

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) |
|-----------------|---------------------------|---|--|-------------------------------------|-------------------------------------|
| 6/22/2017 12:00 | 73.14                     | 82.00                                   | E                                      | 6.71                                | 64.15                               |
| 6/22/2017 13:00 | 74.61                     | 68.00                                   | ENE                                    | 7.44                                | 60.32                               |
| 6/22/2017 14:00 | 75.08                     | 62.00                                   | ENE                                    | 6.36                                | 59.22                               |
| 6/22/2017 15:00 | 75.61                     | 63.00                                   | ENE                                    | 5.47                                | 57.23                               |
| 6/22/2017 16:00 | 76.20                     | 68.00                                   | ENE                                    | 4.60                                | 57.37                               |
| 6/22/2017 17:00 | 77.56                     | 64.00                                   | ENE                                    | 4.71                                | 54.18                               |
| 6/22/2017 18:00 | 76.52                     | 72.00                                   | ENE                                    | 4.89                                | 56.87                               |
| 6/22/2017 19:00 | 76.90                     | 70.00                                   | ENE                                    | 4.86                                | 57.12                               |
| 6/22/2017 20:00 | 75.44                     | 55.00                                   | NE                                     | 5.29                                | 63.40                               |
| 6/22/2017 21:00 | 73.77                     | 66.00                                   | ENE                                    | 4.79                                | 70.57                               |
| 6/22/2017 22:00 | 72.93                     | 54.00                                   | NE                                     | 4.37                                | 74.67                               |
| 6/22/2017 23:00 | 72.23                     | 63.00                                   | ENE                                    | 3.73                                | 77.42                               |
| 6/23/2017 0:00  | 71.42                     | 51.00                                   | NE                                     | 3.64                                | 79.88                               |
| 6/23/2017 1:00  | 70.81                     | 69.00                                   | ENE                                    | 3.69                                | 81.00                               |
| 6/23/2017 2:00  | 70.01                     | 67.00                                   | ENE                                    | 3.84                                | 82.00                               |
| 6/23/2017 3:00  | 69.54                     | 72.00                                   | ENE                                    | 4.65                                | 80.93                               |
| 6/23/2017 4:00  | 69.29                     | 75.00                                   | ENE                                    | 5.11                                | 79.00                               |
| 6/23/2017 5:00  | 68.74                     | 84.00                                   | E                                      | 3.98                                | 79.07                               |
| 6/23/2017 6:00  | 68.70                     | 110.00                                  | ESE                                    | 3.48                                | 79.35                               |
| 6/23/2017 7:00  | 68.35                     | 104.00                                  | ESE                                    | 4.25                                | 80.25                               |
| 6/23/2017 8:00  | 70.24                     | 108.00                                  | ESE                                    | 3.73                                | 71.60                               |
| 6/23/2017 9:00  | 70.90                     | 126.00                                  | SE                                     | 4.81                                | 65.82                               |
| 6/23/2017 10:00 | 69.52                     | 190.00                                  | S                                      | 9.20                                | 65.98                               |
| 6/23/2017 11:00 | 71.81                     | 214.00                                  | SW                                     | 8.42                                | 60.12                               |
| 6/23/2017 12:00 | 72.14                     | 198.00                                  | SSW                                    | 10.70                               | 59.07                               |
| 6/23/2017 13:00 | 71.55                     | 217.00                                  | SW                                     | 12.62                               | 55.78                               |
| 6/23/2017 14:00 | 73.50                     | 224.00                                  | SW                                     | 13.82                               | 34.12                               |
| 6/23/2017 15:00 | 73.15                     | 220.00                                  | SW                                     | 9.66                                | 30.25                               |
| 6/23/2017 16:00 | 72.83                     | 212.00                                  | SSW                                    | 7.96                                | 33.16                               |
| 6/23/2017 17:00 | 73.99                     | 206.00                                  | SSW                                    | 7.79                                | 32.55                               |
| 6/23/2017 18:00 | 75.48                     | 191.00                                  | SSW                                    | 5.09                                | 34.32                               |
| 6/23/2017 19:00 | 76.32                     | 182.00                                  | S                                      | 5.59                                | 37.83                               |
| 6/23/2017 20:00 | 75.52                     | 183.00                                  | S                                      | 6.95                                | 39.72                               |
| 6/23/2017 21:00 | 74.59                     | 191.00                                  | SSW                                    | 4.81                                | 39.34                               |
| 6/23/2017 22:00 | 73.41                     | 202.00                                  | SSW                                    | 6.73                                | 42.40                               |
| 6/23/2017 23:00 | 71.54                     | 194.00                                  | SSW                                    | 5.19                                | 48.60                               |
| 6/24/2017 0:00  | 69.97                     | 202.00                                  | SSW                                    | 5.61                                | 52.48                               |
| 6/24/2017 1:00  | 69.25                     | 201.00                                  | SSW                                    | 6.07                                | 53.03                               |
| 6/24/2017 2:00  | 67.99                     | 210.00                                  | SSW                                    | 6.28                                | 56.07                               |
| 6/24/2017 3:00  | 66.70                     | 209.00                                  | SSW                                    | 5.67                                | 59.22                               |
| 6/24/2017 4:00  | 65.33                     | 191.00                                  | SSW                                    | 4.11                                | 62.73                               |
| 6/24/2017 5:00  | 64.00                     | 166.00                                  | S                                      | 3.32                                | 67.40                               |
| 6/24/2017 6:00  | 63.78                     | 173.00                                  | S                                      | 4.90                                | 67.70                               |
| 6/24/2017 7:00  | 64.92                     | 183.00                                  | S                                      | 5.75                                | 62.42                               |
| 6/24/2017 8:00  | 66.34                     | 192.00                                  | SSW                                    | 7.00                                | 54.72                               |

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|-----------------|---------------------------|---|--|-------------------------------------|-------------------------------------|
| 6/24/2017 9:00  | 67.32                     | 210.00                                  | SSW                                    | 8.96                                | 37.53                               |
| 6/24/2017 10:00 | 67.35                     | 193.00                                  | SSW                                    | 9.95                                | 32.90                               |
| 6/24/2017 11:00 | 68.38                     | 186.00                                  | S                                      | 9.44                                | 32.15                               |
| 6/24/2017 12:00 | 69.45                     | 187.00                                  | S                                      | 9.67                                | 30.82                               |
| 6/24/2017 13:00 | 70.67                     | 175.00                                  | S                                      | 9.06                                | 29.85                               |
| 6/24/2017 14:00 | 71.91                     | 180.00                                  | S                                      | 8.66                                | 29.22                               |
| 6/24/2017 15:00 | 72.66                     | 178.00                                  | S                                      | 8.96                                | 27.17                               |
| 6/24/2017 16:00 | 72.76                     | 190.00                                  | S                                      | 10.07                               | 26.02                               |
| 6/24/2017 17:00 | 72.85                     | 194.00                                  | SSW                                    | 8.86                                | 24.73                               |
| 6/24/2017 18:00 | 72.37                     | 214.00                                  | SW                                     | 9.26                                | 25.25                               |
| 6/24/2017 19:00 | 71.83                     | 213.00                                  | SSW                                    | 8.20                                | 26.57                               |
| 6/24/2017 20:00 | 70.58                     | 198.00                                  | SSW                                    | 3.77                                | 29.37                               |
| 6/24/2017 21:00 | 67.91                     | 215.00                                  | SW                                     | 1.33                                | 39.82                               |
| 6/24/2017 22:00 | 65.94                     | 263.00                                  | W                                      | 1.10                                | 47.77                               |
| 6/24/2017 23:00 | 64.57                     | 172.00                                  | S                                      | 1.08                                | 50.15                               |
| 6/25/2017 0:00  | 64.21                     | 64.00                                   | ENE                                    | 2.62                                | 48.68                               |
| 6/25/2017 1:00  | 62.42                     | 73.00                                   | ENE                                    | 2.83                                | 54.15                               |
| 6/25/2017 2:00  | 60.78                     | 94.00                                   | E                                      | 2.43                                | 58.45                               |
| 6/25/2017 3:00  | 59.49                     | 94.00                                   | E                                      | 3.98                                | 66.92                               |
| 6/25/2017 4:00  | 59.45                     | 89.00                                   | E                                      | 5.10                                | 63.25                               |
| 6/25/2017 5:00  | 59.65                     | 127.00                                  | SE                                     | 5.22                                | 61.75                               |
| 6/25/2017 6:00  | 60.63                     | 131.00                                  | SE                                     | 5.10                                | 59.80                               |
| 6/25/2017 7:00  | 63.88                     | 135.00                                  | SE                                     | 5.34                                | 51.77                               |
| 6/25/2017 8:00  | 66.43                     | 123.00                                  | ESE                                    | 6.07                                | 45.02                               |
| 6/25/2017 9:00  | 68.05                     | 165.00                                  | S                                      | 6.06                                | 41.08                               |
| 6/25/2017 10:00 | 68.10                     | 191.00                                  | SSW                                    | 6.40                                | 37.08                               |
| 6/25/2017 11:00 | 69.59                     | 168.00                                  | S                                      | 8.29                                | 29.30                               |
| 6/25/2017 12:00 | 70.70                     | 182.00                                  | S                                      | 9.18                                | 27.03                               |
| 6/25/2017 13:00 | 72.03                     | 180.00                                  | S                                      | 10.22                               | 25.57                               |
| 6/25/2017 14:00 | 73.70                     | 172.00                                  | S                                      | 11.51                               | 23.62                               |
| 6/25/2017 15:00 | 74.60                     | 171.00                                  | S                                      | 11.60                               | 22.28                               |
| 6/25/2017 16:00 | 74.86                     | 171.00                                  | S                                      | 11.14                               | 22.30                               |
| 6/25/2017 17:00 | 74.85                     | 173.00                                  | S                                      | 10.20                               | 23.02                               |
| 6/25/2017 18:00 | 73.78                     | 195.00                                  | SSW                                    | 9.69                                | 26.34                               |
| 6/25/2017 19:00 | 72.39                     | 210.00                                  | SSW                                    | 8.25                                | 29.28                               |
| 6/25/2017 20:00 | 71.55                     | 203.00                                  | SSW                                    | 6.43                                | 30.32                               |
| 6/25/2017 21:00 | 70.20                     | 208.00                                  | SSW                                    | 3.94                                | 35.97                               |
| 6/25/2017 22:00 | 68.85                     | 195.00                                  | SSW                                    | 2.55                                | 37.88                               |
| 6/25/2017 23:00 | 65.56                     | 313.00                                  | NW                                     | 1.86                                | 48.20                               |
| 6/26/2017 0:00  | 62.51                     | 261.00                                  | W                                      | 1.32                                | 57.47                               |
| 6/26/2017 1:00  | 61.18                     | 137.00                                  | SE                                     | 1.15                                | 61.05                               |
| 6/26/2017 2:00  | 59.96                     | 57.00                                   | ENE                                    | 1.53                                | 65.92                               |
| 6/26/2017 3:00  | 59.04                     | 70.00                                   | ENE                                    | 1.58                                | 67.82                               |
| 6/26/2017 4:00  | 57.67                     | 86.00                                   | E                                      | 1.86                                | 78.18                               |
| 6/26/2017 5:00  | 56.72                     | 73.00                                   | ENE                                    | 1.82                                | 79.48                               |

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|----------------------|-----------------------------------|---|--|---|---|
| 6/26/2017 6:00       | 58.28                             | 102.00  | ESE  | 2.74  | 74.28                                       |
| 6/26/2017 7:00       | 61.63                             | 99.00   | E  | 2.85  | 64.92                                       |
| 6/26/2017 8:00       | 64.98                             | 101.00  | ESE  | 4.20  | 52.27                                       |
| 6/26/2017 9:00       | 66.87                             | 110.00  | ESE  | 5.00  | 39.72                                       |
| 6/26/2017 10:00      | 68.19                             | 142.00  | SE   | 3.69  | 30.53                                       |
| 6/26/2017 11:00      | 68.42                             | 150.00  | S  | 4.33  | 26.97                                       |