

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) |
|-----------------|---------------------------|---|--|-------------------------------------|-------------------------------------|
| 11/3/2014 12:00 | 69.59                     | 183.00                                  | S                                      | 7.10                                | 32.03                               |
| 11/3/2014 13:00 | 71.28                     | 187.00                                  | S                                      | 7.87                                | 29.95                               |
| 11/3/2014 14:00 | 72.23                     | 182.00                                  | S                                      | 7.08                                | 29.47                               |
| 11/3/2014 15:00 | 72.14                     | 174.00                                  | S                                      | 6.39                                | 30.87                               |
| 11/3/2014 16:00 | 70.02                     | 176.00                                  | S                                      | 6.02                                | 33.84                               |
| 11/3/2014 17:00 | 68.07                     | 182.00                                  | S                                      | 6.70                                | 36.05                               |
| 11/3/2014 18:00 | 66.27                     | 163.00                                  | S                                      | 4.07                                | 33.36                               |
| 11/3/2014 19:00 | 63.38                     | 174.00                                  | S                                      | 4.89                                | 32.03                               |
| 11/3/2014 20:00 | 62.24                     | 183.00                                  | S                                      | 6.27                                | 32.71                               |
| 11/3/2014 21:00 | 62.05                     | 186.00                                  | S                                      | 6.44                                | 35.07                               |
| 11/3/2014 22:00 | 62.14                     | 198.00                                  | SSW                                    | 5.93                                | 38.18                               |
| 11/3/2014 23:00 | 61.93                     | 197.00                                  | SSW                                    | 7.58                                | 40.93                               |
| 11/4/2014 0:00  | 61.90                     | 200.00                                  | SSW                                    | 6.29                                | 42.86                               |
| 11/4/2014 1:00  | 61.51                     | 213.00                                  | SSW                                    | 9.33                                | 48.80                               |
| 11/4/2014 2:00  | 57.50                     | 214.00                                  | SW                                     | 8.39                                | 72.28                               |
| 11/4/2014 3:00  | 56.35                     | 207.00                                  | SSW                                    | 5.53                                | 77.21                               |
| 11/4/2014 4:00  | 54.34                     | 193.00                                  | SSW                                    | 5.94                                | 87.16                               |
| 11/4/2014 5:00  | 53.73                     | 194.00                                  | SSW                                    | 4.80                                | 90.46                               |
| 11/4/2014 6:00  | 53.76                     | 188.00                                  | S                                      | 3.96                                | 90.74                               |
| 11/4/2014 7:00  | 53.76                     | 190.00                                  | S                                      | 3.76                                | 91.95                               |
| 11/4/2014 8:00  | 54.21                     | 198.00                                  | SSW                                    | 3.57                                | 92.49                               |
| 11/4/2014 9:00  | 54.78                     | 211.00                                  | SSW                                    | 4.71                                | 94.09                               |
| 11/4/2014 10:00 | 55.43                     | 251.00                                  | WSW                                    | 5.59                                | 92.44                               |
| 11/4/2014 11:00 | 54.55                     | 285.00                                  | WNW                                    | 3.65                                | 90.72                               |
| 11/4/2014 12:00 | 52.27                     | 290.00                                  | WNW                                    | 5.25                                | 89.85                               |
| 11/4/2014 13:00 | 51.72                     | 291.00                                  | WNW                                    | 3.47                                | 88.81                               |
| 11/4/2014 14:00 | 52.02                     | 293.00                                  | WNW                                    | 4.28                                | 85.32                               |
| 11/4/2014 15:00 | 51.58                     | 289.00                                  | WNW                                    | 3.95                                | 83.62                               |
| 11/4/2014 16:00 | 50.92                     | 297.00                                  | WNW                                    | 3.14                                | 81.44                               |
| 11/4/2014 17:00 | 49.80                     | 293.00                                  | WNW                                    | 3.46                                | 76.63                               |
| 11/4/2014 18:00 | 49.26                     | 284.00                                  | WNW                                    | 3.81                                | 76.25                               |
| 11/4/2014 19:00 | 48.94                     | 255.00                                  | WSW                                    | 3.34                                | 76.16                               |
| 11/4/2014 20:00 | 48.01                     | 234.00                                  | SW                                     | 3.34                                | 79.55                               |
| 11/4/2014 21:00 | 46.68                     | 221.00                                  | SW                                     | 2.67                                | 82.86                               |
| 11/4/2014 22:00 | 46.43                     | 234.00                                  | SW                                     | 2.91                                | 82.68                               |
| 11/4/2014 23:00 | 46.62                     | 235.00                                  | SW                                     | 3.05                                | 81.23                               |
| 11/5/2014 0:00  | 45.33                     | 220.00                                  | SW                                     | 2.72                                | 85.08                               |
| 11/5/2014 1:00  | 44.64                     | 207.00                                  | SSW                                    | 1.79                                | 86.77                               |
| 11/5/2014 2:00  | 44.20                     | 198.00                                  | SSW                                    | 1.57                                | 88.69                               |
| 11/5/2014 3:00  | 44.14                     | 201.00                                  | SSW                                    | 1.52                                | 89.00                               |
| 11/5/2014 4:00  | 43.85                     | 195.00                                  | SSW                                    | 1.52                                | 89.00                               |
| 11/5/2014 5:00  | 43.37                     | 169.00                                  | S                                      | 1.62                                | 89.84                               |
| 11/5/2014 6:00  | 43.35                     | 185.00                                  | S                                      | 2.12                                | 89.10                               |
| 11/5/2014 7:00  | 43.68                     | 187.00                                  | S                                      | 2.78                                | 88.27                               |
| 11/5/2014 8:00  | 44.78                     | 195.00                                  | SSW                                    | 2.74                                | 86.11                               |

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|-----------------|---------------------------|---|--|-------------------------------------|-------------------------------------|
| 11/5/2014 9:00  | 47.54                     | 222.00                                  | SW                                     | 2.87                                | 81.05                               |
| 11/5/2014 10:00 | 51.11                     | 233.00                                  | SW                                     | 3.07                                | 74.03                               |
| 11/5/2014 11:00 | 54.84                     | 214.00                                  | SW                                     | 3.16                                | 64.10                               |
| 11/5/2014 12:00 | 59.65                     | 189.00                                  | S                                      | 3.00                                | 48.59                               |
| 11/5/2014 13:00 | 62.75                     | 170.00                                  | S                                      | 3.38                                | 37.94                               |
| 11/5/2014 14:00 | 63.58                     | 178.00                                  | S                                      | 4.05                                | 34.03                               |
| 11/5/2014 15:00 | 63.40                     | 191.00                                  | SSW                                    | 4.32                                | 37.21                               |
| 11/5/2014 16:00 | 61.19                     | 168.00                                  | S                                      | 2.65                                | 43.78                               |
| 11/5/2014 17:00 | 55.23                     | 163.00                                  | S                                      | 2.38                                | 62.38                               |
| 11/5/2014 18:00 | 53.29                     | 170.00                                  | S                                      | 3.84                                | 73.55                               |
| 11/5/2014 19:00 | 52.32                     | 193.00                                  | SSW                                    | 3.44                                | 73.94                               |
| 11/5/2014 20:00 | 51.62                     | 205.00                                  | SSW                                    | 4.73                                | 68.51                               |
| 11/5/2014 21:00 | 51.42                     | 216.00                                  | SW                                     | 6.57                                | 66.13                               |
| 11/5/2014 22:00 | 50.29                     | 218.00                                  | SW                                     | 6.26                                | 67.74                               |
| 11/5/2014 23:00 | 50.63                     | 227.00                                  | SW                                     | 9.14                                | 65.63                               |
| 11/6/2014 0:00  | 49.85                     | 227.00                                  | SW                                     | 8.44                                | 66.78                               |
| 11/6/2014 1:00  | 51.29                     | 248.00                                  | WSW                                    | 8.85                                | 61.66                               |
| 11/6/2014 2:00  | 52.83                     | 269.00                                  | W                                      | 9.30                                | 58.46                               |
| 11/6/2014 3:00  | 52.17                     | 281.00                                  | W                                      | 11.53                               | 52.71                               |
| 11/6/2014 4:00  | 50.57                     | 283.00                                  | WNW                                    | 10.27                               | 50.29                               |
| 11/6/2014 5:00  | 49.55                     | 284.00                                  | WNW                                    | 9.38                                | 52.38                               |
| 11/6/2014 6:00  | 48.50                     | 288.00                                  | WNW                                    | 9.69                                | 56.88                               |
| 11/6/2014 7:00  | 48.09                     | 282.00                                  | WNW                                    | 12.26                               | 58.90                               |
| 11/6/2014 8:00  | 48.56                     | 296.00                                  | WNW                                    | 9.31                                | 58.62                               |
| 11/6/2014 9:00  | 49.49                     | 312.00                                  | NW                                     | 11.11                               | 56.64                               |
| 11/6/2014 10:00 | 48.40                     | 311.00                                  | NW                                     | 10.37                               | 57.26                               |
| 11/6/2014 11:00 | 46.64                     | 290.00                                  | WNW                                    | 10.78                               | 56.13                               |
| 11/6/2014 12:00 | 46.91                     | 321.00                                  | NW                                     | 11.62                               | 54.89                               |