

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 03/26/12 through 04/01/12 there were six Fixed 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 except for a short period of TVOC’s on Friday, March 30, 2012 when TVOC concentrations at FAM 1 were measured above the Response Limit as described in the following paragraph.**

On Friday, March 30, 2012, AECOM measured a Response Limit (5.0 PPM) Exceedance for TVOC at Fixed Air Monitoring Site 1 (FAM 1) between 1:06 PM and 1:14 PM. The elevated TVOC concentrations were due to site activities associated with the Jet Grouting operations near FAM 1 (see the next page). The on-site staff was notified and work was halted until the problem was remedied by ventilating the work zone. Concentrations of TVOC quickly dropped after the work stoppage. The site was returned to an Operational Condition. The TVOC concentrations during this period did not exceed the Action Limit (25.0 PPM) established by the NYSDEC and NYDOH. National Grid selected a more conservative value (5.0 PPM) for the Site Specific Response Limit for TVOC’s at the Rockaway site so as to provide enhanced protection to potential local receptors.

**Weekly Data Summary Report**  
**National Grid – Rockaway Park Former MGP Site – Rockaway Park, NY**  
**Reporting Period (Monday – Sunday): Start Date: 03/26/12 End Date: 04/01/12**

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	Naphth alene	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 03/26/12	28.1	0.4	32.3	0.1	40.3	0.9	30.9	0.0	35.6	0.0	32.3	0.0	NA	NA	NA	NA	NA	NA	NA
Tue 03/27/12	18.2	0.5	11.2	0.2	13.3	0.5	41.6	0.0	32.7	0.0	12.8	0.0	NA	NA	NA	NA	NA	NA	NA
Wed 03/28/12	29.5	0.2	44.8	0.2	35.9	0.1	23.5	0.0	30.7	0.1	26.2	0.0	NA	NA	NA	NA	NA	NA	NA
Thu 03/29/12	25.3	4.3	27.4	0.1	32.2	0.8	21.3	0.0	28.5	0.1	25.3	0.0	NA	NA	NA	NA	NA	NA	NA
Fri 03/30/12	27.7	5.8	31.1	0.2	44.1	0.1	27.9	0.0	31.2	0.2	14.9	0.0	NA	NA	NA	NA	NA	NA	NA
Sat 03/31/12	19.6	2.8	22.9	0.2	27.5	0.1	19.2	0.0	23.8	0.3	21.3	0.0	NA	NA	NA	NA	NA	NA	NA
Sun 04/01/12	40.4	0.6	44.3	0.5	53.2	0.1	38.5	0.0	48.6	0.5	43.3	0.0	NA	NA	NA	NA	NA	NA	NA

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

TVOC = Total Volatile Organic Compounds

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

**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: 03/26/11 End Date: 04/01/12**

<i>Summary of Elevated Concentrations</i>															
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
<i>Elevated Concentrations Above the Action Limit</i>															
<b>TVOC</b>	Fri. 03/30/12	FAM 1	1:06PM	1:14PM	9	5.0	W 7.0 mph	SW 10.1 mph	FAM 6	5.8	0.0	5.8	Action Condition <sup>1</sup>	Elevated concentrations were caused by jet grouting activities in the area of FAM 1.	Work was halted until the problem was remedied by ventilating the work zone. TVOC concentrations quickly dropped and the site was returned to the Operational Condition.

\* 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 considered to be an exceedance because the elevated concentrations did exceed the NYSDEC lower Action Limit (Response Limit) of 5.0PPM.