

**AIR, NOISE AND VIBRATION  
MONTHLY MONITORING REPORT**

Prepared By:  
Hajeong Lim (HRCG)

<b>DDC Project No.:</b> BBJ Q DSS		<b>Period Start:</b> 03/01/24 <b>End</b> 03/31/24	
<b>DDC Pin No.:</b> 8502020CR0046P			
<b>Project Name:</b> NYC Borough Based Jails System - Queens Dismantle and Swing Space			
<b>1) Community Air Monitoring Monthly Status Summary</b>			
TWA – Time Weighted Average mg/m <sup>3</sup> - milligrams per cubic meter			
Number of Workdays in a Month	Number of Air Monitoring Days in a Month	Number of Days with Dust Concentrations above Action Concentrations by Month (0.1 mg/m <sup>3</sup> 15 minute TWA)	Comments
26	13	None	Daily dust monitoring was suspended due to lack of site grading activities until March 11, 2024. Daily dust monitoring has been resumed on March 12, 2024, when the dismantle site grading subcontractor was mobilized.
<b>Community Air Monitoring Monthly Excursions and Corrective Actions</b>			
Action Concentration = 0.100 mg/m <sup>3</sup> 15 minute TWA above background concentration*			
Stop Work Concentration = 0.150 mg/m <sup>3</sup> 15 minute TWA above background concentration*			
* Background concentration values vary daily. See Prestart/Background Condition Level in the attached graphs.			
Date: Time	Maximum Dust Reading Before Corrective Action 15 Minute TWA (mg/m <sup>3</sup> )	Maximum Dust Reading After Corrective Action 15 Minute TWA (mg/m <sup>3</sup> )	Corrective Action
<b>Narrative Summary of Air Monitoring, Excursions and Corrective Actions:</b>			
<p><i>In March 2024, dismantle related levels of Particulate Matter (PM) PM10 did not surpass Daily Permissible Exposure Limits (PEL) as set by federal standards for the 24-hour Time Weighted Average (TWA), or daily value, and did not cause air quality concerns to the public or on-site workers.</i></p> <p><i>The Design Builder, Hunter Roberts Construction Group, in conjunction with the Design Builder’s environmental specialist, has successfully implemented mitigation techniques at Action Level as well as Permissible Exposure Limits (15-Minute TWA) to suppress construction activity effects on air quality throughout the project work-zone.</i></p>			

**2) Community Noise Monitoring Monthly Summary**

Units to be a weighted decibels (dBA) level

Number of Workdays in a Month	Number of Noise Monitoring Days in a Month	Number of Days with Noise Levels above Action Levels by Month	Comments
26	4	0	According to the monitoring plan for the site, the number of days performing noise monitoring (4) is more than the requirement of (2) days.

**Community Noise Monitoring Monthly Excursions and Corrective Actions**

Noise Monitoring Location 1 Action Level (Day – 7 am to 5 pm / Night – 5 pm to 7 am): 75 / NA  
 Noise Monitoring Location 2 Action Level (Day – 7 am to 5 pm / Night – 5 pm to 7 am): 75 / NA  
 Noise Monitoring Location 3 Action Level (Day – 7 am to 5 pm / Night – 5 pm to 7 am): 69 / 68  
 Noise Monitoring Location 4 Action Level (Day – 7 am to 5 pm / Night – 5 pm to 7 am): 65 / 55  
 Noise Monitoring Location 5 Action Level (Day – 7 am to 5 pm / Night – 5 pm to 7 am): 68 / 67

Date Time	Location	Maximum Noise Reading before Corrective Action (dBA)	Maximum Noise Reading after Corrective Action (dBA)	Baseline Noise Level Day/Night (dBA)	Corrective Action

**Narrative Summary of Noise Monitoring, Excursions and Corrective Actions:**

*Throughout March 2024, noise levels remained below the set thresholds at all five locations. Dismantle-related activities in the month stayed within or below the warning limit at various locations. No corrective actions were required as noise levels didn't surpass the limits due to ongoing dismantle activities.*

*Nighttime Action Levels are established for three residential location, location #3, #4, and #5, in case dismantling activities are performed between 5 pm and 7 am.*

**3) Community Vibration Monitoring Monthly Summary**

Units (in/sec)

Number of Workdays in a Month	Number of Vibration Monitoring Days in a Month	Number of Days with Vibration Levels above Action Levels by Month	Comments
26	26	1	

**Community Vibration Monitoring Monthly Excursions and Corrective Actions**

Alert / Action Level = 0.3 in/s  
Stop Work Level = 0.5 in/s

Date: Time	Maximum Vibration Level before Corrective Action (in/s)	Exceedance Duration	Maximum Vibration Level Followed Exceedance without Corrective Action (in/s)	Corrective Action
March 28 approx. 8:30 am at VM2 by DA Wing	> 0.5	< 30 sec	< 0.01	N/A. AKRF picked up the monitor and changed the batteries. This exceedance was caused by a direct contact by AKRF staff when changing batteries. Not caused by on going site grading activities.

**Narrative Summary of Vibration Monitoring, Excursions and Corrective Actions:**

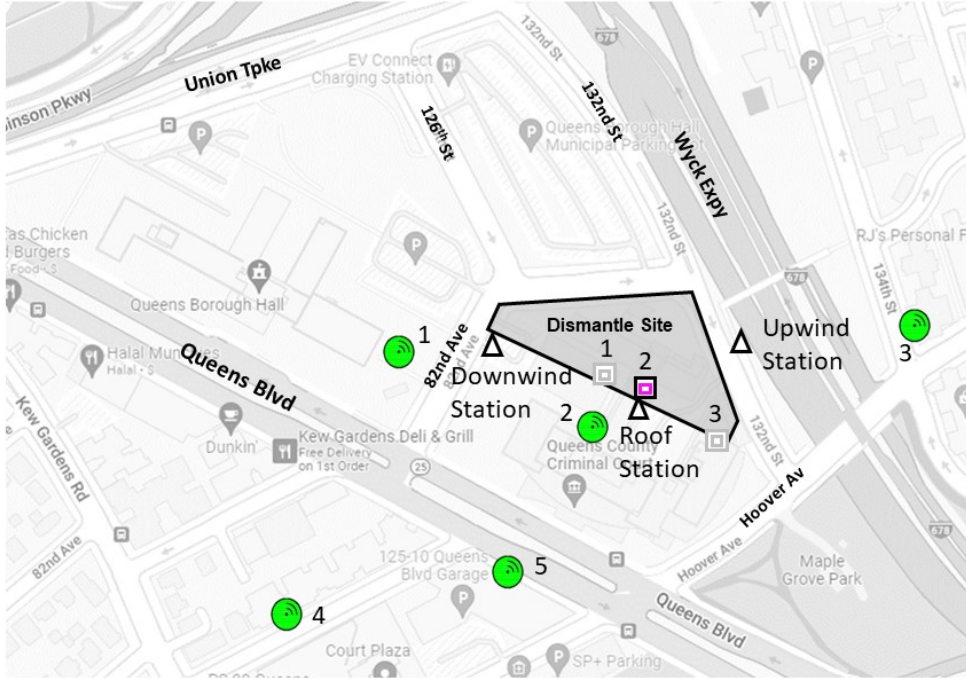
*During the Month of March 2024, there was Zero vibration monitor exceedance caused by dismantle or construction activities. All monitors showed results of vibration being under the warning limit of 0.3(in/sec) / stop work limit of 0.5(in/sec).*

*On March 5<sup>th</sup>, 2024, Vibration Monitor Equipment at Location 1 & 3 were demobilized with confirmation from Environmental Monitoring Engineer AKRF as there are no activities that would affect the existing building structures adjacent to the Vibration Monitor Equipment at Location 1 & 3.*





**ATTACHMENTS:**

- 1 – Map of Monitoring Station/Locations
- 2 – Baseline Reference
- 3 – Data Plots

# Environmental Monitoring Queens – 03/05/24



As of 03/05/2024 Vibration Monitor Equipment 1 & 3 were demobilized.

-  Inactive Vibration Monitor as of 03/05/2024
-  Vibration Monitor (VM)
-  Air Monitoring Station (DM)
-  Noise Monitoring Station (NM)

## Noise Threshold Limits in dBA – Baseline Survey April 2022

### Construction Noise Threshold Limits in dBA

Location	Daytime L <sub>eq</sub>	Nighttime L <sub>eq</sub>
Adjacent to the easternmost façade of Queens Borough Hall	75	N/A
At the southwestern corner of the DA Wing	75	N/A
At the residences along 134th Street between 82nd Avenue and Hoover Avenue	69	68
At the residences on 82nd Road between Kew Gardens Road and Queens Boulevard, approximately 200 feet from Kew Gardens Road	65	55
At the residences on Queens Boulevard between 82nd Road and Lefferts Boulevard	68	67



**Site Grading Activity Daily Air Monitoring on March 12, 2024**

**Upwind Station Data Charts (PM<sub>10</sub>)**



Mass Conc. Total mg/m <sup>3</sup> DustTrak-8530 RS232(E)			Mass Conc. Total mg/m <sup>3</sup> AVG 15m mg/m <sup>3</sup> DustTrak-8530 RS232(E)		
MIN	AVG	MAX	MIN	AVG	MAX
0.009	0.017	0.028	0.009	0.0165	0.0213

Name BBJ Upwind  
S/N 2B354001  
Description FA06004  
Location 82-5 134th St,  
Briarwood, NY 11435,  
USA

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**Downwind Station Data Charts (PM<sub>10</sub>)**



Mass Conc. Total mg/m <sup>3</sup> DustTrak-8530 RS232(E)			Mass Conc. Total mg/m <sup>3</sup> AVG 15m mg/m <sup>3</sup> DustTrak-8530 RS232(E)		
MIN	AVG	MAX	MIN	AVG	MAX
0.005	0.017	0.125	0.0052	0.017	0.0326

Name BBJ #3  
S/N 2B354535  
Description FA06003  
Location 126-01 82nd Ave, Kew  
Gardens, NY 11415,  
USA

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**Site Grading Activity Air Daily Monitoring on March 13, 2024**

**Upwind Station Data Charts (PM<sub>10</sub>)**

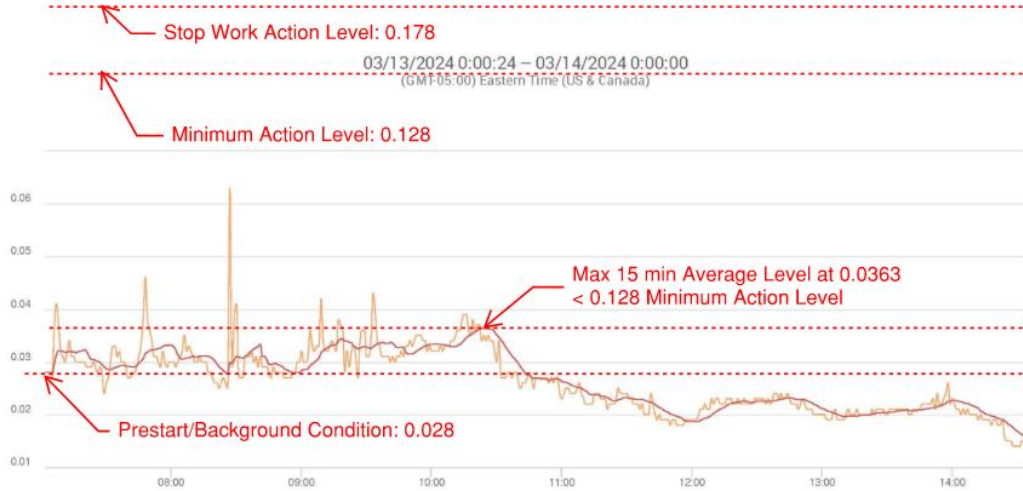


Mass Conc. Total mg/m <sup>3</sup> DustTrak-8530 #52232(0)			Mass Conc. Total mg/m <sup>3</sup> AVG 15m mg/m <sup>3</sup> DustTrak-8530 #52232(0)		
MIN	AVG	MAX	MIN	AVG	MAX
0.017	0.028	0.041	0.0187	0.0279	0.0379

Name BBJ Upwind  
S/N 2B354001  
Description FA06004  
Location 125-10 Queens Blvd  
#323, Queens, NY  
11415, USA

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**Downwind Station Data Charts (PM<sub>10</sub>)**



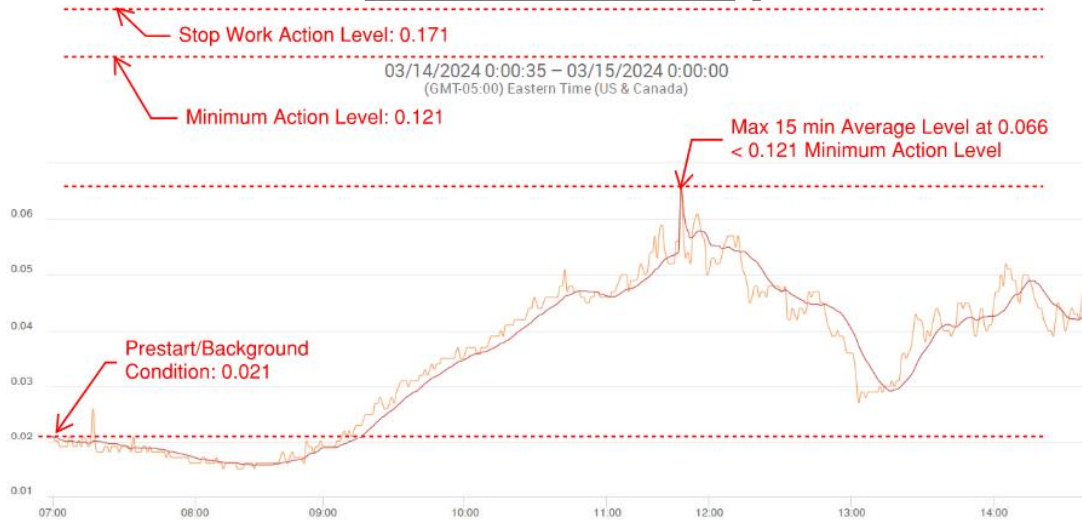
Mass Conc. Total mg/m <sup>3</sup> DustTrak-8530 #52319(0)			Mass Conc. Total mg/m <sup>3</sup> AVG 15m mg/m <sup>3</sup> DustTrak-8530 #52319(0)		
MIN	AVG	MAX	MIN	AVG	MAX
0.014	0.026	0.063	0.016	0.0266	0.0363

Name BBJ #3  
S/N 2B354535  
Description FA06003  
Location 13-24 Hoover Ave, Kew  
Gardens, NY 11415,  
USA

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**Site Grading Activity Daily Air Monitoring on March 14, 2024**

**Upwind Station Data Charts (PM<sub>10</sub>)**



Mass Conc. Total mg/m <sup>3</sup> DustTrak-8530 R5232(C)			Mass Conc. Total mg/m <sup>3</sup> AVG 15m mg/m <sup>3</sup> DustTrak-8530 R5232(C)		
MIN	AVG	MAX	MIN	AVG	MAX
0.015	0.035	0.066	0.0157	0.0349	0.066

Name BBJ Upwind  
S/N 2B354001  
Description FA06004  
Location 125-10 Queens Blvd  
#323, Queens, NY  
11415, USA

Netronix 2024

**Downwind Station Data Charts (PM<sub>10</sub>)**



Mass Conc. Total mg/m <sup>3</sup> DustTrak-8530 R5232(C)			Mass Conc. Total mg/m <sup>3</sup> AVG 15m mg/m <sup>3</sup> DustTrak-8530 R5232(C)		
MIN	AVG	MAX	MIN	AVG	MAX
0.016	0.038	0.202	0.0179	0.0382	0.062

Name BBJ #3  
S/N 2B354535  
Description FA06003  
Location 82-08 135th St,  
Jamaica, NY 11435,  
USA

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**Site Grading Activity Daily Air Monitoring on March 15, 2024**

**Upwind Station Data Charts (PM<sub>10</sub>)**



Mass Conc. Total mg/m <sup>3</sup> DustTrak-8530 RS232(C)			Mass Conc. Total mg/m <sup>3</sup> AVG 15m mg/m <sup>3</sup> DustTrak-8530 RS232(C)		
MIN	AVG	MAX	MIN	AVG	MAX
0.008	0.024	0.05	0.0093	0.025	0.05

Name BBJ Upwind  
S/N 2B354001  
Description FA06004  
Location 126-01 82nd Ave, Kew Gardens, NY 11415, USA

Netronix 2024

**Downwind Station Data Charts (PM<sub>10</sub>)**



Mass Conc. Total mg/m <sup>3</sup> DustTrak-8530 RS232(C)			Mass Conc. Total mg/m <sup>3</sup> AVG 15m mg/m <sup>3</sup> DustTrak-8530 RS232(C)		
MIN	AVG	MAX	MIN	AVG	MAX
0.009	0.022	0.093	0.0103	0.0221	0.0544

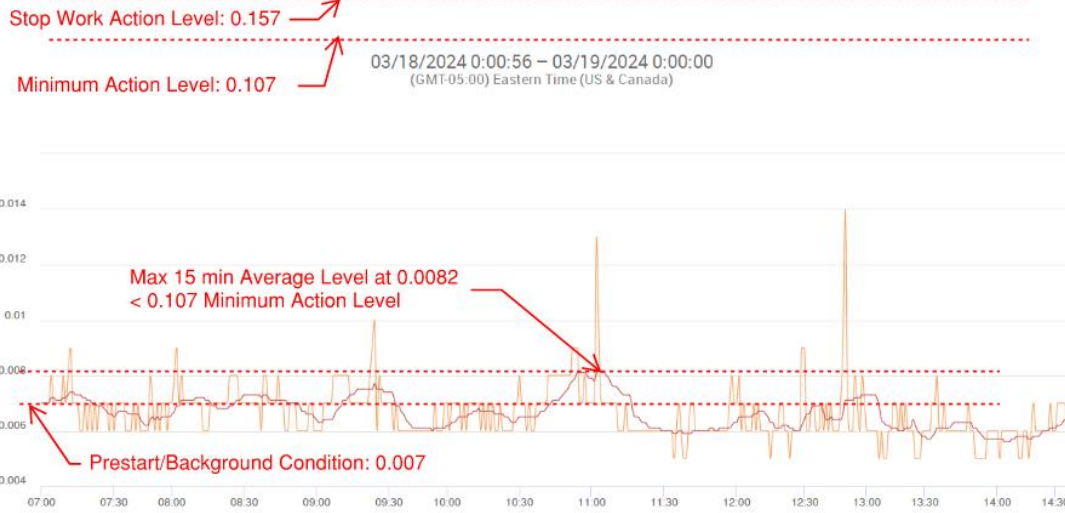
Name BBJ #3  
S/N 2B354535  
Description FA06003  
Location Queens County Criminal Building, Kew Gardens, NY 11415, USA

Netronix 2024



**Site Grading Activity Daily Air Monitoring on March 18, 2024**

**Upwind Station Data Charts (PM<sub>10</sub>)**



Mass Conc. Total mg/m <sup>3</sup> DustTrak-8530 R5232(C)			Mass Conc. Total mg/m <sup>3</sup> AVG 15m mg/m <sup>3</sup> DustTrak-8530 R5232(C)		
MIN	AVG	MAX	MIN	AVG	MAX
0.005	0.007	0.014	0.0056	0.0066	0.0082

Name BBJ Upwind  
S/N 2B354001  
Description FA06004  
Location 125-10 Queens Blvd  
#323, Queens, NY  
11415, USA

Netronix 2024

**Downwind Station Data Charts (PM<sub>10</sub>)**



Mass Conc. Total mg/m <sup>3</sup> DustTrak-8530 R5132(C)			Mass Conc. Total mg/m <sup>3</sup> AVG 15m mg/m <sup>3</sup> DustTrak-8530 R5232(C)		
MIN	AVG	MAX	MIN	AVG	MAX
0.002	0.005	0.012	0.0021	0.005	0.0071

Name BBJ #3  
S/N 2B354535  
Description FA06003  
Location 80-9 134th St,  
Briarwood, NY 11435,  
USA

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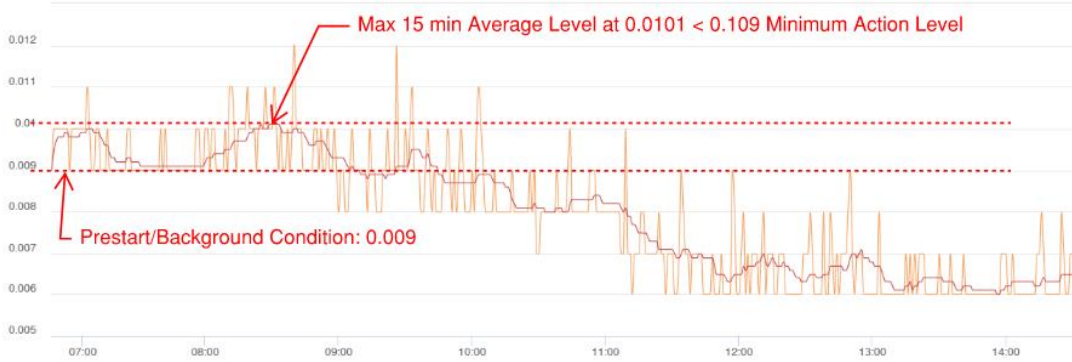
**Site Grading Activity Daily Air Monitoring on March 19, 2024**

**Upwind Station Data Charts (PM<sub>10</sub>)**

Stop Work Action Level: 0.159

Minimum Action Level: 0.109

03/19/2024 0:00:26 – 03/20/2024 0:00:00  
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m <sup>3</sup> DustTrak-8530 R8232(C)			Mass Conc. Total mg/m <sup>3</sup> AVG 15m mg/m <sup>3</sup> DustTrak-8530 R8232(C)		
MIN	AVG	MAX	MIN	AVG	MAX
0.006	0.008	0.012	0.006	0.008	0.0101

Name BBJ Upwind  
S/N 2B354001  
Description FA06004  
Location Queens Blvd/82 Av,  
Queens, NY 11415, USA

Netronix 2024

**Downwind Station Data Charts (PM<sub>10</sub>)**

Stop Work Action Level: 0.153

Minimum Action Level: 0.103

03/19/2024 0:00:37 – 03/20/2024 0:00:00  
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m <sup>3</sup> DustTrak-8530 R8232(C)			Mass Conc. Total mg/m <sup>3</sup> AVG 15m mg/m <sup>3</sup> DustTrak-8530 R8232(C)		
MIN	AVG	MAX	MIN	AVG	MAX
0.001	0.004	0.01	0.0016	0.0042	0.0065

Name BBJ #3  
S/N 2B354535  
Description FA06003  
Location 125-01 Queens Blvd,  
Kew Gardens, NY  
11415, USA

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**Site Grading Activity Daily Air Monitoring on March 20, 2024**

**Upwind Station Data Charts (PM<sub>10</sub>)**

Stop Work Action Level: 0.166

Minimum Action Level: 0.116

03/20/2024 0:00:57 – 03/21/2024 0:00:00  
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m <sup>3</sup> DustTrak-8530 R5232(C)			Mass Conc. Total mg/m <sup>3</sup> AVG 15m mg/m <sup>3</sup> DustTrak-8530 R5232(C)		
MIN	AVG	MAX	MIN	AVG	MAX
0.011	0.02	0.031	0.0122	0.0195	0.0272

Name BBJ Upwind  
S/N 2B354001  
Description FA06004  
Location 125-10 Queens Blvd  
#323, Queens, NY  
11415, USA

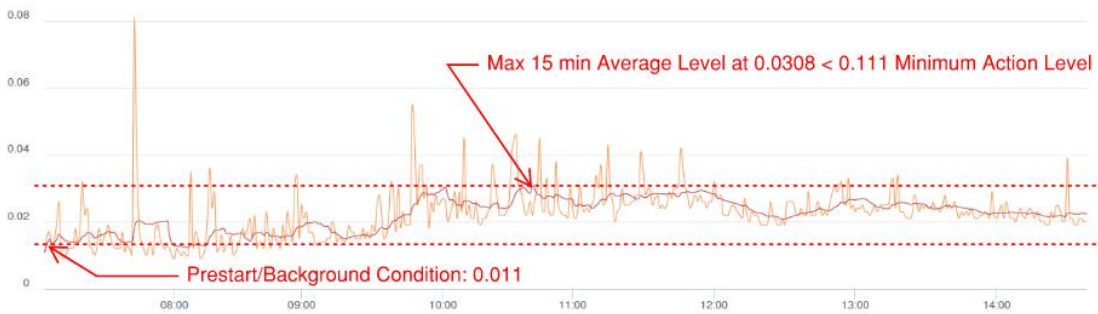
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**Downwind Station Data Charts (PM<sub>10</sub>)**

Stop Work Action Level: 0.161

Minimum Action Level: 0.111

03/20/2024 0:00:27 – 03/21/2024 0:00:00  
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m <sup>3</sup> DustTrak-8530 R5232(C)			Mass Conc. Total mg/m <sup>3</sup> AVG 15m mg/m <sup>3</sup> DustTrak-8530 R5232(C)		
MIN	AVG	MAX	MIN	AVG	MAX
0.009	0.022	0.081	0.011	0.0222	0.0308

Name BBJ #3  
S/N 2B354535  
Description FA06003  
Location 125-01 Queens Blvd,  
Kew Gardens, NY  
11415, USA

Netronix 2024



**Site Grading Activity Daily Air Monitoring on March 21, 2024**

**Upwind Station Data Charts (PM<sub>10</sub>)**

Stop Work Action Level: 0.161

Minimum Action Level: 0.111

03/21/2024 0:00:54 – 03/22/2024 0:00:00  
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m <sup>3</sup> DustTrak-8530 RS232(C)			Mass Conc. Total mg/m <sup>3</sup> AVG 15m mg/m <sup>3</sup> DustTrak-8530 RS232(C)		
MIN	AVG	MAX	MIN	AVG	MAX
0.005	0.008	0.026	0.0051	0.0078	0.012

Name BBJ Upwind  
S/N 2B354001  
Description FA06004  
Location 12526 Queens Blvd,  
Jamaica, NY 11415,  
USA

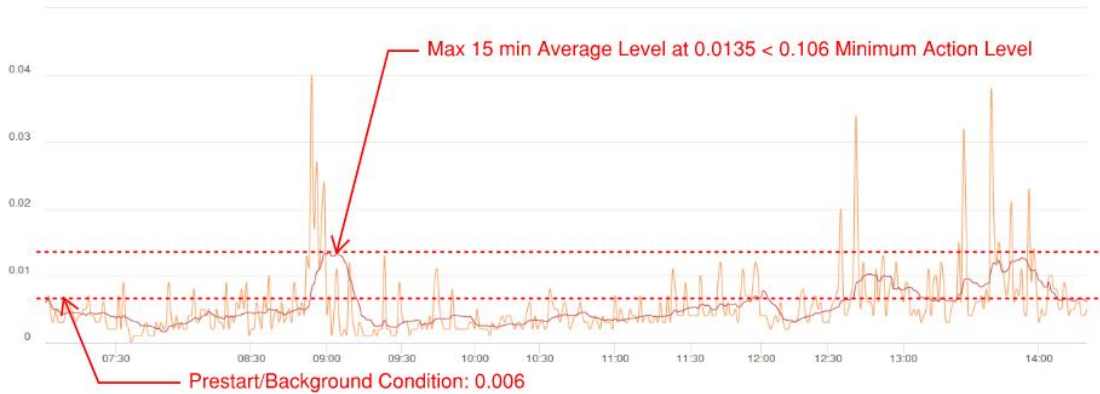
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**Downwind Station Data Charts (PM<sub>10</sub>)**

Stop Work Action Level: 0.156

Minimum Action Level: 0.106

03/21/2024 0:00:18 – 03/22/2024 0:00:00  
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m <sup>3</sup> DustTrak-8530 RS232(C)			Mass Conc. Total mg/m <sup>3</sup> AVG 15m mg/m <sup>3</sup> DustTrak-8530 RS232(C)		
MIN	AVG	MAX	MIN	AVG	MAX
0	0.005	0.04	0.0016	0.0054	0.0135

Name BBJ #3  
S/N 2B354535  
Description FA06003  
Location 125-01 Queens Blvd,  
Kew Gardens, NY  
11415, USA

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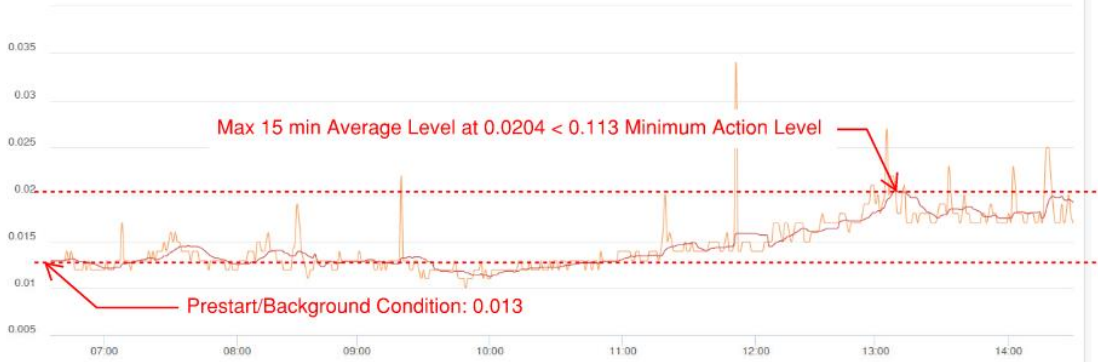
**Site Grading Activity Daily Air Monitoring on March 22, 2024**

**Upwind Station Data Charts (PM<sub>10</sub>)**

Stop Work Action Level: 0.163

Minimum Action Level: 0.113

03/22/2024 4:37:00 – 03/23/2024 7:37:00  
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m <sup>3</sup> DustTrak-8530 R6232(C)			Mass Conc. Total mg/m <sup>3</sup> AVG 15m mg/m <sup>3</sup> DustTrak-8530 R6232(C)		
MIN	AVG	MAX	MIN	AVG	MAX
0.01	0.015	0.034	0.0113	0.0146	0.0204

Name BBJ Upwind  
S/N 2B354001  
Description FA06004  
Location 125-01 Queens Blvd,  
Kew Gardens, NY  
11415, USA

Netronix 2024

**Downwind Station Data Charts (PM<sub>10</sub>)**

Stop Work Action Level: 0.156

Minimum Action Level: 0.106

03/22/2024 4:45:00 – 03/23/2024 7:45:00  
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m <sup>3</sup> DustTrak-8530 R6232(C)			Mass Conc. Total mg/m <sup>3</sup> AVG 15m mg/m <sup>3</sup> DustTrak-8530 R6232(C)		
MIN	AVG	MAX	MIN	AVG	MAX
0.005	0.012	0.054	0.0056	0.0116	0.0179

Name BBJ #3  
S/N 2B354535  
Description FA06003  
Location 126-01 82nd Ave, Kew  
Gardens, NY 11415,  
USA

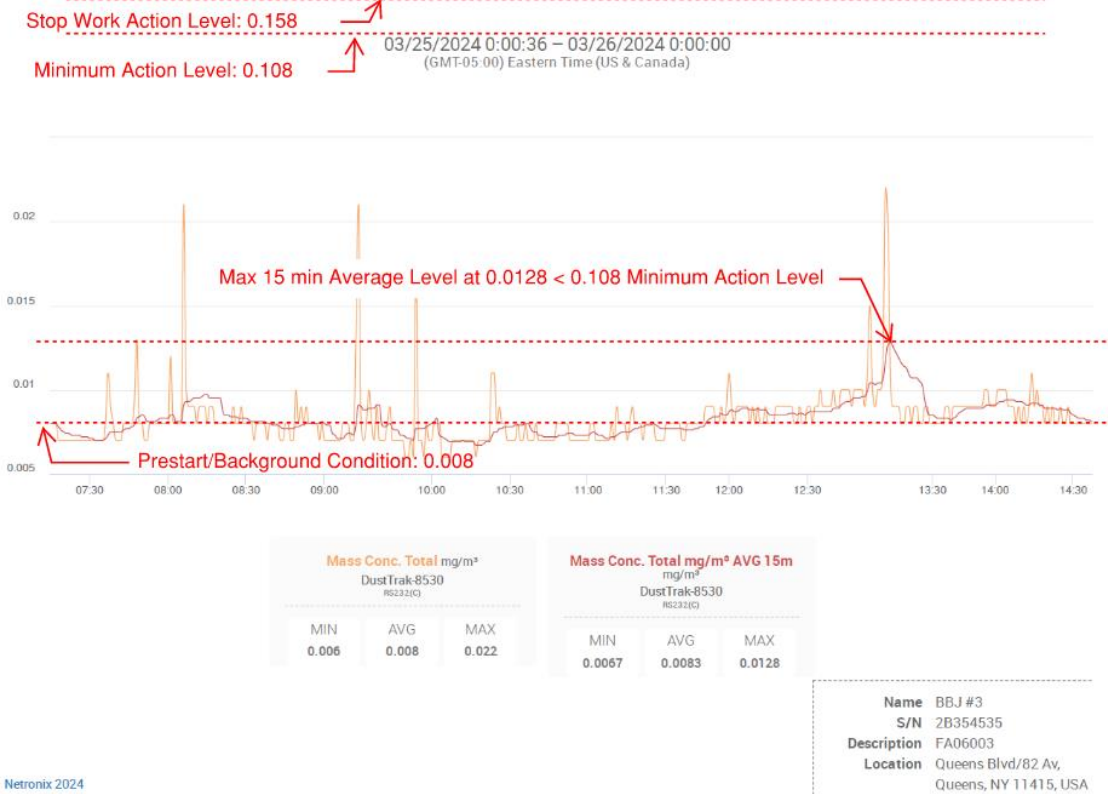
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**Site Grading Activity Daily Air Monitoring on March 25, 2024**

**Upwind Station Data Chart (PM<sub>10</sub>)**

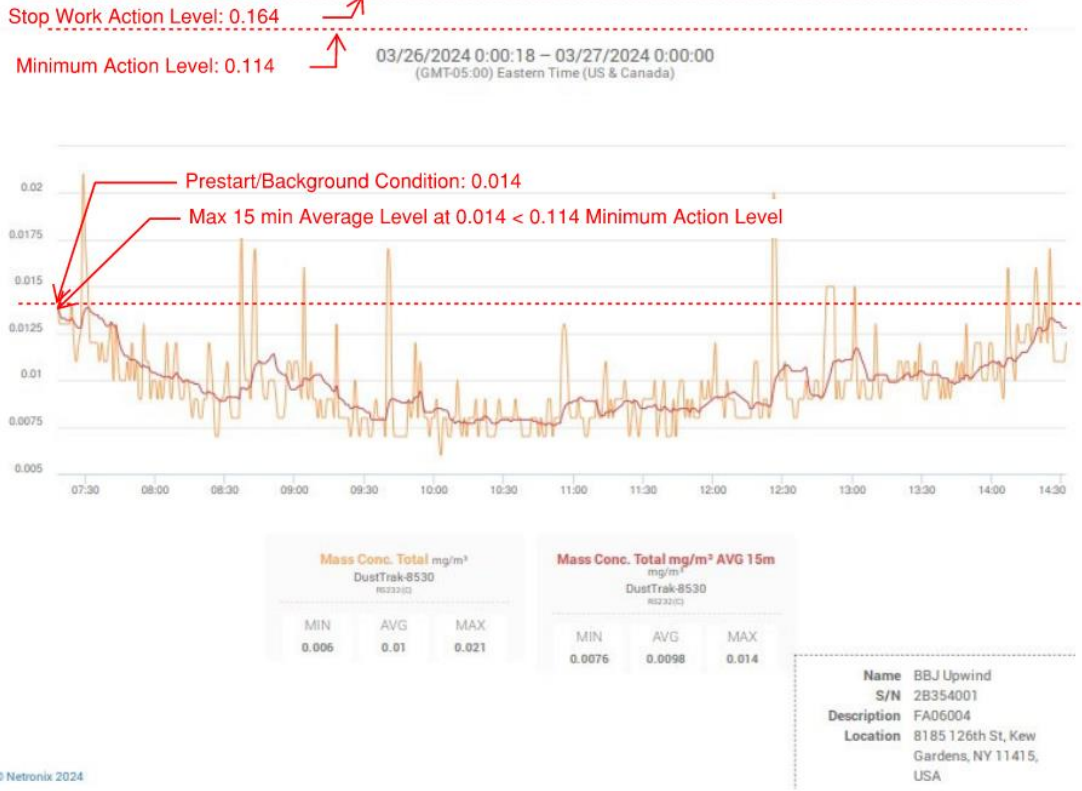


**Downwind Station Data Chart (PM<sub>10</sub>)**

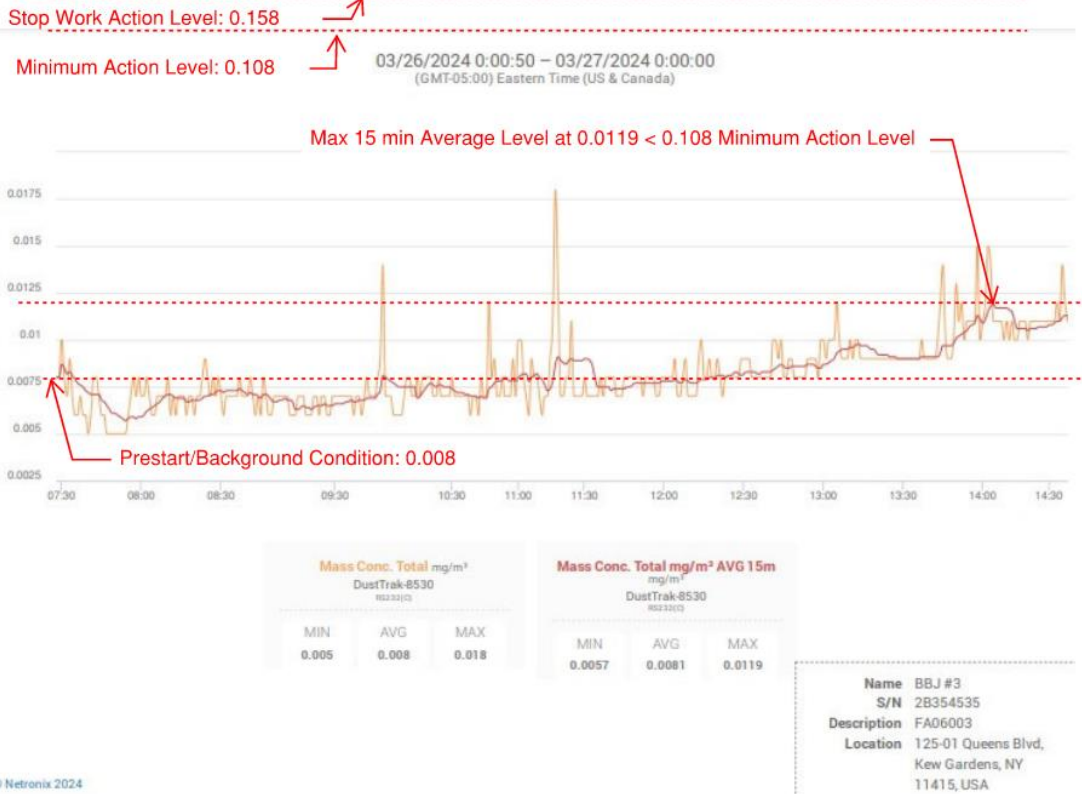


**Site Grading Activity Daily Air Monitoring on March 26, 2024**

**Upwind Station Data Chart (PM<sub>10</sub>)**



**Downwind Station Data Chart (PM<sub>10</sub>)**





**Site Grading Activity Daily Air Monitoring on March 27, 2024**

**Upwind Station Data Chart (PM<sub>10</sub>)**



**Downwind Station Data Chart (PM<sub>10</sub>)**



**Site Grading Activity Daily Air Monitoring on March 29, 2024**

**Upwind Station Data Chart (PM<sub>10</sub>)**

Stop Work Action Level: 0.163

Minimum Action Level: 0.113

03/29/2024 4:26:00 – 03/30/2024 7:26:00  
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m <sup>3</sup> DustTrak-8530 #0223(C)		
MIN	AVG	MAX
0.011	0.016	0.025

Mass Conc. Total mg/m <sup>3</sup> AVG 15m DustTrak-8530 #0223(C)		
MIN	AVG	MAX
0.0114	0.0164	0.0235

Earthmoving activities ended at approximately 13:30. The fixed air monitoring stations were retrieved beginning at approximately 13:45.

Name BBJ Upwind  
S/N 2B354001  
Description FA06004  
Location 82-08 135th St,  
Jamaica, NY 11435,  
USA

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**Downwind Station Data Chart (PM<sub>10</sub>)**

Stop Work Action Level: 0.163

Minimum Action Level: 0.113

03/29/2024 4:31:00 – 03/30/2024 7:31:00  
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m <sup>3</sup> DustTrak-8530 #0223(C)		
MIN	AVG	MAX
0.011	0.017	0.028

Mass Conc. Total mg/m <sup>3</sup> AVG 15m DustTrak-8530 #0223(C)		
MIN	AVG	MAX
0.0121	0.0168	0.0247

Earthmoving activities ended at approximately 13:30. The fixed air monitoring stations were retrieved beginning at approximately 13:45.

Name BBJ #3  
S/N 2B354535  
Description FA06003  
Location 13-24 Hoover Ave, Kew  
Gardens, NY 11415,  
USA

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**Noise Monitoring – Biweekly Follow Up during Dismantle Phase V**

**Noise Monitoring**



Project: DDC Queens Dismantle & Swing Space

Date: 3-4-2024 Monday Weather: 49°F Cloudy.

Work Activities: Remove DA scaffold & DA stucco prep.

Prepared by: Yuo

NO.	Location	Time	Noise (dBA)	Noise Action Threshold (Day/Night)	Note
1	Queens Borough Hall	9:40	61	< 75 dBA	N/A Daytime noise action threshold not exceeded.
2	Southwest corner of DA wing	9:12	62	< 75 dBA	Daytime noise action threshold not exceeded.
3	Corner of 134 <sup>th</sup> ST and Hoover Ave.	10:04	68.1	69 dBA/ <del>68 dBA</del> NA	Daytime noise action threshold not exceeded.
4	200 ft away from Kew Garden Road on 82 <sup>nd</sup> Road			65 dBA/ 55 dBA	
5	Between 82 <sup>nd</sup> road and 83 <sup>rd</sup> Ave on Queens Blvd			68 dBA/ 67 dBA	
Corrective Action: <u>N/A</u>					

**Noise Monitoring**



Project: DDC Queens Dismantle & Swing Space

Date: 3-15-2024 Fri Weather: Sunny 68°F

Work Activities: site grading & stucco on DA wall.

Prepared by: Yuo

NO.	Location	Time	Noise (dBA)	Noise Action Threshold (Day/Night)	Note
1	Queens Borough Hall	9:37	62	< 75 dBA	Daytime noise action threshold not exceeded.
2	Southwest corner of DA wing	9:13	63	< 75 dBA	Daytime noise action threshold not exceeded.
3	Corner of 134 <sup>th</sup> ST and Hoover Ave.	10:02	67	69 dBA/ <del>68 dBA</del> NA	Daytime noise action threshold not exceeded.
4	200 ft away from Kew Garden Road on 82 <sup>nd</sup> Road	10:25	64	65 dBA/ <del>55 dBA</del> NA	Daytime noise action threshold not exceeded.
5	Between 82 <sup>nd</sup> road and 83 <sup>rd</sup> Ave on Queens Blvd	10:48	67.2	68 dBA/ <del>67 dBA</del> NA	Daytime noise action threshold not exceeded.
Corrective Action: <u>N/A</u>					



**Noise Monitoring**



Project: DDC Queens Dismantle & Swing Space

Date: 3-19-2024 Tues Weather: 40°F Sunny

Work Activities: Site grading on QDC

Prepared by: Yao

NO.	Location	Time	Noise (dBA)	Noise Action Threshold (Day/Night)	Note
1	Queens Borough Hall	9:37	61	< 75 dBA	Daytime noise action threshold not exceeded.
2	Southwest corner of DA wing	9:13	63	< 75 dBA	Daytime noise action threshold not exceeded.
3	Corner of 134 <sup>th</sup> ST and Hoover Ave.	10:50	68.2	69 dBA/ <del>68 dBA</del> -NA	Daytime noise action threshold not exceeded.
4	200 ft away from Kew Garden Road on 82 <sup>nd</sup> Road	10:03	64	65 dBA/ <del>55 dBA</del> -NA	Daytime noise action threshold not exceeded.
5	Between 82 <sup>nd</sup> road and 83 <sup>rd</sup> Ave on Queens Blvd	10:27	67.1	68 dBA/ <del>67 dBA</del> -NA	Daytime noise action threshold not exceeded.

Corrective Action: N/A

**Noise Monitoring**



Project: DDC Queens Dismantle & Swing Space

Date: 3-29-2024 Friday Weather: Sunny 50°F

Work Activities: Site grading

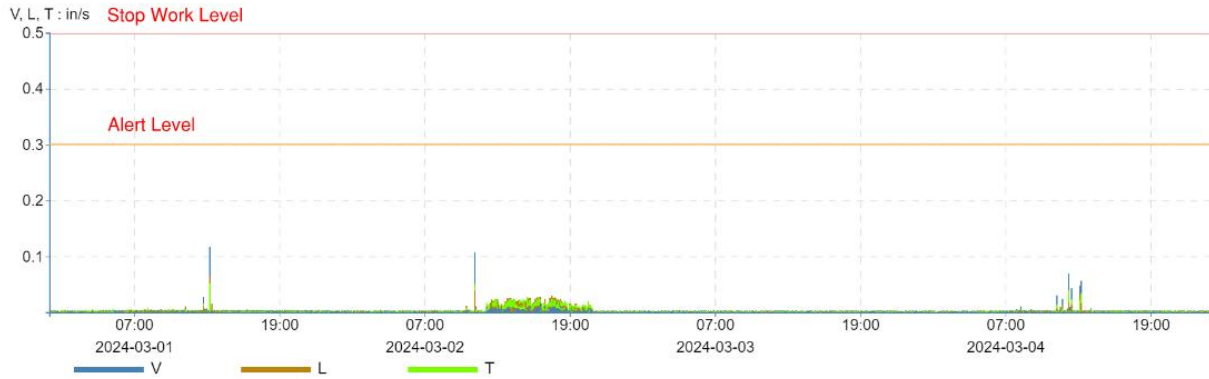
Prepared by: Yao

NO.	Location	Time	Noise (dBA)	Noise Action Threshold (Day/Night)	Note
1	Queens Borough Hall	9:46	61	< 75 dBA	Daytime noise action threshold not exceeded.
2	Southwest corner of DA wing	9:23	64	< 75 dBA	Daytime noise action threshold not exceeded.
3	Corner of 134 <sup>th</sup> ST and Hoover Ave.	10:10	68	69 dBA/ <del>68 dBA</del> -NA	Daytime noise action threshold not exceeded.
4	200 ft away from Kew Garden Road on 82 <sup>nd</sup> Road	10:33	64.1	65 dBA/ <del>55 dBA</del> -NA	Daytime noise action threshold not exceeded.
5	Between 82 <sup>nd</sup> road and 83 <sup>rd</sup> Ave on Queens Blvd	10:55	67.3	68 dBA/ <del>67 dBA</del> -NA	Daytime noise action threshold not exceeded.

Corrective Action: N/A

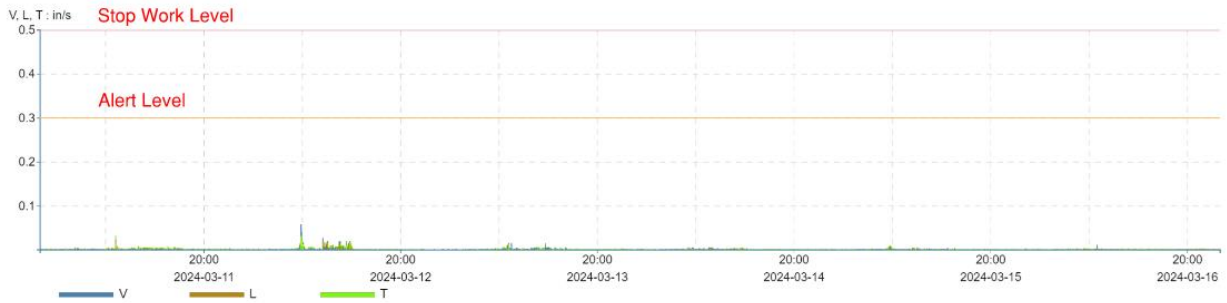
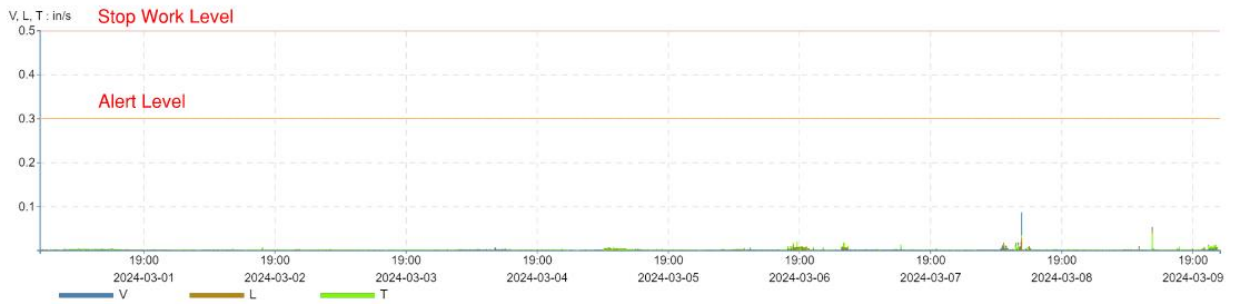
**Vibration Monitor – VM1 March 2024**

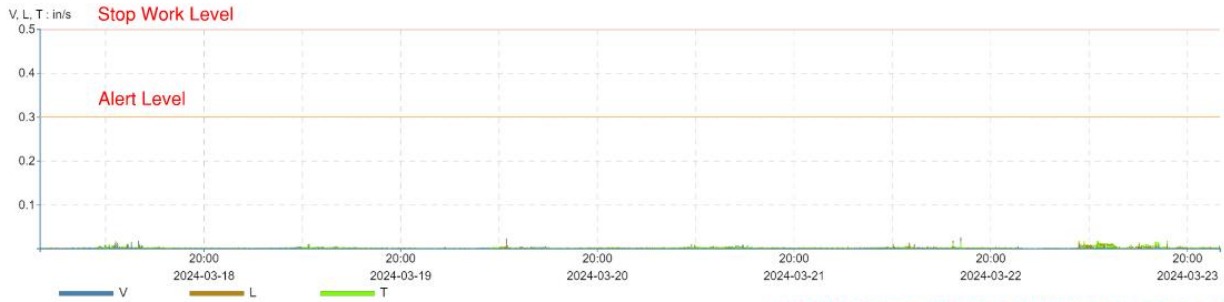
*FAMILY JUSTICE CENTER – NORTHEAST CORNER*



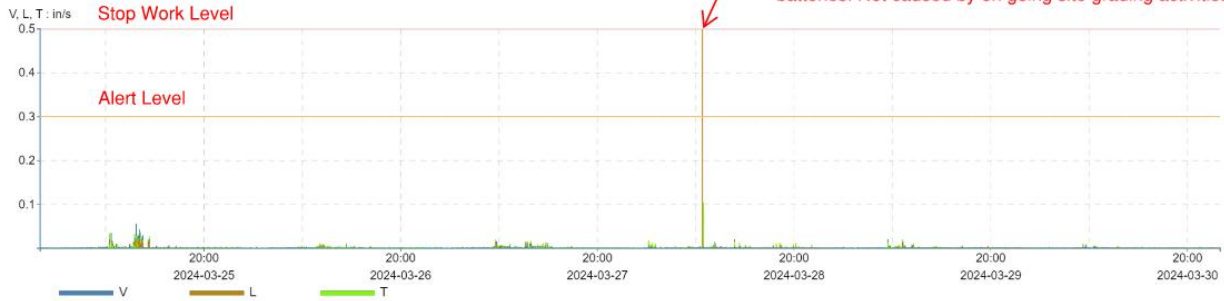
**Vibration Monitor – VM2 March 2024**

*DA WING – NORTHWEST CORNER*





2024-03-28 approx. 8:30 am AKRF picked up the monitor and changed the batteries. This exceedance was caused by a direct contact by AKRF staff when changing batteries. Not caused by on going site grading activities.



**Vibration Monitor – VM3 March 2024**

*ANNEX – BASEMENT FIRE PUMP ROOM*

