

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 04/02/12 through 04/08/12 there were five Fixed Air Monitoring locations measuring TVOC and PM₁₀ as well as two Portable Air Monitoring units measuring TVOC and PM₁₀ at Fixed Monitoring locations FAM 1 and FAM 2 during periods of electrical interruptions (see below for specific dates and times). **Fifteen-minute averages for PM₁₀ and TVOC data remained in the Operational Condition.**

Weekly Data Summary Report
National Grid – Rockaway Park Former MGP Site – Rockaway Park, NY
Reporting Period (Monday – Sunday): Start Date: 04/02/12 End Date: 04/08/12

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 04/02/12	54.5 ^{1,2}	0.1 ^{1,2}	16.2	0.4	20.4	0.1	14.1	0.0	23.2	0.6	14.8	0.0	NA	NA	NA	NA	NA	NA	NA
Tue 04/03/12	71.6 ²	0.9 ²	7.3 ³	0.1 ³	16.1	0.0	38.0	0.0	28.6	0.0	10.6	0.0	NA	NA	NA	NA	NA	NA	NA
Wed 04/04/12	66.2 ²	1.5 ²	6.3 ^{2,3}	0.1 ^{2,3}	62.9	0.0	42.7	0.0	78.3	0.0	78.6	0.0	NA	NA	NA	NA	NA	NA	NA
Thu 04/05/12	77.2 ²	1.6 ²	43.3 ²	0.1 ²	64.0	0.1	19.1	0.0	33.2	0.0	23.4	0.0	NA	NA	NA	NA	NA	NA	NA
Fri 04/06/12	71.5 ²	0.5 ²	45.5 ²	0.1 ²	18.8	0.1	93.5	0.0	22.9	0.0	9.4	0.0	NA	NA	NA	NA	NA	NA	NA
Sat 04/07/12	17.3 ²	0.0 ²	14.1 ²	0.1 ²	22.8	0.1	17.3	0.0	20.7	0.1	18.8	0.0	NA	NA	NA	NA	NA	NA	NA
Sun 04/08/12	21.0 ²	0.0 ²	11.7 ²	0.1 ²	20.1	0.2	13.0	0.0	19.3	0.3	18.9	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

¹ FAM 1 TVOC and PM₁₀ data missing, instruments lost power 4/02 @ 12:00AM – 08:42AM

² FAM 1 and FAM 2 data replaced with PAM 1 and PAM 2 data due to power problems with FAM 1 and FAM 2 units.

³ FAM 2 data missing, unit lost power 4/3 @ 2:53PM – 3:16PM and 4:25PM – 4/4/12 @ 4:36PM when PAM 2 unit was started to replace FAM 2.