

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 06/11/12 through 06/17/12 there were six Fixed Air Monitoring locations measuring PM<sub>10</sub>. **Fifteen-minute averages for PM<sub>10</sub> data remained in the Operational Condition**

On Friday, June 15, 2012 there was a period of elevated PM<sub>10</sub> concentrations at FAM 1. The elevated concentrations measured onsite were caused by a concrete pad being broken up in the very near vicinity of the FAM 1 unit (east of unit). Dust suppression was in use at the time of the event, however, background did not reduce all of the elevated PM<sub>10</sub> concentrations below the Action Limit. The site remained in the operational condition; since 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: 06/11/12 End Date: 06/17/12**

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 06/11/12	32.7	ND <sup>1</sup>	51.5	ND <sup>1</sup>	30.6	ND <sup>1</sup>	22.2	ND <sup>1</sup>	26.4	ND <sup>1</sup>	32.0	ND <sup>1</sup>	NA	NA	NA	NA	NA	NA	NA
Tue 06/12/12	97.3	ND <sup>1</sup>	20.2 <sup>2</sup>	ND <sup>1</sup>	24.6 <sup>2</sup>	ND <sup>1</sup>	3.5	ND <sup>1</sup>	7.7	ND <sup>1</sup>	19.6	ND <sup>1</sup>	NA	NA	NA	NA	NA	NA	NA
Wed 06/13/12	24.7 <sup>2</sup>	ND <sup>1</sup>	29.9 <sup>2</sup>	ND <sup>1</sup>	69.5 <sup>2</sup>	ND <sup>1</sup>	18.6	ND <sup>1</sup>	16.2	ND <sup>1</sup>	19.7	ND <sup>1</sup>	NA	NA	NA	NA	NA	NA	NA
Thu 06/14/12	99.1	ND <sup>1</sup>	46.6 <sup>3</sup>	ND <sup>1</sup>	61.8	ND <sup>1</sup>	24.0	ND <sup>1</sup>	27.7	ND <sup>1</sup>	33.7	ND <sup>1</sup>	NA	NA	NA	NA	NA	NA	NA
Fri 06/15/12	440.0	ND <sup>1</sup>	29.8	ND <sup>1</sup>	76.6 <sup>3</sup>	ND <sup>1</sup>	53.5	ND <sup>1</sup>	83.3	ND <sup>1</sup>	30.8	ND <sup>1</sup>	NA	NA	NA	NA	NA	NA	NA
Sat 06/16/12	20.8	ND <sup>1</sup>	16.3	ND <sup>1</sup>	ND <sup>3</sup>	ND <sup>1</sup>	20.4	ND <sup>1</sup>	16.3	ND <sup>1</sup>	19.5	ND <sup>1</sup>	NA	NA	NA	NA	NA	NA	NA
Sun 06/17/12	19.8	ND <sup>1</sup>	17.2	ND <sup>1</sup>	ND <sup>3</sup>	ND <sup>1</sup>	21.6	ND <sup>1</sup>	20.1	ND <sup>1</sup>	23.0	ND <sup>1</sup>	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

<sup>1</sup> TVOC sampling concluded Sunday, June 3, 2012 through the end of the program.

<sup>2</sup> The following PM<sub>10</sub> FAM units had invalid data due to the inlet heads becoming saturated from heavy rain for the following periods:

FAM 1 6/13/12 @ 1:48AM – 7:44AM,

FAM 2 6/12/12 @ 11:53PM – 6/13/12 @ 7:32AM, and

FAM 3 6/12/12 @ 11:16PM – 6/13/12 @ 10:06AM.

<sup>3</sup> FAM 2 6/14/12 @ 4:34AM – 11:39AM and FAM 3 6/15 @ 5:20PM – 6/17/12 @ 11:59PM Analyzer malfunctioned.

**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: 06/11/12 End Date: 06/17/12**

<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>PM<sub>10</sub></b>	Fri 06/15/12	FAM 1	11:04AM	11:15AM	12	150	ENE 9.5 mph	ENE 9.3 mph	FAM 2	440.0	17.6	422.4	Operational <sup>1</sup>	Elevated concentrations were due to concrete being broken in very close proximity to FAM 1 unit.	On-site staff were notified and the site remained in Operational Condition because the 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)