Community Air Monitoring Program
12/08/08 through 12/12/08

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_{10}), 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 12/08/08 through 12/12/08 there were six Portable Air Monitoring locations measuring TVOC and PM_{10}. **Fifteen-minute averages for TVOC and PM10 data remained in Operational Condition**.

On Tuesday, December 9, there were elevated concentrations of dust for 22 minutes at PAM3. The elevated concentrations were caused by exhaust from vehicles idling in the area of PAM3. This dust was not associated with intrusive activities; therefore, the site remained in the operational condition.

The elevated concentrations are shown in the following two tables.

Weekly Data Summary Report

National Grid – Rockaway Park Former MGP Site – Rockaway Park, NY

Reporting Period (Monday – Friday): Start Date: 12/08/08 End Date: 12/12/08

	PAM 1		PAM 2		PAM 3		PAM 4		PAM 5		PAM 6		Odor	
Date	PM_{10} ($\mu g/m^3$)	TVOC (ppm)	PM_{10} ($\mu g/m^3$)	TVOC (ppm)	PM_{10} ($\mu g/m^3$)	TVOC (ppm)	PM_{10} ($\mu g/m^3$)	TVOC (ppm)	PM_{10} ($\mu g/m^3$)	TVOC (ppm)	PM_{10} ($\mu g/m^3$)	TVOC (ppm)	Naphthalene ($\mu g/m^3$)	Intensity (0-8)
Maximum 15-minute Averages (Action Limits: PM_{10} = 150 $\mu g/m^3$ / TVOC = 5 ppm / Naphthalene = 440 $\mu g/m^3$ / Odor Intensity = 3)														
Mon 12/08/08	47.9	0.3	32.1	0.3	31.1	1.0	30.2	0.1	21.0	0.1	19.6	0.1	NA	NA
Tue 12/09/08	26.2	0.5	30.0	0.5	232.5[1]	0.6	25.4	0.2	21.0	0.1	29.3	0.2	NA	NA
Wed 12/10/08	68.1	0.2	60.4	0.2	69.2	0.1	67.6	0.1	59.8	0.1	51.9	0.2	NA	NA
Thu 12/11/08	21.7	0.1	27.3	0.2	32.7	0.1	25.8	0.2	23.8	0.1	24.1	0.2	NA	NA
Fri 12/12/08	38.9	0.2	21.8	0.3	30.9	0.7	20.8	0.2	18.9	1.0	18.6	0.6	NA	NA

PM_{10} = Respirable Particulate Matter (dust)
TVOC = Total Volatile Organic Compound
ppm = Parts per million (by volume)
$\mu g/m^3$ Micrograms per cubic meter

All reported PM_{10}, TVOC, and odor intensity values represent 15-minute averages.
Odor Intensity is measured 0-8 on the n-butanol scale.

FAM # Fixed Air Monitoring Station
PAM # Portable Air Monitoring Station

[1] Highlighted values indicate dates and locations that require further comparison to action limits based on wind direction, offsite and onsite activities (see next table 2).

ND No Data
NA Not Applicable

National Grid – Rockaway Park Former MGP Site – Rockaway Park, NY
Reporting Period (Monday –Friday): Start Date: 12/08/08 End Date: 12/12/08

Summary of Elevated Concentrations

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
PM_{10}	Tue. 12/09/08	PAM3	11:19	11:40	22	150	WSW ~10MPH	SW ~10MPH	PAM5	232.5	19.1	213.4	Operational	Electrician's vehicles Idling in vicinity of PAM3[1]	Contacted the site CM . Vehicles were shut off and the concentrations declined back to normal.

* 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
PM10 – Particulate matter (reported in **µg/m³**)
TVOC – Total volatile organic compound (reported in ppm)

[1] In accordance with DER-10 this type of event is not considered to be an exceedance because the activity was not associated with site intrusive activities.