

Bridgeton Sanitary Landfill
AreaRAE Monitoring Data
Hourly Summary Report

| Date/Time | Sample Location | Avg CO (ppm) | Max CO (ppm) | Avg Gamma (ur/hour) | Max Gamma (ur/hour) | Avg H2S (ppm) | Max H2S (ppm) | Avg LEL (%) | Max LEL (%) | Avg O2 (%) | Max O2 (%) | Avg SO2 (ppm) | Max SO2 (ppm) | Avg VOC (ppm) | Max VOC (ppm) |
|------------------|-----------------|--------------|--------------|---------------------|---------------------|---------------|---------------|-------------|-------------|------------|------------|---------------|---------------|---------------|---------------|
| 2013-06-03 14:00 | 1 | 0.30 | 0.80 | | | 0.03 | 0.20 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-03 14:00 | 2 | 1.30 | 2.90 | | | 0.02 | 0.20 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.01 | 0.10 |
| 2013-06-03 14:00 | 7 | | | 15.23 | 17.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-03 14:00 | 8 | | | 18.47 | 22.00 | | | 0.00 | 0.00 | 20.81 | 20.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-03 14:00 | 10 | | | 6.53 | 8.00 | 0.03 | 0.10 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-03 14:00 | 12 | 0.03 | 0.60 | 6.56 | 8.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-03 14:00 | 13 | | | 5.11 | 7.00 | | | 0.00 | 0.00 | 22.77 | 22.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-03 15:00 | 1 | 0.27 | 0.60 | | | 0.02 | 0.10 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-03 15:00 | 2 | 1.54 | 3.20 | | | 0.02 | 0.10 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.02 | 0.10 |
| 2013-06-03 15:00 | 7 | | | 15.90 | 18.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-03 15:00 | 8 | | | 16.33 | 20.00 | | | 0.00 | 0.00 | 20.62 | 20.70 | 0.00 | 0.00 | 0.04 | 0.50 |
| 2013-06-03 15:00 | 10 | | | 7.06 | 9.00 | 0.04 | 0.20 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-03 15:00 | 12 | 0.03 | 0.30 | 7.00 | 15.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-03 15:00 | 13 | | | 4.89 | 6.00 | | | 0.00 | 0.00 | 22.76 | 22.80 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-03 16:00 | 1 | 0.23 | 0.80 | | | 0.02 | 0.10 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-03 16:00 | 2 | 1.88 | 3.50 | | | 0.02 | 0.10 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.04 | 0.20 |
| 2013-06-03 16:00 | 7 | | | 15.61 | 17.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-03 16:00 | 8 | | | 15.38 | 17.00 | | | 0.00 | 0.00 | 20.62 | 20.70 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-03 16:00 | 10 | | | 7.38 | 8.00 | 0.06 | 0.20 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-03 16:00 | 12 | 0.04 | 0.20 | 7.49 | 27.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-03 16:00 | 13 | | | 4.53 | 6.00 | | | 0.00 | 0.00 | 22.71 | 22.80 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-03 17:00 | 1 | 0.25 | 0.60 | | | 0.02 | 0.10 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-03 17:00 | 2 | 2.21 | 4.90 | | | 0.02 | 0.10 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.01 | 0.10 |
| 2013-06-03 17:00 | 7 | | | 13.21 | 14.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-03 17:00 | 8 | | | 15.13 | 19.00 | | | 0.00 | 0.00 | 20.89 | 20.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-03 17:00 | 10 | | | 7.79 | 11.00 | 0.04 | 0.10 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-03 17:00 | 12 | 0.05 | 0.50 | 8.13 | 10.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-03 17:00 | 13 | | | 4.61 | 6.00 | | | 0.00 | 0.00 | 22.76 | 22.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-03 18:00 | 1 | 0.23 | 0.80 | | | 0.00 | 0.10 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-03 18:00 | 2 | 1.76 | 4.80 | | | 0.04 | 0.20 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.07 | 0.30 |

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Hourly Summary Report

| Date/Time | Sample Location | Avg CO (ppm) | Max CO (ppm) | Avg Gamma (ur/hour) | Max Gamma (ur/hour) | Avg H2S (ppm) | Max H2S (ppm) | Avg LEL (%) | Max LEL (%) | Avg O2 (%) | Max O2 (%) | Avg SO2 (ppm) | Max SO2 (ppm) | Avg VOC (ppm) | Max VOC (ppm) |
|------------------|-----------------|--------------|--------------|---------------------|---------------------|---------------|---------------|-------------|-------------|------------|------------|---------------|---------------|---------------|---------------|
| 2013-06-03 18:00 | 7 | | | 11.97 | 16.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-03 18:00 | 8 | | | 17.92 | 22.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-03 18:00 | 10 | | | 8.38 | 9.00 | 0.03 | 0.10 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-03 18:00 | 12 | 0.01 | 0.10 | 8.62 | 20.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-03 18:00 | 13 | | | 4.62 | 6.00 | | | 0.00 | 0.00 | 22.12 | 23.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-03 19:00 | 1 | 0.33 | 1.30 | | | 0.00 | 0.10 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-03 19:00 | 2 | 1.19 | 3.20 | | | 0.00 | 0.00 | 0.00 | 0.00 | 20.92 | 21.30 | | | 0.00 | 0.00 |
| 2013-06-03 19:00 | 7 | | | 13.69 | 16.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-03 19:00 | 8 | | | 19.89 | 24.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-03 19:00 | 10 | | | 8.53 | 10.00 | 0.02 | 0.10 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-03 19:00 | 12 | 0.01 | 0.20 | 9.06 | 12.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-03 19:00 | 13 | | | 8.00 | 11.00 | | | 0.00 | 0.00 | 21.56 | 21.70 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-03 20:00 | 1 | 0.27 | 0.80 | | | 0.00 | 0.00 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-03 20:00 | 2 | 0.38 | 1.50 | | | 0.00 | 0.00 | 0.00 | 0.00 | 21.37 | 21.50 | | | 0.00 | 0.00 |
| 2013-06-03 20:00 | 7 | | | 12.14 | 16.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-03 20:00 | 8 | | | 20.28 | 25.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | 0.00 | 0.00 | 0.04 | 0.50 |
| 2013-06-03 20:00 | 10 | | | 7.94 | 11.00 | 0.00 | 0.00 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-03 20:00 | 12 | 0.00 | 0.00 | 6.56 | 9.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-03 20:00 | 13 | | | 5.31 | 7.00 | | | 0.00 | 0.00 | 20.94 | 21.50 | 0.00 | 0.00 | 0.17 | 1.00 |
| 2013-06-03 21:00 | 1 | 0.21 | 0.80 | | | 0.00 | 0.00 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-03 21:00 | 2 | 0.00 | 0.00 | | | 0.00 | 0.00 | 2.37 | 3.70 | 21.38 | 21.50 | | | 0.00 | 0.00 |
| 2013-06-03 21:00 | 7 | | | 9.92 | 12.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-03 21:00 | 8 | | | 15.00 | 20.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | 0.00 | 0.00 | 0.19 | 1.00 |
| 2013-06-03 21:00 | 10 | | | 5.97 | 8.00 | 0.00 | 0.00 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.01 | 0.10 |
| 2013-06-03 21:00 | 12 | 0.00 | 0.10 | 4.51 | 6.00 | | | 0.00 | 0.00 | 20.91 | 21.20 | | | 0.00 | 0.00 |
| 2013-06-03 21:00 | 13 | | | 2.28 | 3.00 | | | 0.00 | 0.00 | 20.07 | 20.40 | 0.00 | 0.00 | 1.10 | 1.50 |
| 2013-06-03 22:00 | 1 | 0.52 | 1.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-03 22:00 | 2 | 0.00 | 0.00 | | | 0.00 | 0.00 | 3.93 | 4.10 | 21.39 | 21.80 | | | 0.00 | 0.00 |
| 2013-06-03 22:00 | 7 | | | 8.32 | 9.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-03 22:00 | 8 | | | 10.63 | 13.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | 0.00 | 0.00 | 0.20 | 1.00 |

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Hourly Summary Report

| Date/Time | Sample Location | Avg CO (ppm) | Max CO (ppm) | Avg Gamma (ur/hour) | Max Gamma (ur/hour) | Avg H2S (ppm) | Max H2S (ppm) | Avg LEL (%) | Max LEL (%) | Avg O2 (%) | Max O2 (%) | Avg SO2 (ppm) | Max SO2 (ppm) | Avg VOC (ppm) | Max VOC (ppm) |
|------------------|-----------------|--------------|--------------|---------------------|---------------------|---------------|---------------|-------------|-------------|------------|------------|---------------|---------------|---------------|---------------|
| 2013-06-03 22:00 | 10 | | | 4.97 | 5.00 | 0.00 | 0.00 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.04 | 0.20 |
| 2013-06-03 22:00 | 12 | 0.02 | 0.20 | 4.71 | 23.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-03 22:00 | 13 | | | 1.87 | 2.00 | | | 0.00 | 0.00 | 19.64 | 19.80 | 0.00 | 0.00 | 1.61 | 2.50 |
| 2013-06-03 23:00 | 1 | 0.36 | 0.90 | | | 0.00 | 0.00 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-03 23:00 | 2 | 0.00 | 0.00 | | | 0.00 | 0.00 | 4.34 | 4.50 | 21.24 | 21.30 | | | 0.00 | 0.00 |
| 2013-06-03 23:00 | 7 | | | 7.85 | 10.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-03 23:00 | 8 | | | 9.23 | 12.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | 0.00 | 0.00 | 0.19 | 1.60 |
| 2013-06-03 23:00 | 10 | | | 5.10 | 6.00 | 0.00 | 0.00 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.04 | 0.30 |
| 2013-06-03 23:00 | 12 | 0.06 | 0.50 | 4.03 | 8.00 | | | 0.00 | 0.00 | 21.03 | 23.50 | | | 0.00 | 0.00 |
| 2013-06-03 23:00 | 13 | | | 1.43 | 3.00 | | | 0.00 | 0.00 | 19.41 | 19.50 | 0.00 | 0.00 | 2.06 | 3.00 |
| 2013-06-04 00:00 | 1 | 0.42 | 1.20 | | | 0.00 | 0.00 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 00:00 | 2 | 0.00 | 0.00 | | | 0.00 | 0.00 | 4.61 | 4.70 | 21.19 | 21.30 | | | 0.00 | 0.00 |
| 2013-06-04 00:00 | 7 | | | 7.10 | 8.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-04 00:00 | 8 | | | 8.54 | 11.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | 0.00 | 0.00 | 0.26 | 1.60 |
| 2013-06-04 00:00 | 10 | | | 5.00 | 6.00 | 0.00 | 0.00 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.05 | 0.30 |
| 2013-06-04 00:00 | 12 | 0.12 | 0.40 | 4.50 | 17.00 | | | 0.00 | 0.00 | 21.19 | 23.30 | | | 0.00 | 0.00 |
| 2013-06-04 00:00 | 13 | | | 1.61 | 3.00 | | | 0.00 | 0.00 | 19.31 | 19.40 | 0.00 | 0.00 | 2.25 | 3.50 |
| 2013-06-04 01:00 | 1 | 0.36 | 0.90 | | | 0.00 | 0.00 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 01:00 | 2 | 0.00 | 0.00 | | | 0.00 | 0.00 | 4.78 | 4.90 | 21.22 | 21.30 | | | 0.00 | 0.00 |
| 2013-06-04 01:00 | 7 | | | 6.52 | 8.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-04 01:00 | 8 | | | 8.03 | 9.00 | | | 0.00 | 0.00 | 20.87 | 20.90 | 0.00 | 0.00 | 0.26 | 1.00 |
| 2013-06-04 01:00 | 10 | | | 4.89 | 5.00 | 0.00 | 0.00 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.10 | 0.30 |
| 2013-06-04 01:00 | 12 | 0.13 | 0.60 | 4.26 | 9.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 01:00 | 13 | | | 1.60 | 3.00 | | | 0.00 | 0.00 | 19.17 | 19.30 | 0.00 | 0.00 | 2.33 | 3.00 |
| 2013-06-04 02:00 | 1 | 0.34 | 1.00 | | | 0.00 | 0.00 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 02:00 | 2 | 0.00 | 0.00 | | | 0.00 | 0.00 | 4.92 | 5.00 | 21.18 | 21.30 | | | 0.01 | 0.10 |
| 2013-06-04 02:00 | 7 | | | 6.07 | 8.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-04 02:00 | 8 | | | 7.95 | 11.00 | | | 0.00 | 0.00 | 20.63 | 20.70 | 0.00 | 0.00 | 0.18 | 1.00 |
| 2013-06-04 02:00 | 10 | | | 4.93 | 6.00 | 0.01 | 0.10 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.09 | 0.30 |
| 2013-06-04 02:00 | 12 | 0.10 | 0.50 | 4.56 | 20.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |

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Hourly Summary Report

| Date/Time | Sample Location | Avg CO (ppm) | Max CO (ppm) | Avg Gamma (ur/hour) | Max Gamma (ur/hour) | Avg H2S (ppm) | Max H2S (ppm) | Avg LEL (%) | Max LEL (%) | Avg O2 (%) | Max O2 (%) | Avg SO2 (ppm) | Max SO2 (ppm) | Avg VOC (ppm) | Max VOC (ppm) |
|------------------|-----------------|--------------|--------------|---------------------|---------------------|---------------|---------------|-------------|-------------|------------|------------|---------------|---------------|---------------|---------------|
| 2013-06-04 02:00 | 13 | | | 1.49 | 3.00 | | | 0.00 | 0.00 | 19.10 | 19.10 | 0.00 | 0.00 | 2.56 | 3.00 |
| 2013-06-04 03:00 | 1 | 0.57 | 1.80 | | | 0.00 | 0.00 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 03:00 | 2 | 0.00 | 0.00 | | | 0.00 | 0.00 | 5.07 | 5.20 | 21.12 | 21.30 | | | 0.00 | 0.00 |
| 2013-06-04 03:00 | 7 | | | 6.00 | 7.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-04 03:00 | 8 | | | 7.87 | 8.00 | | | 0.00 | 0.00 | 20.66 | 20.90 | 0.00 | 0.00 | 0.21 | 1.00 |
| 2013-06-04 03:00 | 10 | | | 4.98 | 6.00 | 0.00 | 0.00 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.09 | 0.30 |
| 2013-06-04 03:00 | 12 | 0.14 | 0.80 | 4.03 | 5.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 03:00 | 13 | | | 1.47 | 3.00 | | | 0.00 | 0.00 | 19.03 | 19.10 | 0.00 | 0.00 | 2.64 | 3.00 |
| 2013-06-04 04:00 | 1 | 0.69 | 4.80 | | | 0.00 | 0.00 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.10 |
| 2013-06-04 04:00 | 2 | 0.00 | 0.00 | | | 0.00 | 0.00 | 5.27 | 5.40 | 20.90 | 20.90 | | | 0.03 | 0.30 |
| 2013-06-04 04:00 | 7 | | | 5.67 | 7.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-04 04:00 | 8 | | | 7.97 | 9.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | 0.00 | 0.00 | 0.19 | 0.50 |
| 2013-06-04 04:00 | 10 | | | 4.72 | 8.00 | 0.00 | 0.00 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.09 | 0.20 |
| 2013-06-04 04:00 | 12 | 0.11 | 0.50 | 4.65 | 20.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 04:00 | 13 | | | 1.31 | 2.00 | | | 0.00 | 0.00 | 18.97 | 19.00 | 0.00 | 0.00 | 2.79 | 3.50 |
| 2013-06-04 05:00 | 1 | 0.53 | 1.80 | | | 0.00 | 0.00 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 05:00 | 2 | 0.00 | 0.00 | | | 0.00 | 0.00 | 5.33 | 5.40 | 20.90 | 20.90 | | | 0.00 | 0.10 |
| 2013-06-04 05:00 | 7 | | | 5.00 | 6.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-04 05:00 | 8 | | | 7.72 | 8.00 | | | 0.00 | 0.00 | 20.87 | 20.90 | 0.00 | 0.00 | 0.31 | 1.60 |
| 2013-06-04 05:00 | 10 | | | 4.92 | 7.00 | 0.00 | 0.00 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.18 | 0.50 |
| 2013-06-04 05:00 | 12 | 0.15 | 0.70 | 5.33 | 23.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 05:00 | 13 | | | 1.50 | 4.00 | | | 0.00 | 0.00 | 18.93 | 19.00 | 0.00 | 0.00 | 2.87 | 3.00 |
| 2013-06-04 06:00 | 1 | 0.11 | 0.60 | | | 0.00 | 0.00 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 06:00 | 2 | 0.00 | 0.00 | | | 0.00 | 0.10 | 5.11 | 5.30 | 20.90 | 20.90 | | | 0.01 | 0.10 |
| 2013-06-04 06:00 | 7 | | | 5.00 | 6.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-04 06:00 | 8 | | | 7.93 | 10.00 | | | 0.00 | 0.00 | 20.81 | 20.90 | 0.00 | 0.00 | 0.21 | 1.00 |
| 2013-06-04 06:00 | 10 | | | 4.89 | 8.00 | 0.00 | 0.10 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.13 | 0.30 |
| 2013-06-04 06:00 | 12 | 0.24 | 1.00 | 4.47 | 18.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 06:00 | 13 | | | 1.46 | 3.00 | | | 0.00 | 0.00 | 18.91 | 19.00 | 0.00 | 0.00 | 2.76 | 3.00 |
| 2013-06-04 07:00 | 1 | 0.14 | 0.80 | | | 0.00 | 0.00 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |

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| Date/Time | Sample Location | Avg CO (ppm) | Max CO (ppm) | Avg Gamma (ur/hour) | Max Gamma (ur/hour) | Avg H2S (ppm) | Max H2S (ppm) | Avg LEL (%) | Max LEL (%) | Avg O2 (%) | Max O2 (%) | Avg SO2 (ppm) | Max SO2 (ppm) | Avg VOC (ppm) | Max VOC (ppm) |
|------------------|-----------------|--------------|--------------|---------------------|---------------------|---------------|---------------|-------------|-------------|------------|------------|---------------|---------------|---------------|---------------|
| 2013-06-04 07:00 | 2 | 0.00 | 0.00 | | | 0.00 | 0.00 | 4.64 | 4.90 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 07:00 | 7 | | | 5.62 | 8.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-04 07:00 | 8 | | | 8.39 | 10.00 | | | 0.00 | 0.00 | 20.59 | 20.70 | 0.00 | 0.00 | 0.03 | 0.50 |
| 2013-06-04 07:00 | 10 | | | 5.03 | 6.00 | 0.01 | 0.10 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.08 | 0.40 |
| 2013-06-04 07:00 | 12 | 0.32 | 0.80 | 4.16 | 5.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 07:00 | 13 | | | 1.37 | 3.00 | | | 0.00 | 0.00 | 19.03 | 19.20 | 0.00 | 0.00 | 2.48 | 3.50 |
| 2013-06-04 08:00 | 1 | 0.19 | 0.70 | | | 0.00 | 0.00 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 08:00 | 2 | 0.00 | 0.00 | | | 0.00 | 0.00 | 3.93 | 4.40 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 08:00 | 7 | | | 6.75 | 8.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-04 08:00 | 8 | | | 11.15 | 12.00 | | | 0.00 | 0.00 | 20.65 | 20.90 | 0.00 | 0.00 | 0.12 | 1.00 |
| 2013-06-04 08:00 | 10 | | | 5.28 | 7.00 | 0.00 | 0.00 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.01 | 0.10 |
| 2013-06-04 08:00 | 12 | 0.08 | 0.40 | 6.21 | 29.00 | | | 0.00 | 0.00 | 20.65 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 08:00 | 13 | | | 1.49 | 3.00 | | | 0.00 | 0.00 | 19.30 | 19.50 | 0.00 | 0.00 | 2.04 | 3.00 |
| 2013-06-04 09:00 | 1 | 0.16 | 0.70 | | | 0.00 | 0.10 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 09:00 | 2 | 0.00 | 0.00 | | | 0.00 | 0.00 | 3.39 | 3.60 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 09:00 | 7 | | | 8.38 | 9.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-04 09:00 | 8 | | | 13.42 | 16.00 | | | 0.00 | 0.00 | 20.89 | 20.90 | 0.00 | 0.00 | 0.08 | 0.50 |
| 2013-06-04 09:00 | 10 | | | 5.77 | 6.00 | 0.00 | 0.10 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.01 | 0.10 |
| 2013-06-04 09:00 | 12 | 0.04 | 0.50 | 6.26 | 8.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 09:00 | 13 | | | 1.74 | 2.00 | | | 0.00 | 0.00 | 19.62 | 19.80 | 0.00 | 0.00 | 1.58 | 2.50 |
| 2013-06-04 10:00 | 1 | 0.21 | 0.60 | | | 0.03 | 0.10 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 10:00 | 2 | 0.00 | 0.00 | | | 0.00 | 0.00 | 2.77 | 3.10 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 10:00 | 7 | | | 10.86 | 12.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-04 10:00 | 8 | | | 12.87 | 16.00 | | | 0.00 | 0.00 | 20.83 | 20.90 | 0.00 | 0.00 | 0.10 | 1.00 |
| 2013-06-04 10:00 | 10 | | | 5.92 | 8.00 | 0.01 | 0.10 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.01 | 0.10 |
| 2013-06-04 10:00 | 12 | 0.04 | 0.40 | 7.17 | 31.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 10:00 | 13 | | | 2.00 | 2.00 | | | 0.00 | 0.00 | 19.91 | 20.10 | 0.00 | 0.00 | 1.33 | 1.50 |
| 2013-06-04 11:00 | 1 | 0.24 | 0.90 | | | 0.04 | 0.10 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 11:00 | 2 | 0.00 | 0.00 | | | 0.00 | 0.00 | 2.18 | 2.50 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 11:00 | 7 | | | 10.37 | 12.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | 0.00 | 0.00 | 0.00 | 0.00 |

Bridgeton Sanitary Landfill
AreaRAE Monitoring Data
Hourly Summary Report

| Date/Time | Sample Location | Avg CO (ppm) | Max CO (ppm) | Avg Gamma (ur/hour) | Max Gamma (ur/hour) | Avg H2S (ppm) | Max H2S (ppm) | Avg LEL (%) | Max LEL (%) | Avg O2 (%) | Max O2 (%) | Avg SO2 (ppm) | Max SO2 (ppm) | Avg VOC (ppm) | Max VOC (ppm) |
|------------------|-----------------|--------------|--------------|---------------------|---------------------|---------------|---------------|-------------|-------------|------------|------------|---------------|---------------|---------------|---------------|
| 2013-06-04 11:00 | 8 | | | 14.21 | 18.00 | | | 0.00 | 0.00 | 20.66 | 20.70 | 0.00 | 0.00 | 0.03 | 0.50 |
| 2013-06-04 11:00 | 10 | | | 6.45 | 8.00 | 0.01 | 0.10 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 11:00 | 12 | 0.07 | 0.40 | 7.14 | 29.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 11:00 | 13 | | | 2.34 | 3.00 | | | 0.00 | 0.00 | 20.27 | 20.50 | 0.00 | 0.00 | 0.92 | 2.00 |
| 2013-06-04 12:00 | 1 | 0.30 | 0.70 | | | 0.05 | 0.20 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 12:00 | 2 | 0.01 | 0.30 | | | 0.00 | 0.00 | 1.57 | 1.90 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 12:00 | 7 | | | 12.13 | 15.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-04 12:00 | 8 | | | 14.17 | 16.00 | | | 0.00 | 0.00 | 20.66 | 20.70 | 0.00 | 0.00 | 0.01 | 0.50 |
| 2013-06-04 12:00 | 10 | | | 7.14 | 9.00 | 0.03 | 0.10 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 12:00 | 12 | 0.06 | 0.40 | 8.11 | 11.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 12:00 | 13 | | | 3.11 | 4.00 | | | 0.00 | 0.00 | 20.68 | 20.90 | 0.00 | 0.00 | 0.26 | 1.00 |
| 2013-06-04 13:00 | 1 | 0.35 | 0.90 | | | 0.08 | 0.20 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 13:00 | 2 | 0.00 | 0.00 | | | 0.00 | 0.00 | 0.54 | 1.30 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 13:00 | 7 | | | 15.31 | 16.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2013-06-04 13:00 | 8 | | | 14.81 | 17.00 | | | 0.00 | 0.00 | 20.89 | 20.90 | 0.00 | 0.00 | 0.02 | 0.50 |
| 2013-06-04 13:00 | 10 | | | 7.33 | 8.00 | 0.03 | 0.10 | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 13:00 | 12 | 0.05 | 0.30 | 8.08 | 12.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | | | 0.00 | 0.00 |
| 2013-06-04 13:00 | 13 | | | 5.16 | 6.00 | | | 0.00 | 0.00 | 20.90 | 20.90 | 0.00 | 0.00 | 0.04 | 0.50 |