

Community Air Monitoring Program
10/26/09 through 11/01/09

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 10/26/09 through 11/01/09 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.**

The daily maximum concentrations are shown in the following table.

Weekly Data Summary Report
National Grid – Rockaway Park Former MGP Site – Rockaway Park, NY
Reporting Period (Monday – Sunday): Start Date: 10/26/09 End Date: 11/01/09

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	Naphth alene	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 10/26/09	42.0	0.2	21.8	0.1	41.4	0.1	16.9	0.1	63.1	1.1	98.5	0.1	58.1	0.1	NA	NA	NA	NA	NA
Tue 10/27/09	26.5	0.2	26.0	0.1	29.1	0.3	25.3	0.1	27.5	0.1	34.0	0.1	82.7	1.0	NA	NA	NA	NA	NA
Wed 10/28/09	15.0	0.4	12.5	0.1	87.5	0.1	13.0	0.1	12.8	0.1	15.8	0.1	24.9	0.1	NA	NA	NA	NA	NA
Thu 10/29/09	17.7	0.2	23.5 ¹	0.1 ¹	49.5	0.1	21.9	0.1	36.5	0.1	82.8	0.1	60.2	0.1	NA	NA	NA	NA	NA
Fri 10/30/09	22.0	0.2	27.1 ¹	0.1 ¹	72.0	0.1	24.3	0.1	43.0	0.1	33.3	0.1	66.1	0.1	NA	NA	NA	NA	NA
Sat 10/31/09	56.6	0.2	27.3	0.1	22.8	0.1	22.7	0.1	23.9	0.1	26.3	0.1	NA	NA	NA	NA	NA	NA	NA
Sun 11/01/09	9.8	0.2	12.5	0.1	10.8	0.1	9.7	0.1	9.8	0.1	11.7	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 FAM 2 10/29 @ 12:44 PM through 10/30/09 @ 7:20 AM unit left in calibration mode.

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

ND No Data

NA Not Applicable

Weekly Elevated Concentration above the Action Limit Summary Report
National Grid – Rockaway Park Former MGP Site – Rockaway Park, NY
Reporting Period (Monday – Sunday): Start Date: 10/26/09 End Date: 11/01/09

<i>Summary of Elevated Concentrations</i>															
Parameter	Date	Station	Start Time	End Time	Duration (Mins)	Action Limit	Approx. Start Dir* and speed	Approx. End Dir* and speed	Location of background conc.	Elevated Conc. Max	Background Conc. **	Max Conc. – Background Conc.**	Site Condition	Site Activity During the Period (if applicable)	Actions Taken
<i>Elevated Concentrations Above the Action Limit</i>															

* Wind Directions are presented by octant (i.e. N, NE, E, SE, S, SW, W, NW)

** Background concentrations are equal to the upwind concentrations unless winds are determined to be variable.

¹ In accordance with DER-10 this type of event is not considered to be an exceedance because the elevated concentrations did not exceed the Action Limit.

FAM – Real time fixed air monitoring station

PAM – Real time portable air monitoring station

NA – Not applicable

ND – No data available

VAR – Variable winds

PM10 – Particulate matter (reported in $\mu\text{g}/\text{m}^3$)

TVOC – Total volatile organic compound (reported in ppm)