

Community Air Monitoring Program
May18, 2009 through May 22, 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 between May 18, 2009 and May 22, 2009 there were three Portable Air Monitoring (PAM) locations measuring TVOC and PM₁₀ during normal work hours. The completion of ground intrusive or impacted soil activities at the Sag Harbor remediation site prompted the site activities to transition into the demobilization phase. At the beginning of the demobilization phase air monitoring for TVOC and PM₁₀ was reduced from six FAM locations to three PAM locations. The Air Monitoring activities for the demobilization phase were completed on May 22, 2009. **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 – Friday): Start Date: 5/18/09 End Date: 5/22/09

Date	PAM 1		PAM 2		PAM 3		Odor	
	PM ₁₀ (µg/m ³)	TVOC (ppm)	PM ₁₀ (µg/m ³)	TVOC (ppm)	PM ₁₀ (µg/m ³)	TVOC (ppm)	Naphthalene (µg/m ³)	Intensity (0-8)
Maximum 15-minute Averages (Action Limits: PM₁₀ = 150 µg/m³ / TVOC = 5 ppm / Naphthalene = 440 µg/m³ / Odor Intensity = 3)								
Mon 5/18/09	20.5	0.2	ND	ND	30.6	0.1	NA	0
Tue 5/19/09	51.1	0.6	ND	ND	41.3	0.1	NA	0
Wed 5/20/09	60.0	0.1	ND	ND	60.8	0.1	NA	0
Thu 5/21/09	30.3	0.1	33.0	0.0	129.4	0.1	NA	0
Fri 5/22/09	34.2	0.1	37.1	0.1	77.3	0.1	NA	0

PM₁₀ = Respirable Particulate Matter (dust)

TVOC = Total Volatile Organic Compound

ppm = Parts per million (by volume)

µg/m³ = Micrograms per cubic meter

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