



DEEDX, PLLC
749 Front Street
Hempstead, NY 11550

BBJ-QN-FAC WEEKLY REPORT # 2

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

WEATHER: 60 to 70 Degrees F;
61 - 93% Humidity

DEEDX REPR.: Fnu Anshul, Santunu Barua

PERIOD START & END Mon. 9/28/26 to Fri. 10/02/26

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

LOCATION: NY 11415

AIR / NOISE MONITORING PERSONNEL ONSITE

DEEDX	Fnu Anshul, Santunu Barua
DeMatties Construction Corporation	John Cucchiarella Jr.

Executive Summary

Independent noise and dust monitoring was conducted daily from Monday, September 28, 2026 through Friday, October 2, 2026 during active construction activities at the Queens project site located at 80-25 126th Street, Kew Gardens, New York. Monitoring results were consistent with observed site activities and varying weather conditions throughout the monitoring period. No significant exceedances were identified.

WORK IN PROGRESS - WEEK ENDING 10/02/2026

Trench Shoring and Excavation associated with sewer relocation work. (Unicorn Construction Ent.)
Site Surveying for Sewer Plan (Unicorn Construction Ent.)
Independent Environmental, Noise, and Dust Monitoring. (DEEDX)
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 monitoring period due to the limited nature and extent of construction activities observed onsite.

CONCERNS, CHANGES, OR UNANTICIPATED CONDITIONS

Notification received of work stoppage for Friday, October 2, 2026.

No exceedances were identified in the dust or noise monitoring data during the reporting period. Elevated readings were observed at monitoring locations in proximity to the Van Wyck Expressway, potentially influenced by traffic and surrounding conditions.

On-site maintenance of excavator.

Light rain on Monday.

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

PM-10 (Avg.)	1.25 ug/m ³ to 37.3 ug/m ³
PM-10 (Max)	22 ug/m ³ to 128 ug/m ³
Noise (Leq)	56.3 dBA to 70.1 dBA
Noise (Lmax)	63.8 dBA to 84.3 dBA
Notes / Comments	Elevated readings near the Van Wyck Expressway and Queens Blvd. may have been influenced by traffic. No dust or noise exceedances were identified from the on-site construction activities.



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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 0.1 in/s	
Noise (Leq)	57.9 dBA to 91.2 dBA	
Notes/Comments	Stationary Noise Monitor reading of 91.2 dBA was recorded at 11:20 A.M. on Monday 9/28/26, at Location NM-02. On this day Independent noise monitoring could not be conducted due to the rain. It was also noted that wind speeds were moderate to high. Construction activity on this day included trench shoring and excavation in close proximity to NM-02 & NM-03, these monitors are located very close to the building wall, which reflects the noise. The combination of these factors including rain makes these elevated readings not representative.	
* 15-Minute Time Weighted Average (TWA) Action and Stop Work Levels:		
Parameter	TWA Action Levels	TWA Stop Work Levels
PM-2.5 (ug/m³) ***	Not Applicable***	Not Applicable***
PM-10 (ug/m³)	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		
The material stockpile should be covered with tarp when not in use and water should be applied to disturbed areas during dry weather to prevent airborne dust generation.		

COMMUNITY MONITORING LOG

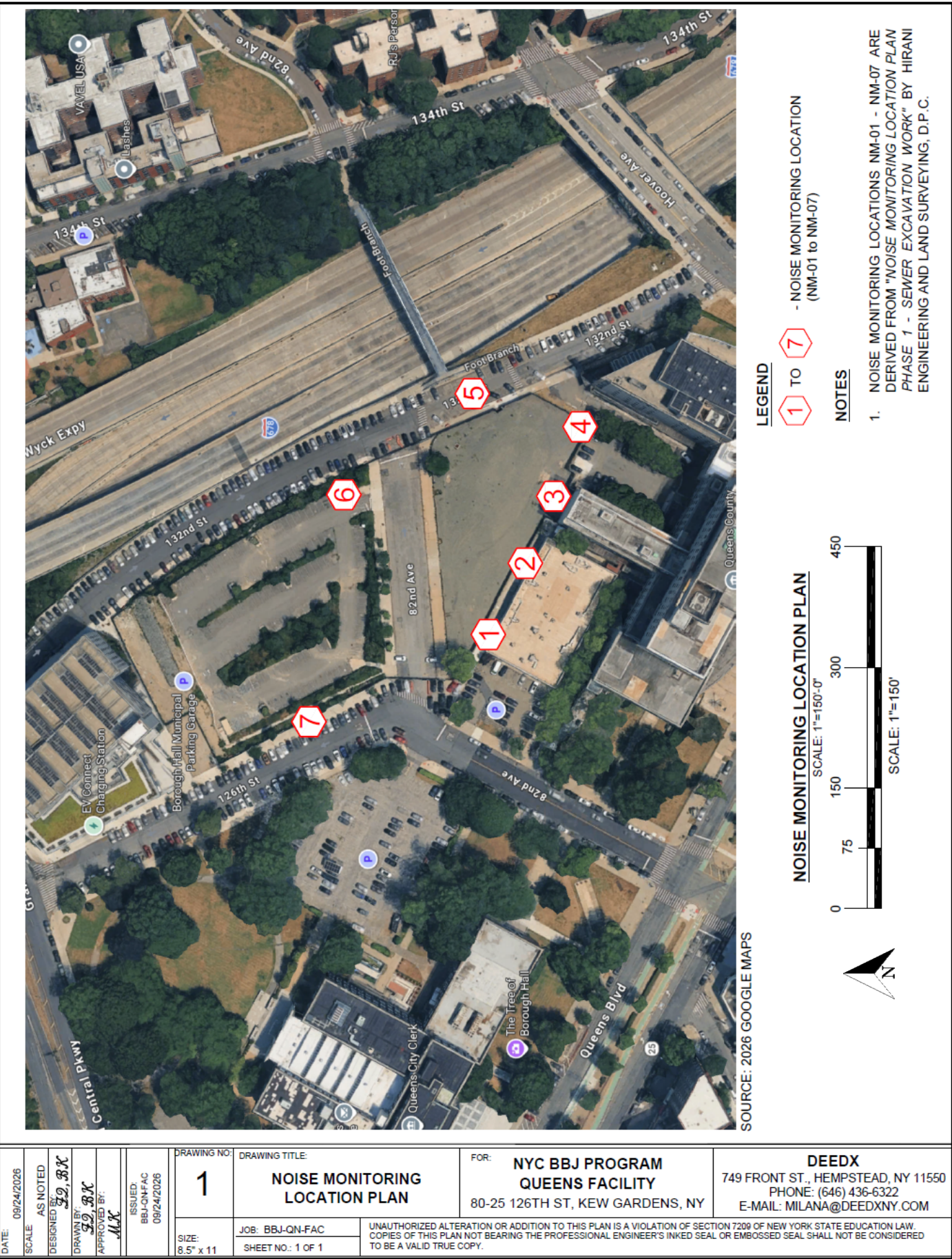
		Real-Time Readings*							
Time	Location	PM-10 Avg. (ug/m^3)*	PM-10 Max (ug/m^3)*	Noise Leq (dBA)**	Noise Lmax (dBA)**	Field Observation/ Work in Progress	Best Management Practices/Mitigation Recommendations	Open (O) / Closed (C) Status	Design Builder Comment
NOISE									
9/28/2026 0:00-0:00	NM-01	—	—	0.0	0.0	NW perimeter, Just south of facility of Queens Detention Facility. Due to continuous drizzle throughout the day, noise monitoring was not conducted. Trench Shoring work in progress.	No Recommendation	N/A	No action requested.
9/28/2026 0:00-0:00	NM-02	—	—	0.0	0.0	NW perimeter, Just south of facility of Queens Detention Facility. Due to continuous drizzle throughout the day, noise monitoring was not conducted. Trench Shoring work in progress.	No Recommendation	N/A	No action requested.
9/28/2026 0:00-0:00	NM-03	—	—	0.0	0.0	NW perimeter, Just south of facility of Queens Detention Facility. Due to continuous drizzle throughout the day, noise monitoring was not conducted. Trench Shoring work in progress.	No Recommendation	N/A	No action requested.
9/28/2026 0:00-0:00	NM-04	—	—	0.0	0.0	NW perimeter, Just south of facility of Queens Detention Facility. Due to continuous drizzle throughout the day, noise monitoring was not conducted. Trench Shoring work in progress.	No Recommendation	N/A	No action requested.
9/28/2026 0:00-0:00	NM-05	—	—	0.0	0.0	Eastern Boundary near 132nd St close to Van Wyck Expressway. Due to continuous drizzle throughout the day, noise monitoring was not conducted. Trench Shoring work in progress.	No Recommendation	N/A	No action requested.
9/28/2026 0:00-0:00	NM-06	—	—	0.0	0.0	Eastern Boundary near 132nd St close to Van Wyck Expressway. Due to continuous drizzle throughout the day, noise monitoring was not conducted. Trench Shoring work in progress.	No Recommendation	N/A	No action requested.
9/28/2026 0:00-0:00	NM-07	—	—	0.0	0.0	Western Boundary near 126th St close to Borough Hall Municipal Parking Garage. Due to continuous drizzle throughout the day, noise monitoring was not conducted. Trench Shoring work in progress.	No Recommendation	N/A	No action requested.
9/29/2026 7:32-7:42	NM-01	—	—	62.0	70.5	NW perimeter, Just south of facility of Queens Detention Facility. Excavation and Trench Shoring for sewer relocation work in progress. Wind Speed NW 5.5 mph.	No Recommendation	N/A	No action requested.
9/29/2026 7:48-7:58	NM-02	—	—	58.7	66.1	NW perimeter, Just south of facility of Queens Detention Facility. Excavation and Trench Shoring for sewer relocation work in progress. Wind Speed NW 4.3 mph.	No Recommendation	N/A	No action requested.
9/29/2026 8:05-8:15	NM-03	—	—	70.1	84.3	NW perimeter, Just south of facility of Queens Detention Facility. Excavation and Trench Shoring for sewer relocation work in progress. Wind Speed NW 3.5 mph.	No Recommendation	N/A	No action requested.
9/29/2026 8:25-8:35	NM-04	—	—	66.9	76.6	NW perimeter, Just south of facility of Queens Detention Facility. Excavation and Trench Shoring for sewer relocation work in progress. Wind Speed NW 6.1 mph.	No Recommendation	N/A	No action requested.
9/29/2026 8:39-8:49	NM-05	—	—	62.2	69.2	Eastern Boundary near 132nd St close to Van Wyck Expressway. Excavation and Trench Shoring for sewer relocation work in progress. Wind Speed NW 3.3 mph.	No Recommendation	N/A	No action requested.
9/29/2026 8:51-9:01	NM-06	—	—	62.9	66.7	Eastern Boundary near 132nd St close to Van Wyck Expressway. Excavation and Trench Shoring for sewer relocation work in progress. Wind Speed NW 3.7 mph.	No Recommendation	N/A	No action requested.
9/29/2026 9:12-9:22	NM-07	—	—	63.0	71.4	Western Boundary near 126th St close to Borough Hall Municipal Parking Garage. Excavation and Trench Shoring for sewer relocation work in progress. Wind Speed NW 4.2 mph.	No Recommendation	N/A	No action requested.
9/30/2026 8:05-8:15	NM-01	—	—	61.3	69.0	NW perimeter, Just south of facility of Queens Detention Facility. Sewer relocation work in progress. Wind Speed NW 0.8 mph.	No Recommendation	N/A	No action requested.
9/30/2026 8:20-8:30	NM-02	—	—	60.9	71.8	NW perimeter, Just south of facility of Queens Detention Facility. Sewer relocation work in progress. Wind Speed NW 1 mph.	No Recommendation	N/A	No action requested.
9/30/2026 8:39-8:49	NM-03	—	—	61.1	70.5	NW perimeter, Just south of facility of Queens Detention Facility. Sewer relocation work in progress. Wind Speed NW 3.5 mph.	No Recommendation	N/A	No action requested.
9/30/2026 8:56-9:06	NM-04	—	—	63.6	71.5	NW perimeter, Just south of facility of Queens Detention Facility. Sewer relocation work in progress. Wind Speed SW 4.0 mph.	No Recommendation	N/A	No action requested.
9/30/2026 9:22-9:32	NM-05	—	—	59.7	63.8	Eastern Boundary near 132nd St close to Van Wyck Expressway. Sewer relocation work in progress Wind Speed NW 2.4 mph.	No Recommendation	N/A	No action requested.
9/30/2026 9:36-9:46	NM-06	—	—	69.9	79.6	Eastern Boundary near 132nd St close to Van Wyck Expressway. Sewer relocation work in progress. Wind Speed NW 4 mph.	No Recommendation	N/A	No action requested.
9/30/2026 9:51-10:01	NM-07	—	—	57.0	65.0	Western Boundary near 126th St close to Borough Hall Municipal Parking Garage. Sewer relocation work in progress. Wind Speed NE 1.1 mph.	No Recommendation	N/A	No action requested.
10/1/2026 8:01-8:11	NM-01	—	—	59.9	76.6	NW perimeter, Just south of facility of Queens Detention Facility. No Operation onsite. Wind Speed SE 0.6 mph. Heavy Highway Traffic.	No Recommendation	N/A	No action requested.
10/1/2026 8:13-8:23	NM-02	—	—	59.7	73.6	NW perimeter, Just south of facility of Queens Detention Facility. No Operation onsite. Wind Speed E 1.1 mph. Heavy Highway Traffic.	No Recommendation	N/A	No action requested.
10/1/2026 8:27-8:37	NM-03	—	—	58.0	68.1	NW perimeter, Just south of facility of Queens Detention Facility. No Operation onsite. Wind Speed SE 2.0 mph. Heavy Highway Traffic.	No Recommendation	N/A	No action requested.
10/1/2026 8:47-8:57	NM-04	—	—	62.3	70.8	NW perimeter, Just south of facility of Queens Detention Facility. No Operation onsite. Wind Speed SE 0.3 mph. Heavy Highway Traffic.	No Recommendation	N/A	No action requested.

10/1/2026 9:06-9:16	NM-05	—	—	59.9	71.7	Eastern Boundary near 132nd St close to Van Wyck Expressway. No Operation onsite. Wind Speed NW 0.8 mph. Heavy Highway Traffic.	No Recommendation	N/A	No action requested.
10/1/2026 9:19-9:29	NM-06	—	—	60.8	71.0	Eastern Boundary near 132nd St close to Van Wyck Expressway. No Operation onsite. Wind Speed NW 3.2 mph. Heavy Highway Traffic.	No Recommendation	N/A	No action requested.
10/1/2026 9:33-9:43	NM-07	—	—	60.5	71.5	Western Boundary near 126th St close to Borough Hall Municipal Parking Garage. No Operation onsite. Wind Speed NW 2.5 mph. Heavy Highway Traffic.	No Recommendation	N/A	No action requested.
10/2/2026 8:09-8:19	NM-01	—	—	60.0	70.9	NW perimeter, Just south of facility of Queens Detention Facility. No Operation onsite. Surveying work was in progress. Wind Speed E 2.1 mph. Heavy Highway Traffic.	No Recommendation	N/A	No action requested.
10/2/2026 8:25-8:35	NM-02	—	—	63.0	74.2	NW perimeter, Just south of facility of Queens Detention Facility. No Operation onsite. Surveying work was in progress. Wind Speed SW 2.5 mph. Heavy Highway Traffic.	No Recommendation	N/A	No action requested.
10/2/2026 8:40-8:50	NM-03	—	—	56.8	66.1	NW perimeter, Just south of facility of Queens Detention Facility. No Operation onsite. Surveying work was in progress. Wind Speed SW 1.8 mph. Heavy Highway Traffic.	No Recommendation	N/A	No action requested.
10/2/2026 8:53-9:03	NM-04	—	—	64.9	75.0	NW perimeter, Just south of facility of Queens Detention Facility. No Operation onsite. Surveying work was in progress. Wind Speed SW 3.2 mph. Heavy Highway Traffic.	No Recommendation	N/A	No action requested.
10/2/2026 9:14-9:24	NM-05	—	—	58.2	67.7	Eastern Boundary near 132nd St close to Van Wyck Expressway. No Operation onsite. Surveying work was in progress. Wind Speed SW 3.6 mph. Heavy Highway Traffic.	No Recommendation	N/A	No action requested.
10/2/2026 9:29-9:39	NM-06	—	—	63.8	76.8	Eastern Boundary near 132nd St close to Van Wyck Expressway. No Operation onsite. Surveying work was in progress. Wind Speed SE 2.4 mph. Heavy Highway Traffic.	No Recommendation	N/A	No action requested.
10/2/2026 9:49-9:59	NM-07	—	—	56.3	69.6	Western Boundary near 126th St close to Borough Hall Municipal Parking Garage. No Operation onsite. Surveying work was in progress. Wind Speed SE 1.2 mph. Heavy Highway Traffic.	No Recommendation	N/A	No action requested.
DUST									
9/28/2026 9:08-9:23	CAMP 1	9.0	81.0	—	—	Just south of facility, as shown in photo. Trench Shoring. Wind from W 5.7 mph. Heavy Highway Traffic	No Recommendation	N/A	No action requested.
9/28/2026 9:42-9:57	CAMP 2	1.0	22.0	—	—	132nd St near Van Wyck Expressway. Trench Shoring. Wind from NE 3.1 mph. Heavy Highway Traffic	No Recommendation	N/A	No action requested.
9/28/2026 11:36-11:51	CAMP 3	7.0	70.0	—	—	126th St near Borough Hall Municipal Parking Garage. Trench Shoring. Wind from NE 2.5 mph.	No Recommendation	N/A	No action requested.
9/29/2026 10:50-11:05	CAMP 1	21.0	53.0	—	—	Just south of facility, as shown in photo. Trench Shoring. Wind from W 4.5 mph. Excavation and Trench Shoring for sewer relocation work in progress and Heavy Highway Traffic.	No Recommendation	N/A	No action requested.
9/29/2026 11:07-11:22	CAMP 2	21.0	94.0	—	—	132nd St near Van Wyck Expressway. Trench Shoring. Wind from W 6.5 mph. Excavation and Trench Shoring for sewer relocation work in progres and Heavy Highway Traffic.	No Recommendation	N/A	No action requested.
9/29/2026 12:21-12:36	CAMP 3	21.0	88.0	—	—	126th St near Borough Hall Municipal Parking Garage. Trench Shoring. Wind from W 2.6 mph, Excavation and Trench Shoring for sewer relocation work in progress.	No Recommendation	N/A	No action requested.
9/30/2026 10:32-10:47	CAMP 1	21.0	87.0	—	—	Just south of facility, as shown in photo. Trench Shoring. Wind from W 5.5 mph. Sewer relocation work in progress.	No Recommendation	N/A	No action requested.
9/30/2026 11:06-11:21	CAMP 2	22.0	41.0	—	—	132nd St near Van Wyck Expressway. Trench Shoring. Wind from W 6.5 mph. No Operation	No Recommendation	N/A	No action requested.
9/30/2026 11:29-11:44	CAMP 3	23.0	73.0	—	—	126th St near Borough Hall Municipal Parking Garage. Trench Shoring. Wind from NW 2.6 mph, No Operation	No Recommendation	N/A	No action requested.
10/1/2026 12:23-12:38	CAMP 1	29.0	71.0	—	—	Just south of facility, as shown in photo. No Operation Onsite. Wind from E 3.6 mph. Heavy Highway Traffic.	No Recommendation	N/A	No action requested.
10/1/2026 12:41-12:56	CAMP 2	35.0	90.0	—	—	132nd St near Van Wyck Expressway. No Operation Onsite. Wind from E 2.5 mph. Heavy Highway Traffic.	No Recommendation	N/A	No action requested.
10/1/2026 13:01-13:16	CAMP 3	34.0	55.0	—	—	126th St near Borough Hall Municipal Parking Garage. No Operation Onsite. Wind from E 3.9 mph. Heavy Highway Traffic.	No Recommendation	N/A	No action requested.
10/2/2026 11:44-11:59	CAMP 1	33.0	78.0	—	—	Just south of facility, as shown in photo. No Operation Onsite. Surveying work was in progress. Wind from E 3.2 mph. Heavy Highway Traffic.	No Recommendation	N/A	No action requested.
10/2/2026 12:00-12:15	CAMP 2	37.0	80.0	—	—	132nd St near Van Wyck Expressway. No Operation Onsite. Surveying work was in progress. Wind from E 3.6 mph. Heavy Highway Traffic.	No Recommendation	N/A	No action requested.
10/2/2026 12:20-12:35	CAMP 3	37.0	128.0	—	—	126th St near Borough Hall Municipal Parking Garage. No Operation Onsite. Surveying work was in progress. Wind from SE 4.2 mph. Heavy Traffic on adjacent road.	No Recommendation	N/A	No action requested.
* 15-Minute Time Weighted Average (TWA) Action and Stop Work Levels:									
Parameter		TWA Action Levels				TWA Stop Work Levels			
PM-2.5 (ug/m³)***		Not Applicable***				Not Applicable***			
PM-10 (ug/m³)		100 ug/m³ greater than upwind				150 ug/m³ greater than upwind			
VOC (ppm)		5 ppm greater than upwind				25 ppm 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									
*** PM-2.5 (ug/m³) monitoring is not required per approved project plans									
Location Key (Based on CAMP Locations and Noise Monitoring Plan)									

NM-01: NW perimeter Just south of facility of Queens Detention Facility
 NM-02: NW perimeter Just south of facility of Queens Detention Facility
 NM-03: NW perimeter Just south of facility of Queens Detention Facility
 NM-04: NW perimeter Just south of facility of Queens Detention Facility
 NM-05: Eastern Boundary near 132nd St close to Van Wyck Expressway
 NM-06: Eastern Boundary near 132nd St close to Van Wyck Expressway
 NM-07: Western Boundary near 126th St close to Borough Hall Municipal Parking Garage
 NM-01 – NM-07: Noise checks. CAMP1-CAMP3: Dust checks.

CAMP 1 - Just south of facility of Queens Detention Facility
 CAMP 2 - 132nd St near Van Wyck Expressway
 CAMP 3 - 126th St near Borough Hall Municipal Parking Garage

HANDHELD NOISE MONITORING LOCATION PLAN



HANDHELD DUST MONITORING LOCATION PLAN

