

Community Air Monitoring Program
01/24/11 through 01/30/11

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 01/24/11 through 01/30/11 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: 01/24/11 End Date: 01/30/11

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 01/24/11	42.4	0.5	78.4	0.5	28.6	0.5	39.9	0.6	32.0	0.6	27.8	0.5	31.6	0.6	NA	NA	NA	NA	NA
Tue 01/25/11	62.2	0.6	97.5	1.0	64.0	0.3	71.3	0.4	55.6	0.8	54.7	0.6	59.1	2.6	NA	NA	NA	NA	NA
Wed 01/26/11	91.7	0.3	124.3	0.7	81.1	0.3	92.0	0.2	76.6	1.0	79.2	0.2	88.6 ¹	0.2 ¹	NA	NA	NA	NA	NA
Thu 01/27/11	30.4	0.4	40.7	0.5	30.0	0.1	40.9	0.1	28.1	0.1	27.4	0.2	27.8 ¹	0.0 ¹	NA	NA	NA	NA	NA
Fri 01/28/11	71.9	0.3	72.3	0.3	96.4	0.2	65.1	0.2	63.2	0.1	48.6	0.2	85.2	0.6	NA	NA	NA	NA	NA
Sat 01/29/11	75.5	0.3	88.2	0.1	67.0	0.1	76.3	0.1	59.2	0.1	64.2	0.1	NA	NA	NA	NA	NA	NA	NA
Sun 01/30/11	60.6	0.4	61.2	0.1	45.5	0.1	56.1	0.1	41.1	0.1	44.2	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 PAM1 data invalid due to instrument malfunction (power failure) for
TVOC 1/26/11 @ 12:58PM – 1/27/11 @ 11:49AM and
PM₁₀ 1/26/11 @ 1:49PM – 1/27/11 @ 11:35AM.

All reported PM₁₀, TVOC, and odor intensity values represent 15-minute averages.
ND No Data
NA Not Applicable