

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) |
|------------------|---------------------------|-----------------------------------------|----------------------------------------|-------------------------------------|-------------------------------------|
| 10/20/2016 9:00  | 136.75                    | 219.00                                  | SW                                     | 7.49                                | 79.25                               |
| 10/20/2016 10:00 | 138.51                    | 312.00                                  | NW                                     | 9.76                                | 74.28                               |
| 10/20/2016 11:00 | 138.14                    | 321.00                                  | NW                                     | 10.49                               | 70.48                               |
| 10/20/2016 12:00 | 139.58                    | 295.00                                  | WNW                                    | 10.03                               | 66.12                               |
| 10/20/2016 13:00 | 143.40                    | 315.00                                  | NW                                     | 10.36                               | 62.50                               |
| 10/20/2016 14:00 | 142.21                    | 312.00                                  | NW                                     | 11.07                               | 61.28                               |
| 10/20/2016 15:00 | 139.39                    | 312.00                                  | NW                                     | 10.26                               | 62.67                               |
| 10/20/2016 16:00 | 135.91                    | 326.00                                  | NW                                     | 9.03                                | 64.48                               |
| 10/20/2016 17:00 | 136.18                    | 327.00                                  | NNW                                    | 7.38                                | 63.28                               |
| 10/20/2016 18:00 | 134.26                    | 314.00                                  | NW                                     | 7.37                                | 63.42                               |
| 10/20/2016 19:00 | 132.08                    | 320.00                                  | NW                                     | 7.13                                | 65.63                               |
| 10/20/2016 20:00 | 130.41                    | 313.00                                  | NW                                     | 7.15                                | 68.28                               |
| 10/20/2016 21:00 | 127.44                    | 313.00                                  | NW                                     | 6.91                                | 72.33                               |
| 10/20/2016 22:00 | 126.08                    | 310.00                                  | NW                                     | 6.38                                | 72.50                               |
| 10/20/2016 23:00 | 123.93                    | 311.00                                  | NW                                     | 5.89                                | 73.30                               |
| 10/21/2016 0:00  | 121.49                    | 314.00                                  | NW                                     | 5.23                                | 74.80                               |
| 10/21/2016 1:00  | 119.25                    | 307.00                                  | NW                                     | 4.14                                | 76.27                               |
| 10/21/2016 2:00  | 116.73                    | 306.00                                  | NW                                     | 3.06                                | 78.92                               |
| 10/21/2016 3:00  | 113.72                    | 293.00                                  | WNW                                    | 3.04                                | 83.63                               |
| 10/21/2016 4:00  | 111.81                    | 294.00                                  | WNW                                    | 2.66                                | 85.03                               |
| 10/21/2016 5:00  | 110.06                    | 292.00                                  | WNW                                    | 2.86                                | 86.20                               |
| 10/21/2016 6:00  | 108.75                    | 290.00                                  | WNW                                    | 2.95                                | 87.12                               |
| 10/21/2016 7:00  | 108.17                    | 302.00                                  | WNW                                    | 2.80                                | 87.13                               |
| 10/21/2016 8:00  | 111.23                    | 264.00                                  | W                                      | 3.77                                | 80.65                               |
| 10/21/2016 9:00  | 116.65                    | 305.00                                  | NW                                     | 4.30                                | 71.72                               |
| 10/21/2016 10:00 | 121.13                    | 291.00                                  | WNW                                    | 6.05                                | 64.05                               |
| 10/21/2016 11:00 | 125.87                    | 264.00                                  | W                                      | 6.61                                | 55.75                               |
| 10/21/2016 12:00 | 128.84                    | 268.00                                  | W                                      | 7.01                                | 49.70                               |
| 10/21/2016 13:00 | 133.23                    | 251.00                                  | WSW                                    | 5.63                                | 48.20                               |
| 10/21/2016 14:00 | 136.52                    | 297.00                                  | WNW                                    | 6.86                                | 42.72                               |
| 10/21/2016 15:00 | 138.14                    | 302.00                                  | WNW                                    | 5.98                                | 41.92                               |
| 10/21/2016 16:00 | 138.10                    | 312.00                                  | NW                                     | 4.96                                | 42.20                               |
| 10/21/2016 17:00 | 138.21                    | 127.00                                  | SE                                     | 4.19                                | 43.22                               |
| 10/21/2016 18:00 | 132.42                    | 94.00                                   | E                                      | 1.73                                | 54.07                               |
| 10/21/2016 19:00 | 123.59                    | 92.00                                   | E                                      | 1.62                                | 70.08                               |
| 10/21/2016 20:00 | 119.26                    | 111.00                                  | ESE                                    | 1.20                                | 77.83                               |
| 10/21/2016 21:00 | 116.51                    | 118.00                                  | ESE                                    | 1.03                                | 82.25                               |
| 10/21/2016 22:00 | 114.64                    | 119.00                                  | ESE                                    | 0.95                                | 84.80                               |
| 10/21/2016 23:00 | 113.23                    | 132.00                                  | SE                                     | 1.40                                | 85.43                               |
| 10/22/2016 0:00  | 112.02                    | 138.00                                  | SE                                     | 1.22                                | 89.27                               |
| 10/22/2016 1:00  | 109.63                    | 123.00                                  | ESE                                    | 1.07                                | 90.92                               |
| 10/22/2016 2:00  | 108.97                    | 140.00                                  | SE                                     | 1.10                                | 91.13                               |
| 10/22/2016 3:00  | 108.16                    | 141.00                                  | SE                                     | 1.25                                | 92.00                               |
| 10/22/2016 4:00  | 107.58                    | 155.00                                  | S                                      | 1.43                                | 92.95                               |
| 10/22/2016 5:00  | 106.61                    | 138.00                                  | SE                                     | 1.12                                | 93.00                               |

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) |
|------------------|---------------------------|-----------------------------------------|----------------------------------------|-------------------------------------|-------------------------------------|
| 10/22/2016 6:00  | 105.59                    | 106.00                                  | ESE                                    | 0.89                                | 93.00                               |
| 10/22/2016 7:00  | 104.42                    | 112.00                                  | ESE                                    | 0.58                                | 93.74                               |
| 10/22/2016 8:00  | 111.70                    | 228.00                                  | SW                                     | 3.13                                | 86.20                               |
| 10/22/2016 9:00  | 124.45                    | 166.00                                  | S                                      | 3.18                                | 66.55                               |
| 10/22/2016 10:00 | 135.91                    | 184.00                                  | S                                      | 3.82                                | 54.40                               |
| 10/22/2016 11:00 | 141.94                    | 194.00                                  | SSW                                    | 5.09                                | 49.56                               |
| 10/22/2016 12:00 | 146.05                    | 213.00                                  | SSW                                    | 5.28                                | 46.12                               |
| 10/22/2016 13:00 | 150.79                    | 199.00                                  | SSW                                    | 5.37                                | 40.83                               |
| 10/22/2016 14:00 | 154.17                    | 206.00                                  | SSW                                    | 5.08                                | 37.02                               |
| 10/22/2016 15:00 | 156.97                    | 183.00                                  | S                                      | 5.78                                | 33.02                               |
| 10/22/2016 16:00 | 158.30                    | 176.00                                  | S                                      | 4.66                                | 32.77                               |
| 10/22/2016 17:00 | 156.38                    | 164.00                                  | S                                      | 3.99                                | 36.78                               |
| 10/22/2016 18:00 | 147.84                    | 147.00                                  | S                                      | 1.40                                | 45.72                               |
| 10/22/2016 19:00 | 142.67                    | 156.00                                  | S                                      | 2.40                                | 51.10                               |
| 10/22/2016 20:00 | 142.03                    | 162.00                                  | S                                      | 4.17                                | 52.07                               |
| 10/22/2016 21:00 | 140.43                    | 177.00                                  | S                                      | 4.62                                | 54.82                               |
| 10/22/2016 22:00 | 137.71                    | 190.00                                  | S                                      | 3.65                                | 58.57                               |
| 10/22/2016 23:00 | 134.11                    | 193.00                                  | SSW                                    | 2.09                                | 63.42                               |
| 10/23/2016 0:00  | 133.56                    | 184.00                                  | S                                      | 3.90                                | 63.37                               |
| 10/23/2016 1:00  | 133.97                    | 180.00                                  | S                                      | 4.43                                | 62.42                               |
| 10/23/2016 2:00  | 133.18                    | 183.00                                  | S                                      | 4.01                                | 63.61                               |
| 10/23/2016 3:00  | 131.02                    | 170.00                                  | S                                      | 4.30                                | 66.80                               |
| 10/23/2016 4:00  | 129.99                    | 176.00                                  | S                                      | 4.98                                | 68.40                               |
| 10/23/2016 5:00  | 128.94                    | 170.00                                  | S                                      | 4.62                                | 70.38                               |
| 10/23/2016 6:00  | 127.84                    | 159.00                                  | S                                      | 2.70                                | 71.87                               |
| 10/23/2016 7:00  | 128.23                    | 187.00                                  | S                                      | 1.41                                | 71.25                               |
| 10/23/2016 8:00  | 133.38                    | 231.00                                  | SW                                     | 2.70                                | 66.38                               |
| 10/23/2016 9:00  | 144.22                    | 234.00                                  | SW                                     | 7.16                                | 54.08                               |
| 10/23/2016 10:00 | 150.50                    | 233.00                                  | SW                                     | 10.83                               | 46.22                               |
| 10/23/2016 11:00 | 155.91                    | 233.00                                  | SW                                     | 9.99                                | 43.00                               |
| 10/23/2016 12:00 | 163.46                    | 237.00                                  | WSW                                    | 7.87                                | 38.36                               |
| 10/23/2016 13:00 | 169.98                    | 253.00                                  | WSW                                    | 6.23                                | 35.38                               |
| 10/23/2016 14:00 | 173.79                    | 208.00                                  | SSW                                    | 6.71                                | 34.58                               |
| 10/23/2016 15:00 | 175.58                    | 219.00                                  | SW                                     | 8.55                                | 33.08                               |
| 10/23/2016 16:00 | 177.40                    | 237.00                                  | WSW                                    | 6.63                                | 33.17                               |
| 10/23/2016 17:00 | 175.42                    | 269.00                                  | W                                      | 5.05                                | 34.75                               |
| 10/23/2016 18:00 | 167.97                    | 303.00                                  | WNW                                    | 2.65                                | 42.68                               |
| 10/23/2016 19:00 | 161.91                    | 301.00                                  | WNW                                    | 2.41                                | 48.23                               |
| 10/23/2016 20:00 | 158.11                    | 289.00                                  | WNW                                    | 2.06                                | 50.93                               |
| 10/23/2016 21:00 | 154.87                    | 286.00                                  | WNW                                    | 2.49                                | 54.30                               |
| 10/23/2016 22:00 | 149.61                    | 236.00                                  | WSW                                    | 1.06                                | 60.82                               |
| 10/23/2016 23:00 | 141.59                    | 184.00                                  | S                                      | 0.65                                | 71.35                               |
| 10/24/2016 0:00  | 137.81                    | 185.00                                  | S                                      | 0.78                                | 76.17                               |
| 10/24/2016 1:00  | 134.37                    | 95.00                                   | E                                      | 1.43                                | 75.53                               |
| 10/24/2016 2:00  | 134.51                    | 60.00                                   | ENE                                    | 2.94                                | 60.48                               |

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) |
|------------------|---------------------------|-----------------------------------------|----------------------------------------|-------------------------------------|-------------------------------------|
| 10/24/2016 3:00  | 130.09                    | 80.00                                   | E                                      | 1.63                                | 64.65                               |
| 10/24/2016 4:00  | 125.77                    | 77.00                                   | ENE                                    | 1.68                                | 70.35                               |
| 10/24/2016 5:00  | 124.54                    | 59.00                                   | ENE                                    | 1.77                                | 70.03                               |
| 10/24/2016 6:00  | 122.91                    | 49.00                                   | NE                                     | 2.12                                | 72.20                               |
| 10/24/2016 7:00  | 122.32                    | 147.00                                  | S                                      | 3.11                                | 73.60                               |
| 10/24/2016 8:00  | 123.71                    | 83.00                                   | E                                      | 5.05                                | 73.71                               |
| 10/24/2016 9:00  | 129.28                    | 83.00                                   | E                                      | 4.88                                | 68.88                               |
| 10/24/2016 10:00 | 136.91                    | 82.00                                   | E                                      | 4.22                                | 62.45                               |
| 10/24/2016 11:00 | 143.56                    | 62.00                                   | ENE                                    | 4.22                                | 57.78                               |