

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) |
|----------------|---------------------------|---|--|-------------------------------------|-------------------------------------|
| 2/4/2016 12:00 | 36.73                     | 246.00                                  | WSW                                    | 4.87                                | 42.60                               |
| 2/4/2016 13:00 | 39.17                     | 216.00                                  | SW                                     | 4.77                                | 40.84                               |
| 2/4/2016 14:00 | 41.06                     | 220.00                                  | SW                                     | 4.56                                | 38.03                               |
| 2/4/2016 15:00 | 41.73                     | 233.00                                  | SW                                     | 6.22                                | 34.17                               |
| 2/4/2016 16:00 | 41.90                     | 224.00                                  | SW                                     | 5.87                                | 32.29                               |
| 2/4/2016 17:00 | 39.32                     | 222.00                                  | SW                                     | 3.93                                | 36.57                               |
| 2/4/2016 18:00 | 36.49                     | 175.00                                  | S                                      | 1.46                                | 41.20                               |
| 2/4/2016 19:00 | 33.87                     | 122.00                                  | ESE                                    | 1.59                                | 51.16                               |
| 2/4/2016 20:00 | 32.46                     | 137.00                                  | SE                                     | 1.96                                | 52.52                               |
| 2/4/2016 21:00 | 33.48                     | 176.00                                  | S                                      | 2.41                                | 46.66                               |
| 2/4/2016 22:00 | 34.25                     | 171.00                                  | S                                      | 3.67                                | 44.12                               |
| 2/4/2016 23:00 | 33.07                     | 170.00                                  | S                                      | 3.64                                | 47.66                               |
| 2/5/2016 0:00  | 32.49                     | 176.00                                  | S                                      | 3.53                                | 49.91                               |
| 2/5/2016 1:00  | 32.15                     | 185.00                                  | S                                      | 4.05                                | 53.46                               |
| 2/5/2016 2:00  | 32.14                     | 240.00                                  | WSW                                    | 3.52                                | 60.74                               |
| 2/5/2016 3:00  |                           | 229.00                                  | SW                                     | 2.09                                | 66.22                               |
| 2/5/2016 4:00  |                           | 302.00                                  | WNW                                    | 4.47                                | 64.83                               |
| 2/5/2016 5:00  |                           | 311.00                                  | NW                                     | 4.67                                | 75.50                               |
| 2/5/2016 6:00  |                           | 327.00                                  | NNW                                    | 4.25                                | 80.76                               |
| 2/5/2016 7:00  |                           | 293.00                                  | WNW                                    | 2.40                                | 80.16                               |
| 2/5/2016 8:00  |                           | 286.00                                  | WNW                                    | 3.48                                | 73.59                               |
| 2/5/2016 9:00  | 32.40                     | 201.00                                  | SSW                                    | 3.89                                | 69.03                               |
| 2/5/2016 10:00 | 34.14                     | 252.00                                  | WSW                                    | 3.43                                | 62.83                               |
| 2/5/2016 11:00 | 36.30                     | 285.00                                  | WNW                                    | 3.81                                | 54.24                               |
| 2/5/2016 12:00 | 38.01                     | 249.00                                  | WSW                                    | 3.36                                | 45.07                               |
| 2/5/2016 13:00 | 39.97                     | 263.00                                  | W                                      | 4.23                                | 34.91                               |
| 2/5/2016 14:00 | 39.91                     | 145.00                                  | SE                                     | 4.74                                | 34.28                               |
| 2/5/2016 15:00 | 41.10                     | 104.00                                  | ESE                                    | 3.89                                | 38.16                               |
| 2/5/2016 16:00 | 41.50                     | 76.00                                   | ENE                                    | 3.23                                | 36.74                               |
| 2/5/2016 17:00 | 38.13                     | 38.00                                   | NE                                     | 2.80                                | 42.48                               |
| 2/5/2016 18:00 | 34.96                     | 77.00                                   | ENE                                    | 1.77                                | 50.41                               |
| 2/5/2016 19:00 | 33.01                     | 98.00                                   | E                                      | 1.13                                | 56.43                               |
| 2/5/2016 20:00 |                           | 97.00                                   | E                                      | 0.73                                | 60.55                               |
| 2/5/2016 21:00 |                           | 132.00                                  | SE                                     | 1.15                                | 60.28                               |
| 2/5/2016 22:00 |                           | 120.00                                  | ESE                                    | 1.33                                | 56.26                               |
| 2/5/2016 23:00 |                           | 94.00                                   | E                                      | 1.10                                | 61.89                               |
| 2/6/2016 0:00  |                           | 99.00                                   | E                                      | 1.11                                | 67.90                               |
| 2/6/2016 1:00  |                           | 119.00                                  | ESE                                    | 0.79                                | 67.40                               |
| 2/6/2016 2:00  |                           | 75.00                                   | ENE                                    | 1.37                                | 68.10                               |
| 2/6/2016 3:00  |                           | 107.00                                  | ESE                                    | 0.86                                | 72.16                               |
| 2/6/2016 4:00  |                           | 139.00                                  | SE                                     | 2.03                                | 69.88                               |
| 2/6/2016 5:00  |                           | 93.00                                   | E                                      | 1.34                                | 73.91                               |
| 2/6/2016 6:00  |                           | 126.00                                  | SE                                     | 2.14                                | 76.97                               |
| 2/6/2016 7:00  |                           | 144.00                                  | SE                                     | 1.53                                | 75.93                               |
| 2/6/2016 8:00  | 34.44                     | 98.00                                   | E                                      | 2.30                                | 65.12                               |

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|----------------|---------------------------|---|--|-------------------------------------|-------------------------------------|
| 2/6/2016 9:00  | 39.21                     | 227.00                                  | SW                                     | 3.53                                | 52.07                               |
| 2/6/2016 10:00 | 42.89                     | 231.00                                  | SW                                     | 5.05                                | 44.63                               |
| 2/6/2016 11:00 | 47.37                     | 212.00                                  | SSW                                    | 5.56                                | 38.31                               |
| 2/6/2016 12:00 | 50.99                     | 227.00                                  | SW                                     | 6.41                                | 39.98                               |
| 2/6/2016 13:00 | 53.58                     | 242.00                                  | WSW                                    | 8.80                                | 37.10                               |
| 2/6/2016 14:00 | 55.06                     | 235.00                                  | SW                                     | 10.33                               | 33.41                               |
| 2/6/2016 15:00 | 56.01                     | 241.00                                  | WSW                                    | 8.41                                | 30.10                               |
| 2/6/2016 16:00 | 55.49                     | 230.00                                  | SW                                     | 7.46                                | 31.10                               |
| 2/6/2016 17:00 | 51.88                     | 211.00                                  | SSW                                    | 3.71                                | 37.07                               |
| 2/6/2016 18:00 | 49.12                     | 200.00                                  | SSW                                    | 2.26                                | 40.03                               |
| 2/6/2016 19:00 | 47.95                     | 177.00                                  | S                                      | 2.92                                | 40.34                               |
| 2/6/2016 20:00 | 46.93                     | 174.00                                  | S                                      | 3.68                                | 42.16                               |
| 2/6/2016 21:00 | 46.06                     | 191.00                                  | SSW                                    | 3.48                                | 43.98                               |
| 2/6/2016 22:00 | 44.97                     | 176.00                                  | S                                      | 5.12                                | 45.69                               |
| 2/6/2016 23:00 | 43.59                     | 187.00                                  | S                                      | 3.80                                | 47.34                               |
| 2/7/2016 0:00  | 43.04                     | 197.00                                  | SSW                                    | 3.92                                | 46.55                               |
| 2/7/2016 1:00  | 42.37                     | 181.00                                  | S                                      | 5.61                                | 46.49                               |
| 2/7/2016 2:00  | 42.08                     | 184.00                                  | S                                      | 5.44                                | 44.03                               |
| 2/7/2016 3:00  | 41.37                     | 185.00                                  | S                                      | 6.83                                | 43.83                               |
| 2/7/2016 4:00  | 41.44                     | 188.00                                  | S                                      | 7.23                                | 45.17                               |
| 2/7/2016 5:00  | 41.09                     | 192.00                                  | SSW                                    | 6.57                                | 49.22                               |
| 2/7/2016 6:00  | 41.19                     | 203.00                                  | SSW                                    | 7.88                                | 51.72                               |
| 2/7/2016 7:00  | 41.51                     | 205.00                                  | SSW                                    | 9.14                                | 52.98                               |
| 2/7/2016 8:00  | 44.07                     | 223.00                                  | SW                                     | 11.31                               | 50.17                               |
| 2/7/2016 9:00  | 46.98                     | 236.00                                  | WSW                                    | 10.39                               | 45.41                               |
| 2/7/2016 10:00 | 48.99                     | 240.00                                  | WSW                                    | 12.41                               | 43.40                               |
| 2/7/2016 11:00 | 50.88                     | 263.00                                  | W                                      | 11.56                               | 39.38                               |
| 2/7/2016 12:00 | 51.42                     | 267.00                                  | W                                      | 11.37                               | 39.29                               |
| 2/7/2016 13:00 | 51.25                     | 272.00                                  | W                                      | 9.23                                | 39.57                               |
| 2/7/2016 14:00 | 51.53                     | 270.00                                  | W                                      | 9.92                                | 38.57                               |
| 2/7/2016 15:00 | 52.23                     | 285.00                                  | WNW                                    | 10.80                               | 38.72                               |
| 2/7/2016 16:00 | 51.31                     | 266.00                                  | W                                      | 8.13                                | 40.22                               |
| 2/7/2016 17:00 | 50.20                     | 258.00                                  | WSW                                    | 5.28                                | 43.00                               |
| 2/7/2016 18:00 | 50.04                     | 283.00                                  | WNW                                    | 7.48                                | 38.05                               |
| 2/7/2016 19:00 | 46.34                     | 301.00                                  | WNW                                    | 12.28                               | 51.66                               |
| 2/7/2016 20:00 | 40.89                     | 287.00                                  | WNW                                    | 2.88                                | 70.33                               |
| 2/7/2016 21:00 | 39.35                     | 213.00                                  | SSW                                    | 3.24                                | 73.16                               |
| 2/7/2016 22:00 | 39.27                     | 278.00                                  | W                                      | 3.52                                | 71.72                               |
| 2/7/2016 23:00 | 40.42                     | 281.00                                  | W                                      | 6.68                                | 65.16                               |
| 2/8/2016 0:00  | 39.51                     | 285.00                                  | WNW                                    | 10.65                               | 65.67                               |
| 2/8/2016 1:00  | 38.10                     | 285.00                                  | WNW                                    | 9.92                                | 71.41                               |
| 2/8/2016 2:00  | 38.24                     | 289.00                                  | WNW                                    | 9.95                                | 67.66                               |
| 2/8/2016 3:00  | 37.96                     | 286.00                                  | WNW                                    | 12.27                               | 60.79                               |
| 2/8/2016 4:00  | 36.45                     | 285.00                                  | WNW                                    | 12.49                               | 55.36                               |
| 2/8/2016 5:00  | 34.21                     | 287.00                                  | WNW                                    | 14.77                               | 50.79                               |

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|----------------|---------------------------|---|--|-------------------------------------|-------------------------------------|
| 2/8/2016 6:00  | 32.97                     | 294.00                                  | WNW                                    | 13.43                               | 54.76                               |
| 2/8/2016 7:00  |                           | 295.00                                  | WNW                                    | 14.06                               | 57.33                               |
| 2/8/2016 8:00  |                           | 297.00                                  | WNW                                    | 14.18                               | 64.60                               |
| 2/8/2016 9:00  |                           | 305.00                                  | NW                                     | 12.80                               | 64.86                               |
| 2/8/2016 10:00 |                           | 297.00                                  | WNW                                    | 14.13                               | 56.53                               |
| 2/8/2016 11:00 |                           | 300.00                                  | WNW                                    | 16.27                               | 54.81                               |
| 2/8/2016 12:00 |                           | 297.00                                  | WNW                                    | 15.25                               | 58.04                               |

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