

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 (PM₁₀), 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 06/20/11 through 06/26/11 there were six Fixed Air Monitoring locations measuring TVOC and PM₁₀. **Fifteen-minute averages for PM₁₀ and TVOC data remained in the Operational Condition.** However, there were elevated concentrations above the Action Limit as described in the following paragraph.

On Wednesday, June 22, 2011 there was a period of elevated PM₁₀ concentrations at Fixed Air Monitoring stations 2, 3, 4 and 6 (FAM 2, FAM 3, FAM 4 and FAM 6) and again on Thursday, June 23, 2011 at each of the FAM stations. The elevated concentrations measured onsite were caused by high regional background concentrations associated with atmospheric conditions (high relative humidity) and were not the result of site activities. Each elevated concentration was reduced below the Action Limit after background subtraction. Therefore, the site remained in the operational condition (see Table 2).

Weekly Data Summary Report

National Grid – Rockaway Park Former MGP Site – Rockaway Park, NY Reporting Period (Monday – Sunday): Start Date: 06/20/11 End Date: 06/26/11

| Date | FAM 1 | | FAM 2 | | FAM 3 | | FAM 4 | | FAM 5 | | FAM 6 | | PAM 1 | | PAM 2 | | HCN | Odor | |
|--|--|---------------|--|---------------|--|---------------|--|---------------|--|---------------|--|---------------|--|---------------|--|---------------|--------------|-------------------------------------|--------------------|
| | PM ₁₀ (µg/m ³) | TVOC (ppm) | PM ₁₀ (µg/m ³) | TVOC (ppm) | PM ₁₀ (µg/m ³) | TVOC (ppm) | PM ₁₀ (µg/m ³) | TVOC (ppm) | PM ₁₀ (µg/m ³) | TVOC (ppm) | PM ₁₀ (µg/m ³) | TVOC (ppm) | PM ₁₀ (µg/m ³) | TVOC (ppm) | PM ₁₀ (µg/m ³) | TVOC (ppm) | HCN (ppm) | Naphthalene (µg/m ³) | Intensity (0-8) |
| Maximum 15-minute Averages (Action Limits: PM ₁₀ = 150 µg/m ³ / TVOC = 5 ppm / Naphthalene = 440 µg/m ³ / Odor Intensity = 3 / HCN = 1 ppm) | | | | | | | | | | | | | | | | | | | |
| Mon 06/20/11 | 36.8 | 0.1 | 46.8 | 0.1 | 45.7 | 0.1 | 54.0 | 0.1 | 54.9 | 0.1 | 50.0 | 0.1 | NA | NA | NA | NA | NA | NA | NA |
| Tue 06/21/11 | 57.1 | 0.1 | 66.7 | 0.1 | 46.1 | 0.1 | 55.3 | 0.1 | 37.3 | 0.1 | 51.6 | 0.1 | NA | NA | NA | NA | NA | NA | NA |
| Wed 06/22/11 | 137.5 | 0.1 | 198.7 ¹ | 0.1 | 198.5 ¹ | 0.1 | 221.1 ¹ | 0.1 | 138.6 | 0.1 | 187.5 ¹ | 0.1 | NA | NA | NA | NA | NA | NA | NA |
| Thu 06/23/11 | 199.6 ¹ | 0.1 | 272.9 ¹ | 0.1 | 261.9 ¹ | 0.1 | 300.3 ¹ | 0.1 | 215.8 ¹ | 0.1 | 273.3 ¹ | 0.1 | NA | NA | NA | NA | NA | NA | NA |
| Fri 06/24/11 | 54.6 | 0.1 | 57.6 | 0.1 | 63.6 | 0.2 | 62.7 | 0.1 | 46.6 | 0.1 | 68.0 | 0.1 | NA | NA | NA | NA | NA | NA | NA |
| Sat 06/25/11 | 95.0 | 0.1 | 82.7 | 0.1 | 68.2 | 0.1 | 69.8 | 0.1 | 52.7 | 0.1 | 75.8 | 0.1 | NA | NA | NA | NA | NA | NA | NA |
| Sun 06/26/11 | 103.3 | 0.1 | 65.0 | 0.1 | 46.6 | 0.1 | 66.4 | 0.1 | 41.6 | 0.1 | 54.9 | 0.1 | NA | NA | NA | NA | NA | NA | NA |

PM₁₀ = Respirable Particulate Matter (dust)

TVOC = Total Volatile Organic Compound

ppm = Parts per million (by volume)

µg/m³ = Micrograms per cubic meter

¹ Highlighted values indicate dates and locations that require further comparison to the Action Limits based on wind direction, off site and on site activities (see Table 2).

All reported PM₁₀, TVOC, and odor intensity values represent 15-minute averages.

ND = No Data

NA = Not Applicable

Weekly Elevated Concentration above the Action Limit Summary Report
National Grid – Rockaway Park Former MGP Site – Rockaway Park, NY
Reporting Period (Monday – Sunday): Start Date: 6/20/11 End Date: 6/26/11

| <i>Summary of Elevated Concentrations</i> | | | | | | | | | | | | | | | |
|---|---------------|---------|-----------------------------|------------------|-----------------|--------------|------------------------------|----------------------------|------------------------------|--------------------|---------------------|--------------------------------|--------------------------|---|---|
| Parameter | Date | Station | Start Time | End Time | Duration (Mins) | Action Limit | Approx. Start Dir* and speed | Approx. End Dir* and speed | Location of background conc. | Elevated Conc. Max | Background Conc. ** | Max Conc. – Background Conc.** | Site Condition | Site Activity During the Period (if applicable) | Actions Taken |
| <i>Elevated Concentrations Above the Action Limit</i> | | | | | | | | | | | | | | | |
| PM₁₀ | Wed 6/22/11 | FAM4 | 9:06PM 9:14PM 10:53PM | 9:08PM | 571 | 150 | S 2.3 mph | SE 4.6 mph | FAM1 | 300.3 | 195.5 | 104.8 | Operational ¹ | Atmospheric conditions (high relative humidity) | Background reduced levels below the Alert and Action Limit. |
| | Thurs 6/23/11 | | | 8:19AM | | | | | | | | | | | |
| PM₁₀ | Wed 6/22/11 | FAM3 | 10:52PM 11:12PM | 11:02PM | 564 | 150 | SE 4.6 mph | SSE 4.8 mph | FAM1 | 261.9 | 196.8 | 65.1 | Operational ¹ | Atmospheric conditions (high relative humidity) | Background reduced levels below the Alert and Action Limit. |
| | Thurs 6/23/11 | | | 8:24AM | | | | | | | | | | | |
| PM₁₀ | Wed 6/22/11 | FAM2 | 10:53PM 11:13PM | 10:59PM | 558 | 150 | SE 4.6 mph | SE 4.6 mph | FAM1 | 272.9 | 198.1 | 74.8 | Operational ¹ | Atmospheric conditions (high relative humidity) | Background reduced levels below the Alert and Action Limit. |
| | Thurs 6/23/11 | | | 8:23AM | | | | | | | | | | | |
| PM₁₀ | Wed 6/22/11 | FAM6 | 10:53PM | | 551 | 150 | SE 4.6 mph | SE 4.6 mph | FAM1 | 273.3 | 197.2 | 76.1 | Operational ¹ | Atmospheric conditions (high relative humidity) | Background reduced levels below the Alert and Action Limit. |
| | Thurs 6/23/11 | | | 7:46AM 7:58AM | | | | | | | | | | | |
| PM₁₀ | Thurs 6/23/11 | FAM1 | 12:32AM | 6:47AM | 376 | 150 | S 5.0 mph | SE 3.5 mph | FAM1 | 199.6 | 199.6 | 0.0 | Operational ¹ | Atmospheric conditions (high relative humidity) | Background reduced levels below the Alert and Action Limit. |
| PM₁₀ | Thurs 6/23/11 | FAM5 | 12:52AM | 6:49AM | 358 | 150 | S 3.7 mph | SE 3.5 mph | FAM1 | 215.8 | 195.9 | 19.9 | Operational ¹ | Atmospheric conditions (high relative humidity) | Background reduced levels below the Alert and Action Limit. |

* Wind Directions are presented by octant (i.e. N, NE, E, SE, S, SW, W, NW)

** Background concentrations are equal to the upwind concentrations unless winds are determined to be variable.

FAM – Real-time fixed air monitoring station

PAM – Real-time portable air monitoring station

NA – Not applicable

ND – No data available

VAR – Variable winds

PM₁₀ – Particulate matter (reported in µg/m³)

TVOC – Total volatile organic compound (reported in ppm)

¹ In accordance with DER-10 this type of event is not considered to be an exceedance because the elevated concentrations did not exceed the Action Limit.