

Bridgeton Sanitary Landfill  
Hourly Average Meteorological Data

| Date and Hour    | Avg. Temp.<br>(Degrees F) | Avg. Wind From<br>(Directional Degrees) | Avg. Wind From<br>(Cardinal Direction) | Avg. Wind Speed<br>(Miles per Hour) | Avg. Relative<br>Humidity (Percent) |
|------------------|---------------------------|-----------------------------------------|----------------------------------------|-------------------------------------|-------------------------------------|
| 12/25/2014 12:00 | 50.17                     | 181.00                                  | S                                      | 7.72                                | 47.62                               |
| 12/25/2014 13:00 | 52.75                     | 182.00                                  | S                                      | 7.91                                | 40.55                               |
| 12/25/2014 14:00 | 54.17                     | 181.00                                  | S                                      | 7.85                                | 35.38                               |
| 12/25/2014 15:00 | 53.88                     | 178.00                                  | S                                      | 6.96                                | 36.33                               |
| 12/25/2014 16:00 | 51.39                     | 163.00                                  | S                                      | 5.34                                | 44.00                               |
| 12/25/2014 17:00 | 48.27                     | 167.00                                  | S                                      | 5.15                                | 52.78                               |
| 12/25/2014 18:00 | 47.68                     | 166.00                                  | S                                      | 7.09                                | 54.46                               |
| 12/25/2014 19:00 | 46.32                     | 167.00                                  | S                                      | 8.32                                | 59.86                               |
| 12/25/2014 20:00 | 44.98                     | 166.00                                  | S                                      | 6.28                                | 65.51                               |
| 12/25/2014 21:00 | 44.66                     | 170.00                                  | S                                      | 6.49                                | 70.40                               |
| 12/25/2014 22:00 | 44.33                     | 173.00                                  | S                                      | 5.94                                | 72.13                               |
| 12/25/2014 23:00 | 43.29                     | 165.00                                  | S                                      | 3.36                                | 74.33                               |
| 12/26/2014 0:00  | 41.94                     | 156.00                                  | S                                      | 2.37                                | 77.53                               |
| 12/26/2014 1:00  | 41.87                     | 157.00                                  | S                                      | 3.08                                | 77.62                               |
| 12/26/2014 2:00  | 42.26                     | 157.00                                  | S                                      | 2.93                                | 76.49                               |
| 12/26/2014 3:00  | 41.90                     | 152.00                                  | S                                      | 2.11                                | 77.35                               |
| 12/26/2014 4:00  | 41.75                     | 165.00                                  | S                                      | 3.16                                | 77.27                               |
| 12/26/2014 5:00  | 42.26                     | 165.00                                  | S                                      | 4.23                                | 76.00                               |
| 12/26/2014 6:00  | 42.09                     | 183.00                                  | S                                      | 5.02                                | 76.82                               |
| 12/26/2014 7:00  | 41.92                     | 180.00                                  | S                                      | 4.01                                | 78.05                               |
| 12/26/2014 8:00  | 44.13                     | 184.00                                  | S                                      | 5.50                                | 74.72                               |
| 12/26/2014 9:00  | 47.94                     | 189.00                                  | S                                      | 6.11                                | 68.79                               |
| 12/26/2014 10:00 | 51.62                     | 196.00                                  | SSW                                    | 7.59                                | 63.65                               |
| 12/26/2014 11:00 | 55.23                     | 190.00                                  | S                                      | 6.57                                | 58.03                               |
| 12/26/2014 12:00 | 58.23                     | 198.00                                  | SSW                                    | 7.42                                | 53.90                               |
| 12/26/2014 13:00 | 60.66                     | 189.00                                  | S                                      | 6.63                                | 50.56                               |
| 12/26/2014 14:00 | 61.55                     | 178.00                                  | S                                      | 6.18                                | 49.14                               |
| 12/26/2014 15:00 | 60.42                     | 178.00                                  | S                                      | 6.30                                | 51.82                               |
| 12/26/2014 16:00 | 58.84                     | 170.00                                  | S                                      | 4.78                                | 56.26                               |
| 12/26/2014 17:00 | 56.79                     | 172.00                                  | S                                      | 5.42                                | 62.58                               |
| 12/26/2014 18:00 | 55.53                     | 169.00                                  | S                                      | 5.34                                | 65.46                               |
| 12/26/2014 19:00 | 53.96                     | 169.00                                  | S                                      | 5.21                                | 65.76                               |
| 12/26/2014 20:00 | 53.50                     | 175.00                                  | S                                      | 7.05                                | 61.00                               |
| 12/26/2014 21:00 | 53.01                     | 177.00                                  | S                                      | 6.55                                | 62.68                               |
| 12/26/2014 22:00 | 50.42                     | 192.00                                  | SSW                                    | 4.78                                | 77.66                               |
| 12/26/2014 23:00 | 48.13                     | 188.00                                  | S                                      | 4.28                                | 89.92                               |
| 12/27/2014 0:00  | 48.23                     | 185.00                                  | S                                      | 5.26                                | 90.62                               |
| 12/27/2014 1:00  | 48.89                     | 189.00                                  | S                                      | 4.48                                | 89.11                               |
| 12/27/2014 2:00  | 49.36                     | 193.00                                  | SSW                                    | 4.03                                | 87.74                               |
| 12/27/2014 3:00  | 49.43                     | 182.00                                  | S                                      | 4.36                                | 87.15                               |
| 12/27/2014 4:00  | 49.68                     | 189.00                                  | S                                      | 3.84                                | 87.00                               |
| 12/27/2014 5:00  | 49.88                     | 181.00                                  | S                                      | 4.85                                | 86.72                               |
| 12/27/2014 6:00  | 49.49                     | 180.00                                  | S                                      | 3.65                                | 87.51                               |
| 12/27/2014 7:00  | 49.28                     | 191.00                                  | SSW                                    | 3.81                                | 88.54                               |
| 12/27/2014 8:00  | 48.74                     | 246.00                                  | WSW                                    | 6.63                                | 88.35                               |

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|------------------|---------------------------|-----------------------------------------|----------------------------------------|-------------------------------------|-------------------------------------|
| 12/27/2014 9:00  | 45.06                     | 288.00                                  | WNW                                    | 9.87                                | 82.95                               |
| 12/27/2014 10:00 | 42.45                     | 292.00                                  | WNW                                    | 8.41                                | 79.51                               |
| 12/27/2014 11:00 | 41.70                     | 297.00                                  | WNW                                    | 8.67                                | 75.76                               |
| 12/27/2014 12:00 | 40.74                     | 290.00                                  | WNW                                    | 7.71                                | 80.71                               |
| 12/27/2014 13:00 | 39.69                     | 307.00                                  | NW                                     | 5.16                                | 84.55                               |
| 12/27/2014 14:00 | 39.20                     | 305.00                                  | NW                                     | 5.75                                | 84.45                               |
| 12/27/2014 15:00 | 37.79                     | 309.00                                  | NW                                     | 6.19                                | 88.53                               |
| 12/27/2014 16:00 | 36.56                     | 293.00                                  | WNW                                    | 5.05                                | 89.29                               |
| 12/27/2014 17:00 | 35.32                     | 300.00                                  | WNW                                    | 4.52                                | 92.00                               |
| 12/27/2014 18:00 | 35.19                     | 296.00                                  | WNW                                    | 5.20                                | 92.13                               |
| 12/27/2014 19:00 | 35.52                     | 292.00                                  | WNW                                    | 5.03                                | 90.58                               |
| 12/27/2014 20:00 | 35.70                     | 308.00                                  | NW                                     | 4.75                                | 88.10                               |
| 12/27/2014 21:00 | 35.37                     | 327.00                                  | NNW                                    | 7.56                                | 79.53                               |
| 12/27/2014 22:00 | 34.70                     | 320.00                                  | NW                                     | 7.73                                | 77.08                               |
| 12/27/2014 23:00 | 33.79                     | 321.00                                  | NW                                     | 6.94                                | 74.53                               |
| 12/28/2014 0:00  | 33.28                     | 309.00                                  | NW                                     | 6.10                                | 74.38                               |
| 12/28/2014 1:00  | 33.08                     | 326.00                                  | NW                                     | 6.22                                | 74.29                               |
| 12/28/2014 2:00  | 32.78                     | 325.00                                  | NW                                     | 5.74                                | 75.49                               |
| 12/28/2014 3:00  | 32.32                     | 297.00                                  | WNW                                    | 6.55                                | 75.67                               |
| 12/28/2014 4:00  |                           | 300.00                                  | WNW                                    | 5.59                                | 77.05                               |
| 12/28/2014 5:00  |                           | 313.00                                  | NW                                     | 4.93                                | 77.97                               |
| 12/28/2014 6:00  |                           | 307.00                                  | NW                                     | 5.22                                | 76.53                               |
| 12/28/2014 7:00  |                           | 312.00                                  | NW                                     | 4.10                                | 75.45                               |
| 12/28/2014 8:00  |                           | 301.00                                  | WNW                                    | 3.01                                | 75.74                               |
| 12/28/2014 9:00  |                           | 311.00                                  | NW                                     | 3.98                                | 74.31                               |
| 12/28/2014 10:00 | 32.26                     | 312.00                                  | NW                                     | 3.91                                | 74.49                               |
| 12/28/2014 11:00 | 33.18                     | 307.00                                  | NW                                     | 4.42                                | 70.24                               |
| 12/28/2014 12:00 | 33.68                     | 301.00                                  | WNW                                    | 4.43                                | 67.45                               |
| 12/28/2014 13:00 | 34.38                     | 287.00                                  | WNW                                    | 4.47                                | 66.07                               |
| 12/28/2014 14:00 | 36.08                     | 288.00                                  | WNW                                    | 3.63                                | 60.59                               |
| 12/28/2014 15:00 | 37.52                     | 171.00                                  | S                                      | 2.70                                | 57.97                               |
| 12/28/2014 16:00 | 36.68                     | 106.00                                  | ESE                                    | 1.43                                | 60.90                               |
| 12/28/2014 17:00 | 33.01                     | 74.00                                   | ENE                                    | 1.42                                | 74.97                               |
| 12/28/2014 18:00 |                           | 93.00                                   | E                                      | 1.75                                | 82.05                               |
| 12/28/2014 19:00 |                           | 94.00                                   | E                                      | 1.42                                | 85.21                               |
| 12/28/2014 20:00 |                           | 88.00                                   | E                                      | 1.05                                | 88.55                               |
| 12/28/2014 21:00 |                           | 137.00                                  | SE                                     | 1.60                                | 89.54                               |
| 12/28/2014 22:00 |                           | 138.00                                  | SE                                     | 1.49                                | 89.36                               |
| 12/28/2014 23:00 |                           | 134.00                                  | SE                                     | 0.68                                | 91.95                               |
| 12/29/2014 0:00  |                           | 90.00                                   | E                                      | 1.43                                | 94.83                               |
| 12/29/2014 1:00  |                           | 102.00                                  | ESE                                    | 1.47                                | 95.59                               |
| 12/29/2014 2:00  |                           | 111.00                                  | ESE                                    | 1.02                                | 96.00                               |
| 12/29/2014 3:00  |                           | 122.00                                  | ESE                                    | 0.93                                | 96.00                               |
| 12/29/2014 4:00  |                           | 110.00                                  | ESE                                    | 0.88                                | 96.00                               |
| 12/29/2014 5:00  |                           | 84.00                                   | E                                      | 1.05                                | 96.22                               |

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|------------------|---------------------------|-----------------------------------------|----------------------------------------|-------------------------------------|-------------------------------------|
| 12/29/2014 6:00  |                           | 66.00                                   | ENE                                    | 2.45                                | 96.52                               |
| 12/29/2014 7:00  |                           | 138.00                                  | SE                                     | 0.69                                | 96.00                               |
| 12/29/2014 8:00  |                           | 46.00                                   | NE                                     | 1.63                                | 96.64                               |
| 12/29/2014 9:00  |                           | 112.00                                  | ESE                                    | 3.48                                | 94.15                               |
| 12/29/2014 10:00 | 33.20                     | 61.00                                   | ENE                                    | 4.68                                | 76.89                               |
| 12/29/2014 11:00 | 35.91                     | 64.00                                   | ENE                                    | 5.20                                | 57.61                               |
| 12/29/2014 12:00 | 37.47                     | 93.00                                   | E                                      | 5.21                                | 54.63                               |

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