

Weekly Community Air Monitoring Program Update

Location: National Grid – Former Rockaway Park MGP Site, Bulkhead Area

Period: October 26 through November 1, 2015

CAMP 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 “Alert, Response and Action Limits”, and means that normal operations can continue. The “Action Condition” occurs when one or more of the fifteen minute average measurements for Dust (PM₁₀), Total Volatile Organic Compounds (TVOC) or Odor Intensity are greater than the background or upwind measurement by the specified “Action Limits.” Reaching an Action Level requires corrective action or stopping work until the condition is addressed or abates. During the period from October 26, 2015 through November 1, 2015, four portable CAMP stations were in-use and measured TVOC and PM₁₀. **Fifteen-minute averages for TVOC and PM₁₀ data remained below the Action Limit.**

Weekly Real-Time Maximum PM₁₀ and TVOC and Periodic Hand-Held PM₁₀, TVOC and Odor Concentration Summary

	PAM-1		PAM-2		PAM-3		PAM-4		Hand-Held		
	PM ₁₀ μg/m ³	TVOC ppm	PM ₁₀ μg/m ³	TVOC ppm	PM ₁₀ μg/m ³	TVOC ppm	PM ₁₀ μg/m ³	TVOC ppm	PM ₁₀ μg/m ³	TVOC ppm	Odor (0-8)
<i>Maximum 15-Minute Average Concentrations (Action Limits: PM₁₀ = 150 μg/m³ / TVOC = 25 ppm / Odor Intensity = 3)</i>											
Mon 10/26/15	41.9	0.1	51.7 ¹	0.2	67.8	0.3 ²	11.0	0.1	NA	NA	NA
Tue 10/27/15	18.6	0.1	103.4	0.1	36.1	0.1	16.0	0.1	NA	NA	NA
Wed 10/28/15	50.6	0.3	63.1	0.2	12.7	ND ³	40.4	0.1	NA	NA	NA
Thu 10/29/15	40.5	0.1	99.0	0.1	73.4	0.1	45.0	0.1	NA	NA	NA
Fri 10/30/15	39.8	0.1	39.1	0.1	82.1	0.1	18.2	0.1	NA	NA	NA
<div> <div> PAM = Portable Air Monitoring Station PM₁₀ = Respirable Particulate Matter (μg/m³) TVOC = Total Volatile Organic Compounds (ppm) NA = Not Applicable ND = No Data </div> <div> <ul style="list-style-type: none"> Highlighted concentrations were reported above the Action Limits and were subject to further analysis based on background concentrations and onsite and offsite activities (shown in following table, if applicable). PAM stations collect average 15-minute PM₁₀ and TVOC concentrations updated every one minute during periods of Site activities (estimated to be Monday – Friday between 7AM and 4PM). <p>¹ PM₁₀ concentrations were invalid between 11:43AM and 3:12PM due to moisture build up in the DustTrak.</p> <p>² TVOC concentrations were invalid between 9:37AM and 1:01PM due to a PID power failure.</p> <p>³ TVOC concentrations were invalid between 7:33AM and 11:33AM due to moisture in the sample inlet (caused by wet weather).</p> </div> </div>											