

Community Air Monitoring Program  
3/15/10 through 3/21/10

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 3/15/10 through 3/21/10 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: 3/15/10 End Date: 3/21/10**

Date	FAM 1		FAM 2		FAM 3		FAM 4		FAM 5		FAM 6		PAM 1		PAM 2		HCN	Odor	
	PM <sub>10</sub>	TVOC	PM <sub>10</sub>	TVOC	PM <sub>10</sub>	TVOC	PM <sub>10</sub>	TVOC	PM <sub>10</sub>	TVOC	PM <sub>10</sub>	TVOC	PM <sub>10</sub>	TVOC	PM <sub>10</sub>	TVOC	HCN	Naphthalene	Intensity
	(µg/m <sup>3</sup> )	(ppm)	(µg/m <sup>3</sup> )	(ppm)	(µg/m <sup>3</sup> )	(ppm)	(µg/m <sup>3</sup> )	(ppm)	(µg/m <sup>3</sup> )	(ppm)	(µg/m <sup>3</sup> )	(ppm)	(µg/m <sup>3</sup> )	(ppm)	(µg/m <sup>3</sup> )	(ppm)	(ppm)	(µg/m <sup>3</sup> )	(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 3/15/10	62.1 <sup>1</sup>	0.5	32.7	0.1	25.6 <sup>2</sup>	0.2 <sup>2</sup>	30.2	0.2	15.6 <sup>2</sup>	0.1 <sup>2</sup>	40.4 <sup>2</sup>	0.2 <sup>2</sup>	NA	NA	ND <sup>4</sup>	ND <sup>4</sup>	NA	NA	NA
Tue 3/16/10	67.7	0.4	43.1	0.1	66.1	0.3	42.6	0.2	55.6	0.3	88.8 <sup>3</sup>	0.2	NA	NA	34.1	0.1	NA	NA	NA
Wed 3/17/10	108.2	0.4	69.9	0.3	84.8	0.8	63.4	0.1	94.7	0.4	149.2	0.4	NA	NA	53.9 <sup>3</sup>	0.1	NA	NA	NA
Thu 3/18/10	46.9	0.1	48.6	0.1	25.1	0.2	31.0	0.1	48.6	0.4	79.2	0.2	NA	NA	16.2	0.1	NA	NA	NA
Fri 3/19/10	49.3	2.5	43.2	0.1	23.5	1.1	56.5	0.3	93.9	0.4	81.4	0.3	NA	NA	16.2	0.1	NA	NA	NA
Sat 3/20/10	43.6	0.5	39.4	0.4	17.2	0.2	44.9	0.1	51.7	0.3	38.9	0.1	NA	NA	NA	NA	NA	NA	NA
Sun 3/21/10	54.5	0.1	47.1	0.1	25.0	0.5	50.5	0.1	48.7	0.2	62.0	0.2	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> Inclement weather (strong wind and heavy rain) caused the sample inlet to become saturated. Data found to be invalid for the following period:

•FAM1 PM<sub>10</sub> invalid between 3/15 @ 12:00AM and 2:47PM;

<sup>2</sup> Units affected by storm, units repaired and calibrated. The following periods of data were invalid:

FAM3 TVOC 3/15/10 @ 12:00AM – 8:02AM and PM<sub>10</sub> 12:00AM – 10:31AM

FAM5 TVOC 3/15/10 @ 12:00AM – 12:03PM and PM<sub>10</sub> 12:00AM – 10:52AM

FAM6 TVOC 3/15/10 @ 12:00AM – 10:56AM and PM<sub>10</sub> 12:00AM – 10:56AM

<sup>3</sup> Data invalid due to equipment maintenance for the following equipment and times:

FAM6 PM<sub>10</sub> 3/16/10 @ 7:28AM – 8:41AM

PAM2 PM<sub>10</sub> 3/17/10 @ 9:57AM – 11:46AM

<sup>4</sup> PAM2 had no data because of equipment startup and calibration to replace PAM1 unit damaged by storm.