

Community Air Monitoring Program
05/25/09 through 05/31/09

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 05/25/09 through 05/31/09 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: 05/25/09 End Date: 05/31/09

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 05/25/09	ND ¹	ND ¹	73.2	0.1	125.5	0.1	79.6	0.1	97.9	0.1	92.5	0.1	NA	NA	NA	NA	NA	NA	NA
Tue 05/26/09	44.2 ¹	0.4 ¹	38.9	0.1	44.1	0.8	36.0	0.1	37.1	0.1	43.1	0.1	61.8	0.1	NA	NA	NA	NA	1
Wed 05/27/09	21.9	0.3	12.5	0.1	16.1	0.8	14.3	0.1	15.5	0.1	14.7	0.1	22.4	0.1	NA	NA	NA	NA	2
Thu 05/28/09	28.1	0.3	17.6	0.1	26.7	0.1	28.9	0.1	30.5	0.1	45.7	0.1	20.5	0.1	NA	NA	NA	NA	1
Fri 05/29/09	71.3	0.1	10.1 ²	0.1	71.4	0.1	51.6	0.3	67.5	0.1	54.7	0.1	50.4	0.1	NA	NA	NA	NA	0
Sat 05/30/09	69.3	0.1	ND ²	0.1	55.8	0.1	27.8	0.1	28.3	0.1	22.6	0.1	NA	NA	NA	NA	NA	NA	NA
Sun 05/31/09	62.3 ¹	0.1 ¹	ND ²	0.1	71.6	0.1	49.9	0.1	41.1	0.1	36.1	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 (5/22/09 @ 5:06 PM through 5/26/09 @ 7:13 AM)

(5/31 @ 9:56 PM through 6/1/09 @ 06:23 AM)

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

2 Data invalid due to the PM₁₀ head becoming saturated from heavy rain and subsequent equipment malfunction.

NA Not
pplicable