

Community Air Monitoring Program
04/20/09 through 04/26/09

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 04/20/09 through 04/26/09 there were six Fixed and one 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 – Sunday): Start Date: 04/20/09 End Date: 04/26/09

Date	FAM 1		FAM 2		FAM 3		FAM 4		FAM 5		FAM 6		PAM 1		PAM 2		PAM 3		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	PM ₁₀	TVOC	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)	(µg/m ³)	(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)																				
Mon 04/20/09	40.3	0.1	70.0	0.2	47.7 ¹	0.1	36.1	0.1	30.7 ¹	0.2	36.1 ¹	0.1	74.8	0.1	NA	NA	NA	NA	NA	NA
Tue 04/21/09	62.9	0.1	47.4	0.5	59.8 ¹	0.1	49.4	0.1	75.8 ¹	0.2	44.8 ¹	0.1	95.9	0.1	NA	NA	NA	NA	NA	NA
Wed 04/22/09	89.8	0.1	47.5	0.2	67.6	0.1	59.7	0.1	49.0	0.2	51.3	0.1	78.2	0.1	NA	NA	NA	NA	NA	NA
Thu 04/23/09	28.6	0.1	24.5	0.1	80.4	0.1	18.3	0.1	43.0	0.2	17.3	0.1	50.0	0.1	NA	NA	NA	NA	NA	NA
Fri 04/24/09	32.5	0.1	35.1	0.1	39.9	0.1	31.6	0.1	29.3	0.2	32.3	0.1	61.9	0.1	NA	NA	NA	NA	NA	NA
Sat 04/25/09	50.4	0.1	58.1	0.1	74.1	0.1	61.1	0.1	56.8	0.2	63.5	0.1	NA	NA	NA	NA	NA	NA	NA	NA
Sun 04/26/09	41.7	0.1	48.8	0.2	70.5	0.1	52.6	0.1	59.2	0.2	66.7	0.1	NA	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.
Fixed Air Monitoring Station

¹ Data collection interrupted for PM₁₀ at FAM 3, FAM 5, and FAM 6 due to inlet saturation caused by heavy precipitation.

FAM 3 (4/20 @ 07:25 PM – 4/21/09 @ 05:50 AM)

FAM 5 (4/20 @ 10:37 PM – 4/21/09 @ 06:07 AM)

FAM 6 (4/20 @ 07:38 PM – 04/21/09 @ 06:53 AM)

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