

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 09/26/11 through 10/02/11 there were six Fixed Air Monitoring locations and one Portable location measuring TVOC and PM<sub>10</sub>. **Fifteen-minute averages for PM<sub>10</sub> and TVOC data remained in the Operational Condition.**

On Wednesday, September 28, 2011 there was a period of elevated PM<sub>10</sub> concentrations at FAM 1. The elevated concentrations measured onsite were caused by paving equipment in the area of FAM 1. Background did not reduce all of the elevated PM<sub>10</sub> concentrations below the Action Limit. However, the site remained in the operational condition; because the event was not caused by ground intrusive activities (see Table 2).

**Weekly Data Summary Report**  
**National Grid – Rockaway Park Former MGP Site – Rockaway Park, NY**  
**Reporting Period (Monday – Sunday): Start Date: 09/26/11 End Date: 10/02/11**

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)	Naphthalene (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 09/26/11	76.1	0.1	72.8	0.1	91.7	0.2	109.9	0.1	78.0	0.1	81.5	0.1	97.7 <sup>1</sup>	0.1 <sup>1</sup>	NA	NA	NA	NA	NA
Tue 09/27/11	146.6	0.9	32.2	0.2	35.7	0.9	60.3	0.1	32.8	0.1	34.4	0.1	95.2	1.0	NA	NA	NA	NA	NA
Wed 09/28/11	225.8	0.1	36.1	0.1	31.1	0.1	81.2	0.1	26.6	0.1	28.2	0.1	82.4	0.4	NA	NA	NA	NA	NA
Thu 09/29/11	26.0	0.1	107.6	0.1	27.9	0.1	52.1	0.6	25.5	0.1	30.2	0.1	59.5	0.2	NA	NA	NA	NA	NA
Fri 09/30/11	48.7	0.1	56.9	0.7	136.9	0.3	57.6	0.1	30.4	0.1	32.1	0.1	88.9	0.9	NA	NA	NA	NA	NA
Sat 10/01/11	8.5	0.2	18.2	0.1	27.9	0.1	29.8	0.1	26.3	0.1	28.8	0.1	NA	NA	NA	NA	NA	NA	NA
Sun 10/02/11	1.1	0.2	0.1	0.1	14.3	0.1	12.4	0.1	12.3	0.1	12.6	0.1	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> PAM 1 PM<sub>10</sub> data invalid 9/26/11 @ startup (7:16AM) – 9:13AM and TVOC data invalid @ 7:16AM – 8:36AM due to an instrument malfunction.

**Weekly Elevated Concentration above the Action Limit Summary Report**  
**National Grid – Rockaway Park Former MGP Site – Rockaway Park, NY**  
**Reporting Period (Monday – Sunday): Start Date: 09/26/11 End Date: 10/02/11**

<b>Summary of Elevated Concentrations</b>															
Parameter	Date	Station	Start Time	End Time	Duration (Mins)	Action Limit	Approx. Start Dir* and speed	Approx. End Dir* and speed	Location of background conc.	Elevated Conc. Max	Background Conc. **	Max Conc. – Background Conc.**	Site Condition	Site Activity During the Period (if applicable)	Actions Taken
<b>Elevated Concentrations Above the Action Limit</b>															
<b>PM<sub>10</sub></b>	Wed 09/28/11	FAM 1	10:59AM	11:13AM	15	150	SE 11.2 mph	SE 9.6 mph	FAM 4	225.8	54.5	171.3	Operational <sup>1</sup>	Elevated concentrations were due to paving equipment near unit.	On-site staff was notified and the site remained in Operational Condition because event was not due to ground intrusive activity.

\* Wind Directions are presented by octant (i.e. N, NE, E, SE, S, SW, W, NW)

\*\* Background concentrations are equal to the upwind concentrations unless winds are determined to be variable.

FAM – Real-time fixed air monitoring station

PAM – Real-time portable air monitoring station

NA – Not applicable

ND – No data available

VAR – Variable winds

PM<sub>10</sub> – Particulate matter (reported in µg/m<sup>3</sup>)

TVOC – Total volatile organic compound (reported in ppm)

<sup>1</sup> In accordance with DER-10 this type of event is not considered to be an exceedance because the elevated concentrations did not exceed the Action Limit.