

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) |
|-----------------|---------------------------|---|--|-------------------------------------|-------------------------------------|
| 2/13/2014 12:00 | 41.30 | 234.00 | SW | 10.37 | 49.15 |
| 2/13/2014 13:00 | 44.35 | 228.00 | SW | 10.56 | 47.32 |
| 2/13/2014 14:00 | 46.89 | 228.00 | SW | 9.30 | 43.24 |
| 2/13/2014 15:00 | 48.65 | 242.00 | WSW | 9.73 | 40.26 |
| 2/13/2014 16:00 | 48.55 | 250.00 | WSW | 8.95 | 40.81 |
| 2/13/2014 17:00 | 46.53 | 256.00 | WSW | 6.82 | 45.88 |
| 2/13/2014 18:00 | 42.89 | 233.00 | SW | 4.11 | 54.38 |
| 2/13/2014 19:00 | 42.01 | 258.00 | WSW | 5.19 | 57.24 |
| 2/13/2014 20:00 | 41.09 | 251.00 | WSW | 6.28 | 61.34 |
| 2/13/2014 21:00 | 39.67 | 242.00 | WSW | 5.06 | 65.54 |
| 2/13/2014 22:00 | 37.89 | 223.00 | SW | 4.46 | 69.85 |
| 2/13/2014 23:00 | 36.70 | 219.00 | SW | 3.69 | 73.24 |
| 2/14/2014 0:00 | 35.26 | 226.00 | SW | 2.75 | 77.03 |
| 2/14/2014 1:00 | 33.44 | 236.00 | WSW | 1.17 | 81.79 |
| 2/14/2014 2:00 | | 108.00 | ESE | 1.34 | 86.89 |
| 2/14/2014 3:00 | | 153.00 | S | 1.34 | 90.18 |
| 2/14/2014 4:00 | | 155.00 | S | 1.33 | 89.84 |
| 2/14/2014 5:00 | | 58.00 | ENE | 3.07 | 87.97 |
| 2/14/2014 6:00 | | 88.00 | E | 4.00 | 82.32 |
| 2/14/2014 7:00 | | 98.00 | E | 3.59 | 78.37 |
| 2/14/2014 8:00 | 32.00 | 67.00 | ENE | 5.59 | 81.00 |
| 2/14/2014 9:00 | | 95.00 | E | 7.99 | 87.54 |
| 2/14/2014 10:00 | | 58.00 | ENE | 7.66 | 93.38 |
| 2/14/2014 11:00 | | 85.00 | E | 9.77 | 88.36 |
| 2/14/2014 12:00 | | 195.00 | SSW | 11.31 | 87.08 |
| 2/14/2014 13:00 | | 298.00 | WNW | 10.95 | 90.15 |
| 2/14/2014 14:00 | | 331.00 | NNW | 11.27 | 92.71 |
| 2/14/2014 15:00 | | 298.00 | WNW | 9.15 | 91.86 |
| 2/14/2014 16:00 | | 315.00 | NW | 8.47 | 86.64 |
| 2/14/2014 17:00 | | 319.00 | NW | 9.55 | 81.76 |
| 2/14/2014 18:00 | | 326.00 | NW | 6.16 | 82.36 |
| 2/14/2014 19:00 | | 303.00 | WNW | 5.38 | 80.18 |
| 2/14/2014 20:00 | | 303.00 | WNW | 6.32 | 76.68 |
| 2/14/2014 21:00 | | 313.00 | NW | 7.05 | 73.35 |
| 2/14/2014 22:00 | | 310.00 | NW | 6.03 | 72.41 |
| 2/14/2014 23:00 | | 303.00 | WNW | 6.43 | 72.29 |
| 2/15/2014 0:00 | | 306.00 | NW | 5.46 | 73.03 |
| 2/15/2014 1:00 | | 314.00 | NW | 5.05 | 74.33 |
| 2/15/2014 2:00 | | 310.00 | NW | 5.26 | 75.08 |
| 2/15/2014 3:00 | | 315.00 | NW | 2.19 | 76.03 |
| 2/15/2014 4:00 | | 308.00 | NW | 2.41 | 78.00 |
| 2/15/2014 5:00 | | 298.00 | WNW | 2.67 | 78.46 |
| 2/15/2014 6:00 | | 294.00 | WNW | 2.09 | 79.98 |
| 2/15/2014 7:00 | | 276.00 | W | 2.56 | 78.27 |
| 2/15/2014 8:00 | | 172.00 | S | 2.07 | 69.78 |

Temperature data below freezing was not valid and is not included on this report

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|-----------------|---------------------------|---|--|-------------------------------------|-------------------------------------|
| 2/15/2014 9:00 | | 171.00 | S | 3.69 | 65.56 |
| 2/15/2014 10:00 | | 190.00 | S | 5.15 | 63.53 |
| 2/15/2014 11:00 | | 209.00 | SSW | 4.54 | 61.03 |
| 2/15/2014 12:00 | | 145.00 | SE | 3.86 | 57.70 |
| 2/15/2014 13:00 | | 152.00 | S | 4.36 | 58.03 |
| 2/15/2014 14:00 | | 150.00 | S | 5.21 | 59.95 |
| 2/15/2014 15:00 | | 144.00 | SE | 5.26 | 60.29 |
| 2/15/2014 16:00 | | 151.00 | S | 5.46 | 65.30 |
| 2/15/2014 17:00 | | 175.00 | S | 7.37 | 67.76 |
| 2/15/2014 18:00 | | 187.00 | S | 5.23 | 68.31 |
| 2/15/2014 19:00 | | 196.00 | SSW | 4.29 | 67.37 |
| 2/15/2014 20:00 | | 166.00 | S | 2.58 | 69.28 |
| 2/15/2014 21:00 | | 162.00 | S | 2.58 | 71.53 |
| 2/15/2014 22:00 | | 143.00 | SE | 1.51 | 70.20 |
| 2/15/2014 23:00 | | 156.00 | S | 2.30 | 68.92 |
| 2/16/2014 0:00 | | 188.00 | S | 3.16 | 67.86 |
| 2/16/2014 1:00 | | 235.00 | SW | 3.65 | 70.37 |
| 2/16/2014 2:00 | | 270.00 | W | 4.27 | 73.45 |
| 2/16/2014 3:00 | | 308.00 | NW | 7.62 | 74.84 |
| 2/16/2014 4:00 | | 309.00 | NW | 6.82 | 78.55 |
| 2/16/2014 5:00 | | 317.00 | NW | 9.97 | 79.78 |
| 2/16/2014 6:00 | | 242.00 | WSW | 9.33 | 79.41 |
| 2/16/2014 7:00 | | 179.00 | S | 6.42 | 78.95 |
| 2/16/2014 8:00 | | 240.00 | WSW | 5.66 | 76.95 |
| 2/16/2014 9:00 | | 90.00 | E | 4.72 | 74.41 |
| 2/16/2014 10:00 | | 300.00 | WNW | 6.14 | 72.64 |
| 2/16/2014 11:00 | | 107.00 | ESE | 6.71 | 71.77 |
| 2/16/2014 12:00 | | 93.00 | E | 5.83 | 70.90 |
| 2/16/2014 13:00 | | 237.00 | WSW | 4.84 | 71.26 |
| 2/16/2014 14:00 | 32.63 | 182.00 | S | 2.35 | 67.73 |
| 2/16/2014 15:00 | 33.11 | 76.00 | ENE | 3.05 | 65.50 |
| 2/16/2014 16:00 | 34.16 | 114.00 | ESE | 2.30 | 62.56 |
| 2/16/2014 17:00 | 32.50 | 130.00 | SE | 2.08 | 67.88 |
| 2/16/2014 18:00 | | 98.00 | E | 3.28 | 73.13 |
| 2/16/2014 19:00 | | 118.00 | ESE | 3.78 | 75.56 |
| 2/16/2014 20:00 | | 122.00 | ESE | 4.45 | 76.00 |
| 2/16/2014 21:00 | | 123.00 | ESE | 5.32 | 76.03 |
| 2/16/2014 22:00 | | 116.00 | ESE | 5.15 | 76.07 |
| 2/16/2014 23:00 | | 129.00 | SE | 5.42 | 74.28 |
| 2/17/2014 0:00 | | 135.00 | SE | 5.64 | 73.46 |
| 2/17/2014 1:00 | | 127.00 | SE | 4.04 | 73.37 |
| 2/17/2014 2:00 | | 127.00 | SE | 5.88 | 74.90 |
| 2/17/2014 3:00 | | 131.00 | SE | 6.49 | 75.56 |
| 2/17/2014 4:00 | | 133.00 | SE | 5.94 | 78.15 |
| 2/17/2014 5:00 | | 139.00 | SE | 6.29 | 84.62 |

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|-----------------|---------------------------|---|--|-------------------------------------|-------------------------------------|
| 2/17/2014 6:00 | | 133.00 | SE | 5.08 | 86.12 |
| 2/17/2014 7:00 | | 140.00 | SE | 5.98 | 86.00 |
| 2/17/2014 8:00 | | 157.00 | S | 4.29 | 85.09 |
| 2/17/2014 9:00 | 32.20 | 158.00 | S | 3.32 | 84.63 |
| 2/17/2014 10:00 | 32.40 | 144.00 | SE | 3.01 | 87.39 |
| 2/17/2014 11:00 | 32.63 | 203.00 | SSW | 2.06 | 92.00 |
| 2/17/2014 12:00 | 33.18 | 228.00 | SW | 3.87 | 94.03 |

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