



DEEDX, PLLC
749 Front Street
Hempstead, NY 11550

QUEENS BOROUGH-BASED JAIL
INDEPENDENT ENVIRONMENTAL MONITORING
WEEKLY REPORT #4

CLIENT'S REPR.: AHJV
DESIGN BUILDER'S
REPR.: DeMatteis Construction Corporation

WEATHER: 56 to 79 Degrees F;
65 - 87% Humidity

DEEDX REPR.: Santunu Barua, Brian Karu

PERIOD START & END Mon. 10/12/26 to Fri. 10/16/26

PROJECT NO.: 20191421891
LOCATION: 80-25 126th Street, Kew Gardens,
NY 11415

AIR / NOISE MONITORING PERSONNEL ONSITE

DEEDX	N/A
DeMatties Construction Corporation	John Cucchiarella Jr.

Executive Summary

No independent noise and dust monitoring was conducted during the reporting period of Monday, October 12, 2026, through Friday, October 16, 2026, due to the suspension of major construction activities at the Queens Borough-Based Jail project site located at 80-25 126th Street, Kew Gardens, New York.

Following the unanticipated work stoppage on Friday, October 2, 2026, associated with the sewer redesign, DEEDX's independent noise and dust monitoring activities remained suspended pending the resumption of applicable construction operations.

Monitoring activities will resume upon notification and coordination with site personnel, as required by the project monitoring plans.

Hirani Engineering & Land Surveying, P.C. stationary CAMP, noise and vibration monitors remain active. This weekly report documents applicable data.

WORK IN PROGRESS - WEEK ENDING 10/09/2026

Stationary Noise, and Vibration Monitoring. (Hirani Engineering & Land Surveying, P.C.)

BEST MANAGEMENT PRACTICES IN USE DURING CONSTRUCTION

Implementation of additional Best Management Practices (BMPs) was not required during the reporting period due to the temporary suspension of major construction activities.

CONCERNS, CHANGES, OR UNANTICIPATED CONDITIONS

Independent handheld monitoring has not resumed since stoppage on Friday, October 2, 2026.

OVERVIEW OF AIR QUALITY AND NOISE MONITORING
(See attached Dust & Noise Monitoring Plan for hand-held instrument monitoring locations.)

PM-10 (Avg.)	N/A
PM-10 (Max)	N/A
Noise (Leq)	N/A
Noise (Lmax)	N/A
Notes / Comments	DEEDX Independent Handheld Noise and Dust Monitoring has not resumed since on-site work stoppage.



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REMOTE REVIEW OF THE VIBRANALYSIS CAMP SYSTEM & STATIONARY NOISE MONITORS (See attached Noise Monitoring Plan & Dust Monitoring Plan for CAMP locations 1-3.)		
VOCs *	Data is not yet available. Review of results will be included in proceeding reports.	
PM 2.5 *	No applicable standard because PM2.5 monitoring is not required per approved project plans.	
PM 10 *	Data is not yet available. Review of results will be included in proceeding reports.	
Vibration	0.002 in/s to 0.016 in/s	
Noise (Leq) Avg.	62.1 dBA to 68.2 dBA	
Noise (Leq) Min to Max	56.8 dBA to 81.7 dBA	
Notes/Comments	Two (2) noise (Leq) exceedances were recorded, one (1) at monitoring location NM-05 & one (1) at monitoring location NM-06 during the reporting period: NM-05 - Tuesday, October 13, 2026, at 12:15 A.M.: 81.0 dBA NM-06 - Tuesday, October 13, 2026, at 12:15 A.M.: 81.7 dBA Site conditions and activities at the time of these exceedances could not be verified, and the contributing factors remain undetermined. Due to the temporary work stoppage, DEEDX was unable to conduct independent handheld noise monitoring to verify the daytime exceedance. The exceedance recorded at 12:15 A.M. occurred outside normal construction hours and may have been influenced by external noise sources unrelated to onsite construction activities. As a result, neither exceedance can be conclusively attributed to onsite construction activities, furthermore onsite construction activities are still suspended.	
* 15-Minute Time Weighted Average (TWA) Action and Stop Work Levels:		
Parameter	TWA Action Levels	TWA Stop Work Levels
PM-2.5 (ug/m ³) ***	Not Applicable***	Not Applicable***
PM-10 (ug/m ³)	100 ug/m ³ greater than upwind	150 ug/m ³ greater than upwind
** Community Noise Monitoring Alert Limits		
Lmax alert limits (5-min, dBA Slow): 85 daytime; 75 off-hours.		
Leq, weekdays 07:00–18:00: sensitive receptors 75 dBA; commercial/industrial 80 or Background + 5, whichever is higher		
Leq (10-min), sensitive receptors: weekday 65; Commercial/industrial 80 or Background + 5, whichever is higher		
*** No applicable standard because PM2.5 monitoring is not required per approved project plans.		
Vibration Limits		
Vibration Threshold Level = 0.5 in/s		Stop-Work Limit Threshold = 1.0 in/s
ENVIRONMENTAL / COMPLIANCE ISSUES		
No open environmental or compliance issues.		
RECOMMENDATIONS		
No new recommendations at this time due to the temporary suspension of major construction activities.		