

Community Air Monitoring Program
February 23, 2009 through March 1, 2009

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 (PM₁₀), 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 February 23, 2009 through March 1, 2009 there were six Fixed Air Monitoring (FAM) locations measuring Total Volatile Organic Compounds (TVOC) and Particulate Matter (PM₁₀). **Fifteen-minute averages for odor intensity, naphthalene, TVOC, and PM₁₀ data remained in Operational Condition.**

The maximum concentrations are shown on the following table.

Weekly Data Summary Report
National Grid – Sag Harbor Former MGP Site – Sag Harbor, NY
Reporting Period (Monday – Sunday): Start Date: 2/23/09 End Date: 3/1/09

Date	FAM 1		FAM 2		FAM 3		FAM 4		FAM 5		FAM 6		PAM 1		PAM 2		PAM 3		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	PM ₁₀	TVOC	Naphthalene	Intensity
	(µg/m ³)	(ppm)	(µg/m ³)	(ppm)	(µg/m ³)	(ppm)	(µg/m ³)	(ppm)	(µg/m ³)	(ppm)	(µg/m ³)	(ppm)	(µg/m ³)	(ppm)	(µg/m ³)	(ppm)	(µg/m ³)	(ppm)	(µg/m ³)	(0-8)
Maximum 15-minute Averages (Action Limits: PM ₁₀ = 150 µg/m ³ / TVOC = 5 ppm / Naphthalene = 440 µg/m ³ / Odor Intensity = 3)																				
Mon 2/23/09	7.5	0.1	29.6	0.1	30.1 ¹	0.6 ¹	18.9	0.1	43.3	0.1	20.1	0.1	NA	NA	NA	NA	NA	NA	0.0	1
Tue 2/24/09	5.7	0.1	51.7	0.1	29.9	0.1	10.8	0.1	35.5	0.1	35.0	0.1	NA	NA	NA	NA	NA	NA	0.0	1
Wed 2/25/09	27.1	0.1	52.0	0.1	59.5	0.2	23.7	0.1	30.1	0.1	30.5	0.1	NA	NA	NA	NA	NA	NA	0.0	1
Thu 2/26/09	60.7	0.1	48.3	0.1	36.0	0.3	23.3	0.1	53.3	0.1	64.2	0.1	NA	NA	NA	NA	NA	NA	0.0	1
Fri 2/27/09	54.5	0.1	35.4	0.1	24.1	0.1	19.5	0.1	28.4	0.1	16.3	0.1	NA	NA	NA	NA	NA	NA	0.0	1
Sat 2/28/09	27.0	0.1	24.2	0.1	22.4	0.1	25.3	0.1	37.2	0.1	21.4	0.1	NA	NA	NA	NA	NA	NA	NA	2
Sun 3/1/09	7.4	0.1	19.8	0.1	11.6	0.1	9.0 ¹	0.1 ¹	20.6	0.1	13.2	0.1	NA	NA	NA	NA	NA	NA	NA	NA

PM₁₀ = Respirable Particulate Matter (dust)

TVOC = Total Volatile Organic Compound

ppm = Parts per million (by volume)

µg/m³ = Micrograms per cubic meter

¹ Data collection interrupted because heavy rain tripped the circuit breaker.

All reported PM₁₀, 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

ND No Data

NA Not Applicable