

Community Air Monitoring Program
12/13/10 through 12/19/10

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 12/13/10 through 12/19/10 there were six Fixed and one 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: 12/13/10 End Date: 12/19/10

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 12/13/10	73.6	0.2	84.7 ¹	0.1 ¹	50.1	0.1	43.1	0.1	40.9	0.1	73.6	0.6	77.0	0.2	NA	NA	NA	NA	NA
Tue 12/14/10	30.2	0.2	ND ²	0.1	19.6	0.1	20.8	0.1	11.2	0.1	36.8	0.1	8.5	0.1	NA	NA	NA	NA	NA
Wed 12/15/10	38.5	0.1	ND ²	0.1	19.8	0.1	10.6	0.1	9.2	0.1	36.7	0.1	8.5	0.1	NA	NA	NA	NA	NA
Thu 12/16/10	45.1	0.1	55.7 ²	0.1	45.6	0.1	35.7	0.1	33.3	0.1	63.1	0.1	29.9	0.1	NA	NA	NA	NA	NA
Fri 12/17/10	48.6	0.1	47.2	0.1	48.6	0.1	38.0	0.1	36.4	0.1	65.7	0.2	43.8	0.1	NA	NA	NA	NA	NA
Sat 12/18/10	70.4	0.1	69.5	0.1	66.4	0.1	55.9	0.1	52.4	0.1	82.4	0.1	NA	NA	NA	NA	NA	NA	NA
Sun 12/19/10	81.3	0.1	83.0	0.1	76.4	0.1	65.6	0.1	61.8	0.1	91.3	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 FAM2 12/13/10 @ 12:00AM – 7:35AM data missing due to power outage (Breaker Tripped).

² FAM2 12/13 @ 8:08PM – 12/16/10 @ 7:45AM PM₁₀ data invalid due to instrument malfunction.

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

ND No Data

NA Not Applicable