

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 03/19/12 through 03/25/12 there were six Fixed Air Monitoring locations measuring TVOC and PM₁₀. **Fifteen-minute averages for PM₁₀ and TVOC data remained in the Operational Condition.**

On Monday, March 19, 2012 there was an elevated PM₁₀ concentration above the Action Limit at FAM 6. The elevated concentration measured onsite was caused by atmospheric conditions (high relative humidity and fog). Background reduced all the elevated PM₁₀ concentration below the Alert and Action Limit and the site remained in the operational condition; because the event was not caused by ground intrusive activities and Was below the Action Limit after background subtraction (see the next page).

Weekly Data Summary Report
National Grid – Rockaway Park Former MGP Site – Rockaway Park, NY
Reporting Period (Monday – Sunday): Start Date: 03/19/12 End Date: 03/25/12

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 03/19/12	75.5	0.1	93.6	0.1	139.0	0.0	80.9	0.2	130.6	0.1	150.9	0.0	NA	NA	NA	NA	NA	NA	NA
Tue 03/20/12	24.6	1.4	21.1	0.2	24.6	0.3	27.5	0.0	26.2	0.1	22.4	0.0	NA	NA	NA	NA	NA	NA	NA
Wed 03/21/12	34.7	0.7	36.6	0.2	40.9	0.0	50.0	0.0	33.4	0.0	38.3	0.0	NA	NA	NA	NA	NA	NA	NA
Thu 03/22/12	54.9	0.1	65.5	0.3	72.6	0.0	59.9	0.0	62.7	0.0	58.6	0.0	NA	NA	NA	NA	NA	NA	NA
Fri 03/23/12	75.6	0.2	80.6	0.1	101.9	0.1	92.5	0.3	117.3	0.0	76.0	0.0	NA	NA	NA	NA	NA	NA	NA
Sat 03/24/12	20.1	0.4	24.3	0.2	30.4	0.1	21.0	0.0	29.0	0.0	26.7	0.0	NA	NA	NA	NA	NA	NA	NA
Sun 03/25/12	19.3	0.6	25.2	0.3	17.8	0.1	23.2	0.0	16.4	0.0	26.3	0.0	NA	NA	NA	NA	NA	NA	NA

PM₁₀ = Respirable Particulate Matter (dust)

TVOC = Total Volatile Organic Compounds

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

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: 03/19/11 End Date: 03/25/12

<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	Mon 03/19/12	FAM 6	05:58AM	-	1	150	SW 4.2 mph	"	FAM 1	150.9	69.0	81.9	Operational ¹	Elevated concentrations were caused by atmospheric conditions.	The site remained in Operational Condition because concentrations were below the Action Limit after background subtraction.

* 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.

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)

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.