

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) |
|-----------------|---------------------------|---|--|-------------------------------------|-------------------------------------|
| 5/29/2014 12:00 | 84.63 | 144.00 | SE | 2.51 | 52.18 |
| 5/29/2014 13:00 | 85.81 | 162.00 | S | 2.86 | 46.25 |
| 5/29/2014 14:00 | 87.76 | 168.00 | S | 3.56 | 43.44 |
| 5/29/2014 15:00 | 88.38 | 169.00 | S | 3.13 | 42.14 |
| 5/29/2014 16:00 | 89.37 | 133.00 | SE | 2.58 | 40.24 |
| 5/29/2014 17:00 | 86.89 | 92.00 | E | 3.71 | 45.95 |
| 5/29/2014 18:00 | 86.38 | 116.00 | ESE | 2.33 | 46.85 |
| 5/29/2014 19:00 | 85.04 | 155.00 | S | 1.97 | 46.87 |
| 5/29/2014 20:00 | 82.10 | 157.00 | S | 1.98 | 48.90 |
| 5/29/2014 21:00 | 80.24 | 184.00 | S | 1.17 | 54.47 |
| 5/29/2014 22:00 | 78.12 | 71.00 | ENE | 1.59 | 60.43 |
| 5/29/2014 23:00 | 77.47 | 69.00 | ENE | 1.27 | 63.31 |
| 5/30/2014 0:00 | 76.27 | 100.00 | E | 0.73 | 67.59 |
| 5/30/2014 1:00 | 75.19 | 151.00 | S | 0.54 | 71.26 |
| 5/30/2014 2:00 | 73.73 | 126.00 | SE | 0.63 | 75.22 |
| 5/30/2014 3:00 | 72.66 | 117.00 | ESE | 0.74 | 77.79 |
| 5/30/2014 4:00 | 71.61 | 131.00 | SE | 0.90 | 80.65 |
| 5/30/2014 5:00 | 70.32 | 78.00 | ENE | 1.97 | 83.28 |
| 5/30/2014 6:00 | 71.13 | 55.00 | NE | 1.59 | 82.76 |
| 5/30/2014 7:00 | 76.60 | 103.00 | ESE | 1.57 | 72.15 |
| 5/30/2014 8:00 | 81.12 | 85.00 | E | 3.01 | 62.64 |
| 5/30/2014 9:00 | 82.01 | 100.00 | E | 4.05 | 58.08 |
| 5/30/2014 10:00 | 84.49 | 84.00 | E | 3.53 | 51.97 |
| 5/30/2014 11:00 | 83.66 | 83.00 | E | 3.15 | 53.34 |
| 5/30/2014 12:00 | 85.34 | 100.00 | E | 6.09 | 52.36 |
| 5/30/2014 13:00 | 84.52 | 89.00 | E | 5.87 | 54.05 |
| 5/30/2014 14:00 | 74.21 | 219.00 | SW | 3.05 | 81.05 |
| 5/30/2014 15:00 | 76.94 | 191.00 | SSW | 2.16 | 75.76 |
| 5/30/2014 16:00 | 79.68 | 138.00 | SE | 4.49 | 64.53 |
| 5/30/2014 17:00 | 78.92 | 136.00 | SE | 1.33 | 70.22 |
| 5/30/2014 18:00 | 76.76 | 198.00 | SSW | 1.17 | 78.90 |
| 5/30/2014 19:00 | 75.51 | 164.00 | S | 1.23 | 81.78 |
| 5/30/2014 20:00 | 75.30 | 66.00 | ENE | 1.98 | 80.49 |
| 5/30/2014 21:00 | 75.29 | 112.00 | ESE | 0.94 | 79.59 |
| 5/30/2014 22:00 | 74.97 | 129.00 | SE | 0.98 | 79.23 |
| 5/30/2014 23:00 | 74.76 | 132.00 | SE | 0.70 | 80.03 |
| 5/31/2014 0:00 | 73.49 | 110.00 | ESE | 0.86 | 82.65 |
| 5/31/2014 1:00 | 72.02 | 108.00 | ESE | 0.68 | 85.29 |
| 5/31/2014 2:00 | 70.79 | 61.00 | ENE | 1.30 | 86.53 |
| 5/31/2014 3:00 | 69.53 | 54.00 | NE | 1.70 | 88.61 |
| 5/31/2014 4:00 | 68.90 | 76.00 | ENE | 1.00 | 89.63 |
| 5/31/2014 5:00 | 68.62 | 109.00 | ESE | 1.06 | 90.27 |
| 5/31/2014 6:00 | 70.20 | 63.00 | ENE | 1.39 | 88.38 |
| 5/31/2014 7:00 | 73.20 | 109.00 | ESE | 2.02 | 82.09 |
| 5/31/2014 8:00 | 78.27 | 86.00 | E | 1.92 | 70.85 |

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| 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) |
|-----------------|---------------------------|---|--|-------------------------------------|-------------------------------------|
| 5/31/2014 9:00 | 82.57 | 158.00 | S | 2.00 | 62.21 |
| 5/31/2014 10:00 | 86.03 | 128.00 | SE | 2.32 | 55.37 |
| 5/31/2014 11:00 | 88.99 | 145.00 | SE | 2.75 | 46.32 |
| 5/31/2014 12:00 | 89.66 | 149.00 | S | 2.64 | 45.13 |
| 5/31/2014 13:00 | 91.11 | 113.00 | ESE | 2.75 | 42.13 |
| 5/31/2014 14:00 | 86.20 | 135.00 | SE | 2.40 | 55.23 |
| 5/31/2014 15:00 | 81.41 | 94.00 | E | 2.72 | 66.78 |
| 5/31/2014 16:00 | 79.40 | 106.00 | ESE | 4.09 | 69.15 |
| 5/31/2014 17:00 | 75.99 | 119.00 | ESE | 1.30 | 81.75 |
| 5/31/2014 18:00 | 77.40 | 134.00 | SE | 0.85 | 75.05 |
| 5/31/2014 19:00 | 79.52 | 151.00 | S | 1.16 | 70.10 |
| 5/31/2014 20:00 | 76.15 | 186.00 | S | 0.98 | 79.46 |
| 5/31/2014 21:00 | 75.02 | 172.00 | S | 0.69 | 83.20 |
| 5/31/2014 22:00 | 74.84 | 138.00 | SE | 0.85 | 82.88 |
| 5/31/2014 23:00 | 75.36 | 148.00 | S | 1.12 | 79.63 |
| 6/1/2014 0:00 | 75.25 | 139.00 | SE | 1.31 | 80.27 |
| 6/1/2014 1:00 | 74.81 | 114.00 | ESE | 1.40 | 82.30 |
| 6/1/2014 2:00 | 73.79 | 129.00 | SE | 1.17 | 85.00 |
| 6/1/2014 3:00 | 73.11 | 145.00 | SE | 1.50 | 85.85 |
| 6/1/2014 4:00 | 72.77 | 142.00 | SE | 1.99 | 85.35 |
| 6/1/2014 5:00 | 72.11 | 124.00 | SE | 0.95 | 86.51 |
| 6/1/2014 6:00 | 73.99 | 149.00 | S | 1.45 | 80.90 |
| 6/1/2014 7:00 | 77.67 | 181.00 | S | 2.84 | 71.55 |
| 6/1/2014 8:00 | 80.74 | 192.00 | SSW | 3.61 | 65.31 |
| 6/1/2014 9:00 | 83.23 | 197.00 | SSW | 4.54 | 60.49 |
| 6/1/2014 10:00 | 84.23 | 211.00 | SSW | 5.90 | 58.93 |
| 6/1/2014 11:00 | 85.94 | 211.00 | SSW | 6.08 | 53.77 |
| 6/1/2014 12:00 | 85.97 | 189.00 | S | 5.47 | 53.33 |
| 6/1/2014 13:00 | 87.53 | 193.00 | SSW | 5.40 | 50.30 |
| 6/1/2014 14:00 | 89.12 | 195.00 | SSW | 7.84 | 43.24 |
| 6/1/2014 15:00 | 88.83 | 194.00 | SSW | 7.32 | 44.26 |
| 6/1/2014 16:00 | 84.32 | 194.00 | SSW | 4.96 | 59.26 |
| 6/1/2014 17:00 | 85.55 | 201.00 | SSW | 6.79 | 52.74 |
| 6/1/2014 18:00 | 85.84 | 192.00 | SSW | 6.30 | 48.84 |
| 6/1/2014 19:00 | 84.39 | 194.00 | SSW | 5.08 | 53.00 |
| 6/1/2014 20:00 | 81.82 | 181.00 | S | 4.04 | 58.72 |
| 6/1/2014 21:00 | 80.20 | 182.00 | S | 4.48 | 61.74 |
| 6/1/2014 22:00 | 79.14 | 183.00 | S | 3.14 | 65.71 |
| 6/1/2014 23:00 | 78.56 | 184.00 | S | 4.07 | 66.75 |
| 6/2/2014 0:00 | 78.50 | 180.00 | S | 4.18 | 67.22 |
| 6/2/2014 1:00 | 77.12 | 179.00 | S | 3.99 | 70.28 |
| 6/2/2014 2:00 | 76.08 | 189.00 | S | 5.05 | 71.59 |
| 6/2/2014 3:00 | 75.21 | 185.00 | S | 4.88 | 73.23 |
| 6/2/2014 4:00 | 74.56 | 184.00 | S | 4.82 | 74.97 |
| 6/2/2014 5:00 | 74.29 | 189.00 | S | 5.47 | 75.05 |

