Community Air Monitoring Program
01/30/12 through 02/05/12

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 01/30/12 through 02/05/12 there were six Fixed Air Monitoring locations measuring TVOC and PM_{10}. **Fifteen-minute averages for PM_{10} and TVOC data remained in the Operational Condition.**

On Friday, February 3, 2012 there was a period of elevated PM_{10} concentrations at FAM 6. The elevated concentrations measured onsite were caused by an off-site unknown source blowing downwind in the direction of FAM 6. Background did not reduce all of the elevated PM_{10} concentrations below the Action Limit. However, the site remained in the operational condition; the event was caused by an off-site source (see the next page).

Weekly Data Summary Report

National Grid – Rockaway Park Former MGP Site – Rockaway Park, NY
Reporting Period (Monday – Sunday): Start Date: 01/30/12 End Date: 02/05/12

	FAM 1		FAM 2		FAM 3		FAM 4		FAM 5		FAM 6		PAM 1		PAM 2		HCN	Odor	
	PM_{10}	TVOC	PM_{10}	TVOC	PM_{10}	TVOC	PM_{10}	TVOC	PM_{10}	TVOC	PM_{10}	TVOC	PM_{10}	TVOC	PM_{10}	TVOC	HCN	Naphthalene	Intensity
Date	($\mu g/m^3$)	(ppm)	($\mu g/m^3$)	(ppm)	($\mu g/m^3$)	(ppm)	($\mu g/m^3$)	(ppm)	($\mu g/m^3$)	(ppm)	($\mu g/m^3$)	(ppm)	($\mu g/m^3$)	(ppm)	($\mu g/m^3$)	(ppm)	(ppm)	($\mu g/m^3$)	(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 / HCN = 1 ppm)																			
Mon 01/30/12	14.4	0.2	18.4	0.2	26.9	0.1	28.0	0.1	20.5	0.1	16.9	0.1	NA	NA	NA	NA	NA	NA	NA
Tue 01/31/12	21.2[1]	0.1[1]	39.0	0.8	30.5	0.2	22.9	0.3	30.7	0.1	28.7	0.1	NA	NA	NA	NA	NA	NA	NA
Wed 02/01/12	25.3	0.4	94.5	1.1	43.5	0.2	24.5	0.1	35.6	0.1	34.0	0.1	NA	NA	NA	NA	NA	NA	NA
Thu 02/02/12	29.1	0.5	36.2	0.1	26.7	0.2	57.0	0.3	52.1	0.1	41.1	0.1	NA	NA	NA	NA	NA	NA	NA
Fri 02/03/12	15.1	1.1	17.9	0.3	21.3	0.1	65.2	0.1	45.6	0.1	304.3	0.1	NA	NA	NA	NA	NA	NA	NA
Sat 02/04/12	19.8	0.4	23.2	0.3	12.3	0.1	21.4	0.1	90.3	0.1	52.0	0.1	NA	NA	NA	NA	NA	NA	NA
Sun 02/05/12	11.2	0.4	15.2	0.3	13.0	0.1	11.3	0.1	15.7	0.1	14.4	0.1	NA	NA	NA	NA	NA	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.
ND = No Data
NA = Not Applicable

[1] FAM 1 PM_{10} and TVOC data missing 1/31/12 @ 1:59AM – 7:17AM due to instrument power loss.

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: 01/30/12 End Date: 02/05/12

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
Elevated Concentrations Above the Action Limit															
PM_{10}	Fri. 02/03/12	FAM 6	3:05PM	3:19PM	15	150	NNW 7.5 mph	NNW 8.8 mph	FAM 3	304.3	6.5	297.8	Operational[1]	Elevated concentrations were due to an unknown off-site source blowing downwind toward FAM6.	On-site staff was notified and the site remained in Operational Condition because event was not due to on-site 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_{10} – Particulate matter (reported in $\mu g/m^3$)

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 elevated concentrations were caused by an off-site source.