

Community Air Monitoring Program
3/8/10 through 3/14/10

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 3/8/10 through 3/14/10 there were six Fixed and one Portable Air Monitoring locations measuring TVOC and PM₁₀. **Fifteen-minute averages for PM₁₀ and TVOC data remained in the Operational Condition.**

There were no elevated TVOC or PM₁₀ concentrations during the monitoring period.

Weekly Data Summary Report
National Grid – Rockaway Park Former MGP Site – Rockaway Park, NY
Reporting Period (Monday – Sunday): Start Date: 3/8/10 End Date: 3/14/10

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	Naphthalene	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 3/8/10	53.3	0.1	45.9	0.2	49.0	0.5	65.3	0.1	47.2	0.5	36.9	0.3	50.1	0.1	NA	NA	NA	NA	NA
Tue 3/9/10	46.1	0.1	30.2	0.2	40.7	0.5	50.4	0.2	33.1	0.6	32.1	0.1	39.8	0.1	NA	NA	NA	NA	NA
Wed 3/10/10	36.5	1.2	38.8	0.1	49.7	0.2	26.6	0.2	42.4	0.6	36.0	0.1	60.3	0.4	NA	NA	NA	NA	NA
Thu 3/11/10	35.4	1.0	46.5	0.1	53.8	0.2	26.9	0.2	52.4	1.0	30.3	0.3	55.2	0.7	NA	NA	NA	NA	NA
Fri 3/12/10	24.9	0.1	44.4 ¹	0.1	38.3 ¹	0.4	19.8	0.5	22.2	0.1	50.3	0.2	ND ³	ND ³	NA	NA	NA	NA	NA
Sat 3/13/10	8.6 ¹	0.1	ND ¹	0.1	ND ^{1,2}	0.1 ²	11.6	0.2	30.2 ²	0.1 ^{1,2}	42.8 ¹	0.3 ¹	NA	NA	NA	NA	NA	NA	NA
Sun 3/14/10	ND ¹	0.1	44.0 ¹	0.1	ND ²	ND ²	12.4	0.2	ND ²	ND ²	ND ^{1,2}	ND ^{1,2}	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 Inclement weather (strong wind and heavy rain) caused the sample inlets to become saturated. Data found to be invalid for the following periods:

- FAM1 PM₁₀ invalid between 3/13 @ 3:02PM and 3/14 @ 11:59PM;
- FAM2 PM₁₀ invalid between 3/12 @ 7:52PM and 3/14 @ 5:14AM;
- FAM3 PM₁₀ invalid between 3/12 @ 2:19PM and 3/13 @ 2:48AM;
- FAM5 TVOC invalid between 3/13 @ 11:21AM and 3/13 @ 4:48PM; and
- FAM6 PM₁₀ and TVOC invalid between 3/13 @ 8:36PM and 3/14 @ 3:10AM.

² Inclement weather (strong wind and heavy rain) caused onsite power outages resulting in the following periods of missing data:

- FAM3 missing data between 3/13 @ 2:49AM and 3/14 @ 11:59PM;
- FAM5 missing data between 3/13 @ 4:59PM and 3/14 @ 11:59PM; and
- FAM6 missing data between 3/14 @ 3:11AM and 3/14 @ 11:59PM.

³ PAM1 had no data because of a battery failure.