

Community Air Monitoring Program
12/15/08 through 12/19/08

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 12/15/08 through 12/19/08 there were six 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 – Friday): Start Date: 12/15/08 End Date: 12/19/08

Date	PAM 1		PAM 2		PAM 3		PAM 4		PAM 5		PAM 6		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)	Naphthalene (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)														
Mon 12/15/08	64.5	0.1	72.7	0.4	49.8	0.3	67.2	0.3	42.4	0.2	42.3	0.3	NA	NA
Tue 12/16/08	27.6	0.3	27.5	0.1	34.7	0.3	27.2	0.1	29.7	0.1	27.7	0.1	NA	NA
Wed 12/17/08	65.2	0.2	67.7	0.1	76.9	0.5	66.5	0.2	65.8	0.1	66.6	0.8	NA	NA
Thu 12/18/08	62.4	0.4	63.1	0.5	59.9	0.6	45.4	0.2	48.5	0.3	46.4	0.4	NA	NA
Fri 12/19/08	49.5	0.3	48.1	0.3	52.1	0.2	44.0	0.1	42.3	0.2	40.5	0.1	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.

Odor Intensity is measured 0-8 on the n-butanol scale.

FAM # Fixed Air Monitoring Station

PAM # Portable Air Monitoring Station

ND No Data

NA Not Applicable