

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 05/28/12 through 06/03/12 there were six Fixed Air Monitoring locations measuring TVOC and PM₁₀. **Fifteen-minute averages for PM₁₀ and TVOC data remained in the Operational Condition.**

Weekly Data Summary Report

National Grid – Rockaway Park Former MGP Site – Rockaway Park, NY
Reporting Period (Monday – Sunday): Start Date: 05/28/12 End Date: 06/03/12

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)	Naphth alene (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 05/28/12	36.4	0.3	42.6	0.1	57.0	0.1	40.3	0.1	35.6	0.2	49.9	0.1	NA	NA	NA	NA	NA	NA	NA
Tue 05/29/12	72.9	0.1	76.3	0.1	59.9	0.1	63.3	0.1	52.0	0.2	57.1	0.1	NA	NA	NA	NA	NA	NA	NA
Wed 05/30/12	13.4	0.8	49.2	0.5	46.7	0.1	52.0	0.1	39.4	0.1	40.8	0.1	NA	NA	NA	NA	NA	NA	NA
Thu 05/31/12	29.0	0.5	72.7	0.1	73.4	0.1	82.3	0.1	76.6	0.2	74.5	0.1	NA	NA	NA	NA	NA	NA	NA
Fri 06/01/12	97.2	0.8	26.7	0.1	92.5	0.1	20.1	0.1	21.4	0.2	21.7	0.1	NA	NA	NA	NA	NA	NA	NA
Sat 06/02/12	109.6 ¹	0.7	85.8 ¹	0.1	51.2 ^{1,2}	0.1	46.1 ¹	0.1	63.8 ¹	0.2	79.8 ¹	0.1	NA	NA	NA	NA	NA	NA	NA
Sun 06/03/12	36.3	0.1	67.3	0.1	ND ²	0.1	18.9	0.1	24.9	0.3	56.6	0.1	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 The following PM10 FAM units had invalid data due to the inlet heads becoming saturated from heavy rain for the following periods:

FAM 1 6/2/12 @ 12:24AM – 2:59AM,

FAM 2 6/2/12 @ 12:24AM – 3:33AM,

FAM 3 6/2/12 @ 12:24AM – 2:47AM,

FAM 5 6/2/12 @ 12:24AM – 2:33AM, and

FAM 6 6/2/12 @ 2:14AM – 4:40AM.

² FAM 3 6/2/12 @ 6:01AM – 6/3/12 @ 11:59PM PM₁₀ data invalid due to an analyzer malfunction.