

Community Air Monitoring Program  
12/6/10 through 12/12/10

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 (PM<sub>10</sub>), 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 12/6/10 through 12/12/10 there were six Fixed and one Portable Air Monitoring locations measuring TVOC and PM<sub>10</sub>. **Fifteen-minute averages for PM<sub>10</sub> and TVOC data remained in the Operational Condition**

There were no elevated TVOC or PM<sub>10</sub> 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: 12/6/10 End Date: 12/12/10**

Date	FAM 1		FAM 2		FAM 3		FAM 4		FAM 5		FAM 6		PAM 1		PAM 2		HCN	Odor	
	PM <sub>10</sub> (µg/m <sup>3</sup> )	TVOC (ppm)	PM <sub>10</sub> (µg/m <sup>3</sup> )	TVOC (ppm)	PM <sub>10</sub> (µg/m <sup>3</sup> )	TVOC (ppm)	PM <sub>10</sub> (µg/m <sup>3</sup> )	TVOC (ppm)	PM <sub>10</sub> (µg/m <sup>3</sup> )	TVOC (ppm)	PM <sub>10</sub> (µg/m <sup>3</sup> )	TVOC (ppm)	PM <sub>10</sub> (µg/m <sup>3</sup> )	TVOC (ppm)	PM <sub>10</sub> (µg/m <sup>3</sup> )	TVOC (ppm)	HCN (ppm)	Naphth alene (µg/m <sup>3</sup> )	Intensity (0-8)
Maximum 15-minute Averages (Action Limits: PM <sub>10</sub> = 150 µg/m <sup>3</sup> / TVOC = 5 ppm / Naphthalene = 440 µg/m <sup>3</sup> / Odor Intensity = 3 / HCN = 1 ppm)																			
Mon 12/6/10	9.9	0.2	18.6	0.1	21.1	0.1	11.4	0.1	16.0	0.1	10.5	0.2	11.0	0.0	NA	NA	NA	NA	NA
Tue 12/7/10	12.6	0.2	19.7	0.1	20.4	0.1	11.0	0.1	12.4	0.1	10.8	0.1	ND <sup>3</sup>	ND <sup>3</sup>	NA	NA	NA	NA	NA
Wed 12/8/10	11.0	0.1	18.7	0.1	20.8	0.1	11.8	0.1	11.8	0.1	14.4	0.1	ND <sup>3</sup>	ND <sup>3</sup>	NA	NA	NA	NA	NA
Thu 12/9/10	12.4	0.2	23.8	0.1	25.5	0.1	16.6	0.1	16.0	0.1	31.6	0.1	13.0	0.1	NA	NA	NA	NA	NA
Fri 12/10/10	26.7	0.2	29.4	0.1	33.0	0.1	26.6	0.1	22.5	0.1	28.7	0.2	28.1	0.1	NA	NA	NA	NA	NA
Sat 12/11/10	73.9	0.3	83.1	0.1	75.4	0.1	64.8	0.1	65.2	0.1	61.4	0.3	NA	NA	NA	NA	NA	NA	NA
Sun 12/12/10	70.1 <sup>1</sup>	0.2	53.1 <sup>1,2</sup>	0.1	75.7 <sup>1</sup>	0.1	62.6	0.1	63.5	0.2	104.3 <sup>1</sup>	0.7	NA	NA	NA	NA	NA	NA	NA

PM<sub>10</sub> = Respirable Particulate Matter (dust)

TVOC = Total Volatile Organic Compound

ppm = Parts per million (by volume)

µg/m<sup>3</sup> = Micrograms per cubic meter

All reported PM<sub>10</sub>, TVOC, and odor intensity values represent 15-minute averages.

ND No Data

NA Not Applicable

<sup>1</sup> PM<sub>10</sub> data invalid because water saturated sample inlet during heavy rain for the following times and locations:

FAM1 12/12/10 @ 8:34AM – 12:22PM;

FAM2 12/12/10 @ 7:51AM – 7:56PM; and

FAM6 12/12/10 @ 7:50AM – 1:18PM.

<sup>2</sup> FAM2 12/12/10 @ 7:57PM – 11:59PM data missing due to power outage (Breaker Tripped).

<sup>3</sup> PAM1 12/7 and 12/8/10 missing due to battery failure in the data logger.