

Community Air Monitoring Program
December 15, 2008 through December 21, 2008

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 either Dust, Total VOCs, Naphthalene or Odor Intensity exceed the background or upwind measurement by the “Action Limits” in the table below. During the period from December 15, 2008 through December 21, 2008 there were six Fixed Air Monitoring (FAM) locations and one Portable Air Monitoring 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: 12/15/08 End Date: 12/21/08

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 12/15/08	25.8	0.1	57.7	0.2	124.6	0.1	20.7	0.1	29.6	0.2	21.8	0.1	NA	NA	NA	NA	NA	NA	0.0	0
Tue 12/16/08	18.2	0.1	23.6	0.2	24.2	0.1	17.2	0.1	27.3	0.1	20.4 ¹	0.1 ¹	17.8	0.1	NA	NA	NA	NA	0.0	0
Wed 12/17/08	54.3	0.1	29.0	0.1	28.3	0.2	32.0	0.1	30.9	0.1	29.6 ¹	0.2 ¹	27.1	0.1	NA	NA	NA	NA	0.0	0
Thu 12/18/08	35.9	0.2	37.9	0.2	32.9	0.2	31.5	0.3	43.1	0.4	36.7	0.2	NA	NA	NA	NA	NA	NA	0.0	1
Fri 12/19/08	80.2	0.1	37.5	0.2	31.3	0.1	30.0	0.1	39.8	0.1	68.0	0.1	NA	NA	NA	NA	NA	NA	0.0	1
Sat 12/20/08	17.2	0.1	16.3	0.1	10.8	0.1	15.7	0.1	13.7	0.1	11.8	0.1	NA	NA	NA	NA	NA	NA	NA	NA
Sun 12/21/08	24.4	0.1	14.2	0.1	14.7	0.1	15.6	0.1	13.4	0.1	12.5	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 Limited data collection at FAM6 because the AM unit was powered off to allow the contractor to bury a WWT pipe. Therefore PAM1 was placed next to FAM6 outside the fenceline.

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