

Community Air Monitoring Program
08/03/09 through 08/09/09

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 08/03/09 through 08/09/09 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: 08/03/09 End Date: 08/09/09

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)	Naphth alene (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 08/03/09	74.3	0.1	57.3	0.1	41.2	0.1	50.3	0.1	72.0	0.2	26.3	0.1	96.6	0.1	NA	NA	NA	NA	0
Tue 08/04/09	93.5	0.1	101.1 ¹	0.1	68.5 ¹	0.1	64.3 ¹	0.1	80.3 ¹	0.2	53.2	0.1	ND	ND	NA	NA	NA	NA	ND
Wed 08/05/09	106.5	0.1	86.0	0.1	103.6	0.1	72.7	0.1	87.7	0.1	71.4	0.1	96.8	0.1	NA	NA	NA	NA	0
Thu 08/06/09	53.3	0.1	37.2	0.1	40.9	0.1	55.2	0.1	34.0	0.1	26.8	0.1	15.9	0.4	NA	NA	NA	NA	0
Fri 08/07/09	55.0	0.1	10.9	0.1	42.0	0.1	102.0	0.7	20.7	0.1	19.4	0.1	15.7	0.1	NA	NA	NA	NA	0
Sat 08/08/09	2.1	0.1	1.1	0.1	8.2	0.1	9.6	0.1	12.3	0.1	4.5	0.1	NA	NA	NA	NA	NA	NA	NA
Sun 08/09/09	41.6	0.1	55.2	0.1	62.9	0.1	60.6	0.1	70.9	0.1	55.8	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

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

NA = Nott Applicable

ND = No Data

¹ Periods of invalid PM₁₀ data due to high moisture and a rain event

FAM 2 8/4/09 @ 9:06PM – 9:36PM

FAM 3 8/4/09 @ 9:06PM – 9:49PM

FAM 4 8/4/09 @ 9:06PM – 9:33PM

FAM 5 8/4/09 @ 9:06PM – 9:35PM