

Community Air Monitoring Program
06/01/09 through 06/07/09

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 06/01/09 through 06/07/09 there were six Fixed and one Portable Air Monitoring locations measuring TVOC and PM₁₀. **Fifteen-minute averages for TVOC and PM10 data remained in Operational Condition.**

There were no elevated readings for TVOC or PM₁₀ for the monitoring period.

Weekly Data Summary Report
National Grid – Rockaway Park Former MGP Site – Rockaway Park, NY
Reporting Period (Monday – Sunday): Start Date: 06/01/09 End Date: 06/07/09

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 06/01/09	70.1 ¹	0.1 ¹	49.6	0.1	56.4	0.1	29.7	0.1	34.1	0.1	36.9	0.1	46.3	0.1	NA	NA	NA	NA	0
Tue 06/02/09	92.0 ²	0.1	83.0 ²	0.1	98.4	0.8	93.3	0.3	83.6 ²	0.1	99.6 ²	0.1	40.0	0.1	NA	NA	NA	NA	0
Wed 06/03/09	77.6	0.1	71.4	0.1	83.9	0.2	70.4	0.1	67.6	0.1	76.0	0.1	62.5	0.1	NA	NA	NA	NA	0
Thu 06/04/09	33.9	0.1	35.0	0.1	29.2	0.1	31.9	0.1	32.5	0.1	19.7	0.1	63.0	0.1	NA	NA	NA	NA	0
Fri 06/05/09	30.3	0.1	30.4	0.1	33.0	0.4	40.1	0.1	44.3	0.1	28.3	0.1	28.3	0.1	NA	NA	NA	424.3	2
Sat 06/06/09	66.4	0.1	28.7	0.1	40.4	0.1	33.4	0.1	39.7	0.1	33.8	0.1	NA	NA	NA	NA	NA	NA	NA
Sun 06/07/09	84.7	0.1	46.8	0.1	67.3	0.2	57.1	0.1	68.4	0.1	57.2	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 Data loss due to power outage (5/31 @ 9:56 PM through 6/1/09 @ 06:23 AM)

2 Periods of invalid data due to the PM₁₀ head becoming saturated from heavy rain

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

(FAM 1, FAM 2, FAM 5, and FAM 6) 6/2/09 @ 4:55 PM through 10:13 PM).

NA Not
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