

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) |
|-----------------|---------------------------|---|--|-------------------------------------|-------------------------------------|
| 3/16/2017 12:00 | 44.92                     | 42.00                                   | NE                                     | 7.14                                | 38.88                               |
| 3/16/2017 13:00 | 44.61                     | 56.00                                   | ENE                                    | 6.27                                | 39.83                               |
| 3/16/2017 14:00 | 46.29                     | 86.00                                   | E                                      | 5.79                                | 36.87                               |
| 3/16/2017 15:00 | 48.75                     | 67.00                                   | ENE                                    | 7.34                                | 33.46                               |
| 3/16/2017 16:00 | 50.43                     | 63.00                                   | ENE                                    | 6.19                                | 32.93                               |
| 3/16/2017 17:00 | 51.16                     | 103.00                                  | ESE                                    | 6.89                                | 32.83                               |
| 3/16/2017 18:00 | 49.47                     | 147.00                                  | S                                      | 6.67                                | 35.87                               |
| 3/16/2017 19:00 | 46.38                     | 74.00                                   | ENE                                    | 5.77                                | 41.03                               |
| 3/16/2017 20:00 | 45.05                     | 56.00                                   | ENE                                    | 7.31                                | 45.02                               |
| 3/16/2017 21:00 | 44.81                     | 56.00                                   | ENE                                    | 5.86                                | 46.77                               |
| 3/16/2017 22:00 | 45.64                     | 54.00                                   | NE                                     | 8.81                                | 50.30                               |
| 3/16/2017 23:00 | 45.57                     | 54.00                                   | NE                                     | 9.36                                | 54.87                               |
| 3/17/2017 0:00  | 45.29                     | 60.00                                   | ENE                                    | 9.38                                | 57.23                               |
| 3/17/2017 1:00  | 45.12                     | 58.00                                   | ENE                                    | 8.60                                | 57.28                               |
| 3/17/2017 2:00  | 45.14                     | 59.00                                   | ENE                                    | 7.79                                | 58.43                               |
| 3/17/2017 3:00  | 45.69                     | 54.00                                   | NE                                     | 4.97                                | 58.97                               |
| 3/17/2017 4:00  | 46.02                     | 46.00                                   | NE                                     | 4.53                                | 56.23                               |
| 3/17/2017 5:00  | 45.54                     | 38.00                                   | NE                                     | 5.03                                | 57.08                               |
| 3/17/2017 6:00  | 45.91                     | 51.00                                   | NE                                     | 5.50                                | 59.00                               |
| 3/17/2017 7:00  | 45.49                     | 62.00                                   | ENE                                    | 4.22                                | 73.60                               |
| 3/17/2017 8:00  | 47.63                     | 60.00                                   | ENE                                    | 3.93                                | 71.43                               |
| 3/17/2017 9:00  | 49.94                     | 86.00                                   | E                                      | 4.64                                | 71.61                               |
| 3/17/2017 10:00 | 52.71                     | 101.00                                  | ESE                                    | 5.20                                | 73.05                               |
| 3/17/2017 11:00 | 54.80                     | 113.00                                  | ESE                                    | 6.72                                | 72.48                               |
| 3/17/2017 12:00 | 57.39                     | 118.00                                  | ESE                                    | 6.89                                | 70.03                               |
| 3/17/2017 13:00 | 60.94                     | 122.00                                  | ESE                                    | 7.45                                | 65.12                               |
| 3/17/2017 14:00 | 63.54                     | 135.00                                  | SE                                     | 7.62                                | 59.95                               |
| 3/17/2017 15:00 | 66.53                     | 150.00                                  | S                                      | 7.65                                | 55.52                               |
| 3/17/2017 16:00 | 69.05                     | 146.00                                  | SE                                     | 7.20                                | 51.80                               |
| 3/17/2017 17:00 | 69.83                     | 142.00                                  | SE                                     | 4.65                                | 49.80                               |
| 3/17/2017 18:00 | 68.55                     | 213.00                                  | SSW                                    | 6.33                                | 32.79                               |
| 3/17/2017 19:00 | 65.31                     | 207.00                                  | SSW                                    | 2.38                                | 37.15                               |
| 3/17/2017 20:00 | 62.70                     | 192.00                                  | SSW                                    | 1.90                                | 36.17                               |
| 3/17/2017 21:00 | 57.57                     | 163.00                                  | S                                      | 1.23                                | 48.70                               |
| 3/17/2017 22:00 | 53.62                     | 161.00                                  | S                                      | 1.21                                | 55.78                               |
| 3/17/2017 23:00 | 54.20                     | 128.00                                  | SE                                     | 3.09                                | 50.32                               |
| 3/18/2017 0:00  | 58.14                     | 194.00                                  | SSW                                    | 10.35                               | 35.33                               |
| 3/18/2017 1:00  | 55.28                     | 200.00                                  | SSW                                    | 10.73                               | 35.27                               |
| 3/18/2017 2:00  | 52.50                     | 206.00                                  | SSW                                    | 10.48                               | 42.43                               |
| 3/18/2017 3:00  | 47.40                     | 210.00                                  | SSW                                    | 9.75                                | 57.28                               |
| 3/18/2017 4:00  | 43.55                     | 197.00                                  | SSW                                    | 7.98                                | 57.90                               |
| 3/18/2017 5:00  | 41.95                     | 172.00                                  | S                                      | 5.28                                | 60.82                               |
| 3/18/2017 6:00  | 40.96                     | 170.00                                  | S                                      | 5.61                                | 63.73                               |
| 3/18/2017 7:00  | 40.53                     | 173.00                                  | S                                      | 9.03                                | 64.55                               |
| 3/18/2017 8:00  | 41.35                     | 198.00                                  | SSW                                    | 10.19                               | 59.16                               |

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|-----------------|---------------------------|---|--|-------------------------------------|-------------------------------------|
| 3/18/2017 9:00  | 42.87                     | 183.00                                  | S                                      | 11.37                               | 54.87                               |
| 3/18/2017 10:00 | 44.95                     | 169.00                                  | S                                      | 9.50                                | 51.08                               |
| 3/18/2017 11:00 | 47.37                     | 181.00                                  | S                                      | 9.47                                | 46.53                               |
| 3/18/2017 12:00 | 49.72                     | 182.00                                  | S                                      | 10.19                               | 42.48                               |
| 3/18/2017 13:00 | 51.87                     | 183.00                                  | S                                      | 8.28                                | 39.93                               |
| 3/18/2017 14:00 | 53.57                     | 196.00                                  | SSW                                    | 8.61                                | 36.98                               |
| 3/18/2017 15:00 | 55.16                     | 189.00                                  | S                                      | 10.68                               | 32.97                               |
| 3/18/2017 16:00 | 56.44                     | 181.00                                  | S                                      | 10.60                               | 30.03                               |
| 3/18/2017 17:00 | 57.26                     | 203.00                                  | SSW                                    | 8.93                                | 29.10                               |
| 3/18/2017 18:00 | 56.00                     | 231.00                                  | SW                                     | 6.14                                | 32.35                               |
| 3/18/2017 19:00 | 51.97                     | 268.00                                  | W                                      | 3.06                                | 38.58                               |
| 3/18/2017 20:00 | 48.17                     | 289.00                                  | WNW                                    | 2.42                                | 45.48                               |
| 3/18/2017 21:00 | 46.30                     | 234.00                                  | SW                                     | 1.73                                | 48.17                               |
| 3/18/2017 22:00 | 44.53                     | 253.00                                  | WSW                                    | 1.81                                | 53.68                               |
| 3/18/2017 23:00 | 43.70                     | 254.00                                  | WSW                                    | 3.98                                | 61.83                               |
| 3/19/2017 0:00  | 41.54                     | 272.00                                  | W                                      | 3.30                                | 69.03                               |
| 3/19/2017 1:00  | 40.29                     | 206.00                                  | SSW                                    | 2.39                                | 72.13                               |
| 3/19/2017 2:00  | 39.89                     | 147.00                                  | S                                      | 2.86                                | 71.67                               |
| 3/19/2017 3:00  | 38.45                     | 162.00                                  | S                                      | 1.19                                | 74.23                               |
| 3/19/2017 4:00  | 36.43                     | 305.00                                  | NW                                     | 1.22                                | 79.50                               |
| 3/19/2017 5:00  | 35.68                     | 269.00                                  | W                                      | 1.08                                | 81.30                               |
| 3/19/2017 6:00  | 36.81                     | 98.00                                   | E                                      | 1.96                                | 78.60                               |
| 3/19/2017 7:00  | 38.65                     | 87.00                                   | E                                      | 3.38                                | 74.60                               |
| 3/19/2017 8:00  | 41.33                     | 55.00                                   | NE                                     | 5.18                                | 67.12                               |
| 3/19/2017 9:00  | 43.47                     | 91.00                                   | E                                      | 5.61                                | 59.24                               |
| 3/19/2017 10:00 | 46.61                     | 57.00                                   | ENE                                    | 6.61                                | 52.83                               |
| 3/19/2017 11:00 | 49.43                     | 179.00                                  | S                                      | 6.94                                | 47.83                               |
| 3/19/2017 12:00 | 52.31                     | 136.00                                  | SE                                     | 6.65                                | 45.02                               |
| 3/19/2017 13:00 | 53.90                     | 132.00                                  | SE                                     | 5.95                                | 43.13                               |
| 3/19/2017 14:00 | 54.92                     | 76.00                                   | ENE                                    | 6.33                                | 41.82                               |
| 3/19/2017 15:00 | 56.18                     | 83.00                                   | E                                      | 6.39                                | 40.42                               |
| 3/19/2017 16:00 | 56.21                     | 66.00                                   | ENE                                    | 6.70                                | 40.27                               |
| 3/19/2017 17:00 | 57.40                     | 57.00                                   | ENE                                    | 7.26                                | 37.98                               |
| 3/19/2017 18:00 | 56.64                     | 54.00                                   | NE                                     | 7.37                                | 39.30                               |
| 3/19/2017 19:00 | 54.39                     | 53.00                                   | NE                                     | 5.86                                | 43.10                               |
| 3/19/2017 20:00 | 53.28                     | 68.00                                   | ENE                                    | 5.76                                | 46.18                               |
| 3/19/2017 21:00 | 51.95                     | 54.00                                   | NE                                     | 5.95                                | 49.30                               |
| 3/19/2017 22:00 | 50.95                     | 45.00                                   | NE                                     | 5.29                                | 52.93                               |
| 3/19/2017 23:00 | 50.34                     | 41.00                                   | NE                                     | 5.26                                | 55.23                               |
| 3/20/2017 0:00  | 49.97                     | 45.00                                   | NE                                     | 4.17                                | 56.73                               |
| 3/20/2017 1:00  | 49.33                     | 43.00                                   | NE                                     | 4.29                                | 59.58                               |
| 3/20/2017 2:00  | 49.32                     | 48.00                                   | NE                                     | 3.30                                | 61.23                               |
| 3/20/2017 3:00  | 49.47                     | 50.00                                   | NE                                     | 1.84                                | 62.03                               |
| 3/20/2017 4:00  | 50.28                     | 55.00                                   | NE                                     | 2.66                                | 61.05                               |
| 3/20/2017 5:00  | 50.51                     | 33.00                                   | NNE                                    | 2.31                                | 60.77                               |

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|----------------------|-----------------------------------|---|--|---|---|
| 3/20/2017 6:00       | 50.95                             | 49.00   | NE   | 2.63  | 60.42                                       |
| 3/20/2017 7:00       | 52.34                             | 88.00   | E  | 2.51  | 59.43                                       |
| 3/20/2017 8:00       | 56.71                             | 58.00   | ENE  | 3.08  | 54.12                                       |
| 3/20/2017 9:00       | 63.06                             | 79.00   | E  | 4.75  | 49.75                                       |
| 3/20/2017 10:00      | 67.88                             | 102.00  | ESE  | 6.94  | 49.72                                       |
| 3/20/2017 11:00      | 72.69                             | 124.00  | SE   | 7.43  | 48.27                                       |