

Community Air Monitoring Program
06/13/11 through 06/19/11

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 06/13/11 through 06/19/11 there were six Fixed Air Monitoring locations measuring TVOC and PM₁₀. **Fifteen-minute averages for PM₁₀ and TVOC data remained in the Operational Condition.** However, there were elevated concentrations above the Action Limit as described in the following paragraph.

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: 06/13/11 End Date: 06/19/11

Date	FAM 1		FAM 2		FAM 3		FAM 4		FAM 5		FAM 6		PAM 1		PAM 2		HCN	Odor	
	PM ₁₀	TVOC	PM ₁₀	TVOC	PM ₁₀	TVOC	PM ₁₀	TVOC	PM ₁₀	TVOC	PM ₁₀	TVOC	PM ₁₀	TVOC	PM ₁₀	TVOC	HCN	Naphthalene	Intensity
	(µg/m ³)	(ppm)	(µg/m ³)	(ppm)	(µg/m ³)	(ppm)	(µg/m ³)	(ppm)	(µg/m ³)	(ppm)	(µg/m ³)	(ppm)	(µg/m ³)	(ppm)	(µg/m ³)	(ppm)	(ppm)	(µg/m ³)	(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 06/13/11	51.9	0.1	18.7	0.1	24.3	0.1	28.7	0.1	26.4	0.1	28.2	0.1	NA	NA	NA	NA	NA	NA	NA
Tue 06/14/11	19.7	0.1	13.6	0.1	15.6	0.1	14.2	0.1	12.5	0.1	10.7	0.1	NA	NA	NA	NA	NA	NA	NA
Wed 06/15/11	77.5	0.1	67.1	0.1	38.9	0.1	45.9	0.1	29.6	0.1	37.5	0.1	NA	NA	NA	NA	NA	NA	NA
Thu 06/16/11	47.6	0.1	91.8	0.1	64.5	0.1	72.8	0.1	66.0	0.1	71.7	0.1	NA	NA	NA	NA	NA	NA	NA
Fri 06/17/11	52.9	0.1	81.8	0.1	66.6	2.0	86.8 ²	0.1	61.7	0.1	78.5 ²	0.1	NA	NA	NA	NA	NA	NA	NA
Sat 06/18/11	75.6	0.1	95.5	0.1	77.9	0.7	91.2	0.1	76.4	0.1	83.0	0.1	NA	NA	NA	NA	NA	NA	NA
Sun 06/19/11	62.4	0.1	87.4	0.1	114.8	0.7	107.4	0.1	75.9	0.1	103.5	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 Highlighted values indicate dates and locations that require further comparison to the Action Limits based on wind direction, off site and on site activities (see Table 2).

² FAM4 6/17/11 @ 4:16PM - 4:42PM and FAM6 @ 4:23PM - 4:49PM PM₁₀ data was invalid, due to moisture in the sample line.