

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) |
|------------------|---------------------------|---|--|-------------------------------------|-------------------------------------|
| 12/26/2016 12:00 | 56.52                     | 127.00                                  | SE                                     | 6.62                                | 64.83                               |
| 12/26/2016 13:00 | 57.34                     | 142.00                                  | SE                                     | 7.68                                | 60.10                               |
| 12/26/2016 14:00 | 58.29                     | 150.00                                  | S                                      | 6.68                                | 52.10                               |
| 12/26/2016 15:00 | 58.84                     | 152.00                                  | S                                      | 6.01                                | 48.59                               |
| 12/26/2016 16:00 | 55.37                     | 205.00                                  | SSW                                    | 10.18                               | 44.63                               |
| 12/26/2016 17:00 | 51.70                     | 193.00                                  | SSW                                    | 6.25                                | 37.83                               |
| 12/26/2016 18:00 | 50.09                     | 167.00                                  | S                                      | 6.04                                | 35.50                               |
| 12/26/2016 19:00 | 48.40                     | 206.00                                  | SSW                                    | 7.82                                | 38.92                               |
| 12/26/2016 20:00 | 46.03                     | 197.00                                  | SSW                                    | 7.60                                | 43.43                               |
| 12/26/2016 21:00 | 43.14                     | 207.00                                  | SSW                                    | 7.99                                | 51.05                               |
| 12/26/2016 22:00 | 40.34                     | 213.00                                  | SSW                                    | 9.19                                | 54.67                               |
| 12/26/2016 23:00 | 38.44                     | 208.00                                  | SSW                                    | 8.30                                | 52.72                               |
| 12/27/2016 0:00  | 37.48                     | 191.00                                  | SSW                                    | 6.53                                | 52.55                               |
| 12/27/2016 1:00  | 36.97                     | 192.00                                  | SSW                                    | 6.24                                | 52.67                               |
| 12/27/2016 2:00  | 36.23                     | 174.00                                  | S                                      | 4.54                                | 55.23                               |
| 12/27/2016 3:00  | 35.86                     | 181.00                                  | S                                      | 4.25                                | 55.53                               |
| 12/27/2016 4:00  | 34.88                     | 169.00                                  | S                                      | 3.80                                | 58.80                               |
| 12/27/2016 5:00  | 34.03                     | 173.00                                  | S                                      | 4.38                                | 60.82                               |
| 12/27/2016 6:00  | 33.31                     | 160.00                                  | S                                      | 3.28                                | 63.05                               |
| 12/27/2016 7:00  | 32.70                     | 165.00                                  | S                                      | 4.75                                | 64.57                               |
| 12/27/2016 8:00  | 35.22                     | 184.00                                  | S                                      | 7.22                                | 57.20                               |
| 12/27/2016 9:00  | 37.66                     | 200.00                                  | SSW                                    | 8.02                                | 51.50                               |
| 12/27/2016 10:00 | 39.53                     | 203.00                                  | SSW                                    | 7.52                                | 48.50                               |
| 12/27/2016 11:00 | 41.42                     | 202.00                                  | SSW                                    | 7.07                                | 45.31                               |
| 12/27/2016 12:00 | 44.49                     | 182.00                                  | S                                      | 5.76                                | 38.78                               |
| 12/27/2016 13:00 | 47.15                     | 181.00                                  | S                                      | 6.17                                | 32.53                               |
| 12/27/2016 14:00 | 48.80                     | 201.00                                  | SSW                                    | 6.88                                | 30.13                               |
| 12/27/2016 15:00 | 49.03                     | 215.00                                  | SW                                     | 5.99                                | 31.10                               |
| 12/27/2016 16:00 | 47.75                     | 183.00                                  | S                                      | 3.06                                | 33.57                               |
| 12/27/2016 17:00 | 42.19                     | 113.00                                  | ESE                                    | 1.65                                | 49.35                               |
| 12/27/2016 18:00 | 39.56                     | 61.00                                   | ENE                                    | 2.16                                | 54.87                               |
| 12/27/2016 19:00 | 37.77                     | 131.00                                  | SE                                     | 1.26                                | 60.69                               |
| 12/27/2016 20:00 | 36.76                     | 84.00                                   | E                                      | 2.70                                | 60.21                               |
| 12/27/2016 21:00 | 38.73                     | 53.00                                   | NE                                     | 3.15                                | 50.85                               |
| 12/27/2016 22:00 | 39.31                     | 63.00                                   | ENE                                    | 2.95                                | 49.50                               |
| 12/27/2016 23:00 | 39.89                     | 86.00                                   | E                                      | 4.59                                | 49.95                               |
| 12/28/2016 0:00  | 39.11                     | 79.00                                   | E                                      | 4.35                                | 53.00                               |
| 12/28/2016 1:00  | 37.97                     | 53.00                                   | NE                                     | 2.69                                | 55.12                               |
| 12/28/2016 2:00  | 35.72                     | 106.00                                  | ESE                                    | 1.49                                | 62.35                               |
| 12/28/2016 3:00  | 34.80                     | 79.00                                   | E                                      | 1.98                                | 67.12                               |
| 12/28/2016 4:00  | 35.64                     | 76.00                                   | ENE                                    | 2.03                                | 67.77                               |
| 12/28/2016 5:00  | 35.76                     | 73.00                                   | ENE                                    | 2.92                                | 70.08                               |
| 12/28/2016 6:00  | 35.81                     | 65.00                                   | ENE                                    | 2.27                                | 69.38                               |
| 12/28/2016 7:00  | 36.77                     | 84.00                                   | E                                      | 3.59                                | 63.97                               |
| 12/28/2016 8:00  | 39.28                     | 82.00                                   | E                                      | 6.15                                | 56.83                               |

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|------------------|---------------------------|---|--|-------------------------------------|-------------------------------------|
| 12/28/2016 9:00  | 43.07                     | 78.00                                   | ENE                                    | 7.23                                | 50.35                               |
| 12/28/2016 10:00 | 44.93                     | 71.00                                   | ENE                                    | 5.84                                | 49.10                               |
| 12/28/2016 11:00 | 42.89                     | 85.00                                   | E                                      | 5.64                                | 68.97                               |
| 12/28/2016 12:00 | 44.76                     | 75.00                                   | ENE                                    | 5.60                                | 66.80                               |
| 12/28/2016 13:00 | 47.74                     | 82.00                                   | E                                      | 5.48                                | 61.25                               |
| 12/28/2016 14:00 | 50.74                     | 104.00                                  | ESE                                    | 4.96                                | 55.42                               |
| 12/28/2016 15:00 | 51.72                     | 195.00                                  | SSW                                    | 2.52                                | 56.25                               |
| 12/28/2016 16:00 | 50.48                     | 235.00                                  | SW                                     | 1.18                                | 59.50                               |
| 12/28/2016 17:00 | 45.46                     | 137.00                                  | SE                                     | 0.93                                | 70.37                               |
| 12/28/2016 18:00 | 42.31                     | 168.00                                  | S                                      | 1.60                                | 77.10                               |
| 12/28/2016 19:00 | 45.94                     | 197.00                                  | SSW                                    | 5.64                                | 65.22                               |
| 12/28/2016 20:00 | 45.47                     | 192.00                                  | SSW                                    | 5.81                                | 65.15                               |
| 12/28/2016 21:00 | 44.87                     | 195.00                                  | SSW                                    | 7.09                                | 63.47                               |
| 12/28/2016 22:00 | 44.90                     | 211.00                                  | SSW                                    | 6.57                                | 55.68                               |
| 12/28/2016 23:00 | 43.74                     | 198.00                                  | SSW                                    | 6.38                                | 54.87                               |
| 12/29/2016 0:00  | 43.39                     | 185.00                                  | S                                      | 7.46                                | 50.83                               |
| 12/29/2016 1:00  | 42.66                     | 181.00                                  | S                                      | 6.26                                | 49.55                               |
| 12/29/2016 2:00  | 43.29                     | 184.00                                  | S                                      | 9.29                                | 42.97                               |
| 12/29/2016 3:00  | 42.22                     | 191.00                                  | SSW                                    | 9.42                                | 44.52                               |
| 12/29/2016 4:00  | 40.99                     | 193.00                                  | SSW                                    | 10.23                               | 47.13                               |
| 12/29/2016 5:00  | 39.34                     | 196.00                                  | SSW                                    | 11.26                               | 51.50                               |
| 12/29/2016 6:00  | 38.59                     | 192.00                                  | SSW                                    | 10.75                               | 53.40                               |
| 12/29/2016 7:00  | 38.67                     | 193.00                                  | SSW                                    | 11.74                               | 51.57                               |
| 12/29/2016 8:00  | 39.25                     | 194.00                                  | SSW                                    | 12.55                               | 49.58                               |
| 12/29/2016 9:00  | 40.44                     | 196.00                                  | SSW                                    | 13.75                               | 48.73                               |
| 12/29/2016 10:00 | 41.74                     | 196.00                                  | SSW                                    | 15.33                               | 47.12                               |
| 12/29/2016 11:00 | 43.70                     | 203.00                                  | SSW                                    | 13.71                               | 43.60                               |