

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 9/27/10 through 10/3/10 there were six Fixed and two Portable Air Monitoring locations measuring TVOC and PM₁₀. **Fifteen-minute averages for PM₁₀ and TVOC data remained in the Operational Condition during work activities.** However, there were elevated concentrations above the Action Limit as described in the following paragraph.

On Sunday, October 3, 2010 there was a period of elevated PM₁₀ concentrations at Fixed Air Monitoring Site 4 (FAM 4). The cause of the elevated concentrations is unknown. There was no on-site work activity during the elevated concentrations.

Weekly Data Summary Report
National Grid – Rockaway Park Former MGP Site – Rockaway Park, NY
Reporting Period (Monday – Sunday): Start Date: 9/27/10 End Date: 10/3/10

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 9/27/10	40.3	0.1	23.8	0.1	59.1	0.1	23.7	0.1	16.6	0.1	18.0	0.1	36.6	0.2	NA	NA	NA	NA	NA
Tue 9/28/10	56.5	0.1	33.5	0.1	45.0	0.1	35.1	0.1	25.5	0.1	26.2	0.1	48.7	0.1	NA	NA	NA	NA	NA
Wed 9/29/10	86.4	0.1	32.6	0.1	70.7	0.1	41.7	0.1	43.1	0.1	35.6	0.1	43.8	0.1	NA	NA	NA	NA	NA
Thu 9/30/10	70.6	0.1	52.0	0.1	81.9	0.1	49.7	0.1	31.8	0.1	35.3	0.1	71.7	0.1	NA	NA	NA	NA	NA
Fri 10/1/10	82.3	0.1	51.8 ²	0.1	26.8	0.1	53.6	0.1	44.7	0.1	47.5	0.1	28.1	0.1	NA	NA	NA	NA	NA
Sat 10/2/10	64.5	0.1	14.7	0.1	14.1	0.1	8.7	0.1	15.8 ³	0.1	10.7	0.1	NA	NA	NA	NA	NA	NA	NA
Sun 10/3/10	46.5	0.1	13.2	0.1	14.8	0.1	158.1 ¹	0.1	99.5	0.1	9.6	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.

ND No Data

NA Not Applicable

¹ Highlighted values indicate dates and locations that require further comparison to the Action Limits based on wind direction, off site and on site activities (see Table 2).

² FAM 2 PM₁₀ data invalid 10/1/10 between 8:45AM and 12:14PM caused by the PM₁₀ head becoming saturated from rain.

³ FAM 5 PM₁₀ data invalid 10/1/10 between 6:21AM and 12:45PM caused by the PM₁₀ head becoming saturated

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: 9/27/10 End Date: 10/3/10

<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>															
PM₁₀	Sun 10/3/10	FAM4	12:47PM	12:59PM	13	150	E 13.6 mph	E 13.6 mph	FAM6	158.1	7.9	150.2	Operational ¹	No on-site work activity.	Concentrations immediately dropped following the elevated concentration.

* 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.

¹Site remained Operational during work activities, elevated concentration occurred during non work hours.

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 µg/m³)

TVOC – Total volatile organic compound (reported in ppm)