
| 5/1/2016 9:00 | 62.02 | 316.00 | NW | 4.83 | 81.92 |
| 5/1/2016 10:00 | 62.20 | 209.00 | SSW | 5.67 | 81.26 |
| 5/1/2016 11:00 | 64.07 | 165.00 | S | 5.48 | 76.41 |
| 5/1/2016 12:00 | 65.16 | 210.00 | SSW | 5.55 | 73.92 |
| 5/1/2016 13:00 | 67.43 | 123.00 | ESE | 4.07 | 69.88 |
| 5/1/2016 14:00 | 70.24 | 133.00 | SE | 4.10 | 63.35 |
| 5/1/2016 15:00 | 72.46 | 253.00 | WSW | 4.36 | 53.45 |
| 5/1/2016 16:00 | 71.96 | 290.00 | WNW | 7.34 | 58.97 |
| 5/1/2016 17:00 | 69.78 | 309.00 | NW | 11.14 | 51.44 |
| 5/1/2016 18:00 | 68.92 | 296.00 | WNW | 9.73 | 44.15 |
| 5/1/2016 19:00 | 66.47 | 295.00 | WNW | 8.10 | 43.10 |
| 5/1/2016 20:00 | 62.92 | 301.00 | WNW | 7.30 | 52.53 |
| 5/1/2016 21:00 | 60.09 | 305.00 | NW | 6.80 | 64.12 |
| 5/1/2016 22:00 | 57.92 | 315.00 | NW | 6.68 | 71.65 |
| 5/1/2016 23:00 | 55.99 | 315.00 | NW | 6.49 | 78.25 |
| 5/2/2016 0:00 | 54.41 | 311.00 | NW | 7.07 | 80.61 |
| 5/2/2016 1:00 | 53.70 | 311.00 | NW | 6.25 | 82.35 |
| 5/2/2016 2:00 | 53.59 | 309.00 | NW | 6.83 | 80.85 |
| 5/2/2016 3:00 | 53.38 | 308.00 | NW | 7.12 | 77.70 |
| 5/2/2016 4:00 | 52.99 | 301.00 | WNW | 6.87 | 77.49 |
| 5/2/2016 5:00 | 52.27 | 237.00 | WSW | 6.93 | 80.72 |

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|----------------|---------------------------|---|--|-------------------------------------|-------------------------------------|
| 5/2/2016 6:00 | 51.95 | 179.00 | S | 5.08 | 83.55 |
| 5/2/2016 7:00 | 52.39 | 300.00 | WNW | 5.00 | 81.60 |
| 5/2/2016 8:00 | 53.18 | 273.00 | W | 5.48 | 78.23 |
| 5/2/2016 9:00 | 54.40 | 280.00 | W | 3.58 | 74.08 |
| 5/2/2016 10:00 | 54.61 | 240.00 | WSW | 3.70 | 73.32 |
| 5/2/2016 11:00 | 55.85 | 292.00 | WNW | 3.38 | 70.05 |
| 5/2/2016 12:00 | 55.66 | 301.00 | WNW | 3.91 | 72.03 |