

Community Air Monitoring Program
6/7/10 through 6/13/10

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 6/7/10 through 6/13/10 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.**

Weekly Data Summary Report
National Grid – Rockaway Park Former MGP Site – Rockaway Park, NY
Reporting Period (Monday – Sunday): Start Date: 6/7/10 End Date: 6/13/10

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 6/7/10	15.6	1.0	14.9	0.2	49.2	0.1	38.6	0.2	140.2 ⁴	0.1 ⁴	16.6	0.1	49.9	0.1	NA	NA	NA	NA	NA
Tue 6/8/10	20.4	0.3	11.5	0.1	31.8	0.1	39.8	0.1	37.8 ⁴	0.1 ⁴	14.6	0.1	ND ⁵	ND ⁵	NA	NA	NA	NA	NA
Wed 6/9/10	59.8 ¹	0.6	33.1	0.1	66.4 ¹	1.6	40.5 ³	0.1 ³	35.3 ⁴	0.3 ⁴	17.6	0.2	103.7	ND ⁶	33.2 ³	0.3 ³	NA	NA	NA
Thu 6/10/10	56.9 ¹	3.3	58.8	0.3	95.4 ¹	1.1	55.6 ³	0.3 ³	49.4	0.3	51.8	0.2	91.0	0.1	57.3 ³	0.2 ³	NA	NA	NA
Fri 6/11/10	60.3	0.6	39.8	0.2	37.3	0.6	43.6	0.3	57.9	0.4	40.3	0.2	19.6	0.1	NA	NA	NA	NA	NA
Sat 6/12/10	72.2	0.9	30.6	0.2	ND ²	1.4	35.2	0.3	38.1	0.5	43.2	0.2	NA	NA	NA	NA	NA	NA	NA
Sun 6/13/10	61.5	0.6	46.4	0.2	ND ²	1.6	52.2	0.3	53.1	0.6	50.5	0.4	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 FAM1 6/9 @ 9:34PM - 6/10/10 @ 12:48AM and FAM3 6/9 @ 10:20PM – 6/10/10 @ 09:33AM PM₁₀ data invalid due to inlet head became saturated from storm.

² FAM3 6/11 @ 8:18PM – 6/13/10 @ end of the day PM₁₀ invalid due to a instrument malfunction. Instrument replaced on 6/14/10.

³ FAM4 6/9 @ 7:31AM – 6/10/10 @ 3:07PM unit not operating due to work in the area of the unit. PAM2 collected data in place of FAM4.

⁴ FAM5 6/7 @ 12:00AM – 7:38AM and 6/8 @ 3:18PM – 6/9/10 @ 7:47AM data invalid due to intermittent power loss to PID and DustTrak units.

⁵ PAM1 6/8/10 for the entire day had no power to the data logger.

⁶ PAM1 TVOC 6/9/10 for entire day PID instrument very erratic. Unit was replaced on 6/10/10.