

Community Air Monitoring Program
04/11/11 through 04/17/11

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 04/11/11 through 04/17/11 there were six Fixed Air Monitoring locations measuring TVOC and PM₁₀. **Fifteen-minute averages for PM₁₀ and TVOC data remained in the Operational Condition.**

There were no elevated TVOC or PM₁₀ 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: 04/11/11 End Date: 04/17/11

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)	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 04/11/11	83.8	1.1	51.6	0.3	63.1	0.1	62.4	0.1	42.1	0.7	48.3	0.3	NA	NA	NA	NA	NA	NA	NA
Tue 04/12/11	82.8	0.4	52.0	1.4	78.0 ¹	0.1	62.8 ²	0.1 ²	41.5	1.0	48.0	1.7	NA	NA	NA	NA	NA	NA	NA
Wed 04/13/11	86.7	0.6	132.1	0.8	84.7 ¹	0.6	67.1 ²	0.6 ²	41.9	0.4	90.6	1.4	NA	NA	NA	NA	NA	NA	NA
Thu 04/14/11	62.6	0.2	35.2	0.5	48.5	0.1	39.6	0.1	22.6	0.1	33.5	0.1	NA	NA	NA	NA	NA	NA	NA
Fri 04/15/11	92.8	0.7	45.4	0.3	13.8	0.1	21.9	0.1	11.9	0.1	17.7	0.1	NA	NA	NA	NA	NA	NA	NA
Sat 04/16/11	97.1 ¹	1.1	41.2 ¹	0.4	50.6 ¹	1.4	43.4	0.1	30.7	0.1	41.0	0.1	NA	NA	NA	NA	NA	NA	NA
Sun 04/17/11	98.9 ¹	1.0	84.4 ¹	0.4	78.9 ¹	1.0	45.9	0.1	33.5	0.1	43.4	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.

ND No Data

NA Not Applicable

¹ FAM1 4/16 @ 8:42PM – 4/17/11 @ 12:11AM, FAM2 4/16 @ 5:14PM – 4/17/11 @ 2:59AM, and FAM 3 4/12 @ 9:10PM – 4/13/11 @ 9:43AM and 4/16 @ 11:33PM – 4/17/11 @ 6:30AM PM₁₀ data invalid due to inlet head becoming saturated by rain.

² FAM4 PM₁₀ and TVOC data invalid due to instruments losing power from 4/12 @ 7:12PM - 4/13/11 @ 7:59AM.