

Community Air Monitoring Program
6/21/10 through 6/27/10

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 6/21/10 through 6/27/10 there were six Fixed and two Portable 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: 6/21/10 End Date: 6/27/10

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 6/21/10	134.7	0.9	21.2	0.1	44.8	0.1	79.7	0.2 ¹	23.7	0.1	41.8	0.1	ND ²	ND ²	NA	NA	NA	NA	NA
Tue 6/22/10	84.8	0.8	63.4	0.1	93.8 ³	0.7	75.2	0.1 ¹	67.1	0.1	65.6	0.1	ND ²	ND ²	NA	NA	NA	NA	NA
Wed 6/23/10	93.2	0.1	76.9	0.1	53.1 ³	1.9	86.5	0.1	84.1 ⁴	0.1 ⁴	83.3	0.1	43.3 ²	0.1 ²	NA	NA	NA	NA	NA
Thu 6/24/10	94.8	0.1	72.7	0.1	96.3	0.1	84.4	0.1	118.9	0.1	68.0	0.1	66.6	0.1	NA	NA	NA	NA	NA
Fri 6/25/10	81.8	0.2	24.5	0.4	21.2	0.1	52.6	0.1	32.9	0.1	20.1	0.1	46.5	0.1	NA	NA	NA	NA	NA
Sat 6/26/10	121.3	0.1	72.6	0.1	116.1	0.1	86.2	0.1	83.9	0.1	94.5	0.1	NA	NA	NA	NA	NA	NA	NA
Sun 6/27/10	135.1	0.1	109.4	0.1	146.3	0.1	121.6	0.1	124.1	0.1	131.6	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 FAM4 TVOC invalid 6/21 @ 9:31PM – 6/22/10 @ 12:01PM due to instrument malfunction.

² No valid data collected for PAM 1 until 6/23/10 @ 3:37PM due to battery failure.

³ FAM3 PM₁₀ invalid 6/22 @ 10:31PM – 6/23/10 @ 9:19AM.

⁴ FAM5 data invalid 6/23 @ 3:08PM – 6/24/10 @ 7:49AM instrument malfunction.