

Community Air Monitoring Program  
8/23/10 through 8/29/10

Community air monitoring data is reviewed and compared to specific NYSDEC/NYSDOH approved criteria, known as “Action Limits”. As a result of this evaluation process, site conditions are categorized into two categories, “Operational Condition” and “Action Condition”. The “Operational Condition” is applicable when the data is below the “Action Limits” noted in the table below. The “Action Condition” occurs when one or more fifteen minute average measurement for Dust (PM<sub>10</sub>), Total Volatile Organic Compounds (TVOC), Naphthalene or Odor Intensity exceeds the background or upwind measurement by the “Action Limits” in the table below. During the period from 8/23/10 through 8/29/10 there were six Fixed and two Portable Air Monitoring locations measuring TVOC and PM<sub>10</sub>. **Fifteen-minute averages for PM<sub>10</sub> and TVOC data remained in the Operational Condition**

There were no elevated TVOC or PM<sub>10</sub> concentrations during the monitoring period.

**Weekly Data Summary Report**  
**National Grid – Rockaway Park Former MGP Site – Rockaway Park, NY**  
**Reporting Period (Monday – Sunday): Start Date: 8/23/10 End Date: 8/29/10**

| Date   | FAM 1                                    |               | FAM 2                                    |               | FAM 3                                    |               | FAM 4                                    |               | FAM 5                                    |               | FAM 6                                    |               | PAM 1                                    |               | PAM 2                                    |               | HCN          | Odor                                    |                    |
|--|--|---------------|--|---------------|--|---------------|--|---------------|--|---------------|--|---------------|--|---------------|--|---------------|--------------|---|--------------------|
|  | PM <sub>10</sub><br>(µg/m <sup>3</sup> ) | TVOC<br>(ppm) | PM <sub>10</sub><br>(µg/m <sup>3</sup> ) | TVOC<br>(ppm) | PM <sub>10</sub><br>(µg/m <sup>3</sup> ) | TVOC<br>(ppm) | PM <sub>10</sub><br>(µg/m <sup>3</sup> ) | TVOC<br>(ppm) | PM <sub>10</sub><br>(µg/m <sup>3</sup> ) | TVOC<br>(ppm) | PM <sub>10</sub><br>(µg/m <sup>3</sup> ) | TVOC<br>(ppm) | PM <sub>10</sub><br>(µg/m <sup>3</sup> ) | TVOC<br>(ppm) | PM <sub>10</sub><br>(µg/m <sup>3</sup> ) | TVOC<br>(ppm) | HCN<br>(ppm) | Naphth<br>alene<br>(µg/m <sup>3</sup> ) | Intensity<br>(0-8) |
| Maximum 15-minute Averages (Action Limits: PM <sub>10</sub> = 150 µg/m <sup>3</sup> / TVOC = 5 ppm / Naphthalene = 440 µg/m <sup>3</sup> / Odor Intensity = 3 / HCN = 1 ppm) |  |               |  |               |  |               |  |               |  |               |  |               |  |               |  |               |              |   |                    |
| Mon 8/23/10  | 58.8                                     | 0.1           | 23.4                                     | 0.1           | 99.4                                     | 0.6           | 22.6                                     | 0.1           | 23.5                                     | 0.1           | 74.7 <sup>1</sup>                        | 0.1           | 8.2                                      | 0.0           | NA                                       | NA            | NA           | NA                                      | NA                 |
| Tue 8/24/10  | 66.3                                     | 0.1           | 10.0                                     | 0.1           | 11.6                                     | 0.1           | 9.2                                      | 0.1           | 9.5                                      | 0.1           | 29.7                                     | 0.1           | 24.7                                     | 0.7           | NA                                       | NA            | NA           | NA                                      | NA                 |
| Wed 8/25/10  | 95.2 <sup>2</sup>                        | 0.1           | 19.3                                     | 0.1           | 34.5                                     | 1.1           | 28.7                                     | 0.1           | 45.4                                     | 0.1           | 21.4                                     | 0.1           | 17.5                                     | 0.1           | NA                                       | NA            | NA           | NA                                      | NA                 |
| Thu 8/26/10  | 76.0                                     | 0.1           | 33.6                                     | 0.1           | 45.5                                     | 0.1           | 52.1                                     | 0.1           | 35.8                                     | 0.1           | 45.1                                     | 0.1           | ND <sup>3</sup>                          | 0.1           | NA                                       | NA            | NA           | NA                                      | NA                 |
| Fri 8/27/10  | 51.6                                     | 0.1           | 32.6                                     | 0.1           | 21.0                                     | 0.1           | 25.1                                     | 0.1           | 25.4                                     | 0.1           | 39.9                                     | 0.1           | 28.7 <sup>3</sup>                        | 0.0           | NA                                       | NA            | NA           | NA                                      | NA                 |
| Sat 8/28/10  | 66.6                                     | 0.1           | 23.0                                     | 0.1           | 28.0                                     | 0.1           | 24.0                                     | 0.1           | 29.1                                     | 0.1           | 47.2                                     | 0.1           | NA                                       | NA            | NA                                       | NA            | NA           | NA                                      | NA                 |
| Sun 8/29/10  | 78.4                                     | 0.1           | 35.3                                     | 0.1           | 56.1                                     | 0.1           | 37.2                                     | 0.1           | 41.5                                     | 0.1           | 48.8                                     | 0.8           | NA                                       | NA            | NA                                       | NA            | NA           | NA                                      | NA                 |

PM<sub>10</sub> = Respirable Particulate Matter (dust)

TVOC = Total Volatile Organic Compound

ppm = Parts per million (by volume)

µg/m<sup>3</sup> = Micrograms per cubic meter

All reported PM<sub>10</sub>, TVOC, and odor intensity values represent 15-minute averages.

ND No Data

NA Not Applicable

<sup>1</sup> FAM6 PM<sub>10</sub> data invalid 8/23/10 @ 12:00AM – 8:43AM due to instrument malfunction.

<sup>2</sup> FAM1 PM<sub>10</sub> data invalid 8/25/10 @ 5:45AM – 12:44AM due to PM<sub>10</sub> inlet becoming saturated from heavy rain.

<sup>3</sup> PAM1 PM<sub>10</sub> data invalid 8/26/10 for entire day until 8/27/10 @ 10:18AM due to instrument malfunction.