

Community Air Monitoring Program
09/21/09 through 09/27/09

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 09/21/09 through 09/27/09 there were six Fixed and one Portable Air Monitoring locations measuring TVOC and PM₁₀. **Fifteen-minute averages for 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 – Sunday): Start Date: 09/21/09 End Date: 09/27/09

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)	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 / HCN = 1 ppm)																			
Mon 09/21/09	23.4 ¹	0.1 ¹	24.3	0.1	41.1	0.1	19.2	0.1	22.5	0.1	27.2	0.1	73.3 ¹	0.1 ¹	NA	NA	NA	NA	NA
Tue 09/22/09	23.5	0.1	18.1	0.1	35.2	0.1	13.7	0.1	15.7	0.1	22.3	0.1	40.4	0.1	NA	NA	NA	NA	NA
Wed 09/23/09	28.0	0.1	19.4	0.1	34.3	0.2	22.4	0.1	19.5	0.1	18.7	0.1	61.4	0.1	NA	NA	NA	NA	NA
Thu 09/24/09	57.1	0.2	44.8	0.1	91.6	0.2	50.8	0.1	58.0	0.2	41.5	0.1	75.3	0.1	NA	NA	NA	NA	NA
Fri 09/25/09	9.9	0.2	10.0	0.1	65.6	0.1	13.1	0.1	31.3	0.1	40.3	0.1	48.1	0.1	NA	NA	NA	NA	NA
Sat 09/26/09	5.4	0.2	8.3	0.1	10.5	0.1	13.4	0.1	7.7	0.1	7.6	0.1	NA	NA	NA	NA	NA	NA	NA
Sun 09/27/09	16.0	0.4	17.2	0.1	8.9 ²	0.2	18.2	0.1	17.2	0.1	18.9	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.

NA = ND No Data

NA = Not Applicable

¹ FAM1 9/21/09 @ 12:00 AM – 12:18 PM site lost power, PAM 1 moved to FAM 1 location at start of the workday until power was restored.

² FAM 3 9/27/09 @ 9:13 AM – 9/27/09 @ 12:00 AM PM₁₀ instrument malfunction due to heavy rain, instrument was replaced.