

AIR, NOISE AND VIBRATION MONTHLY MONITORING REPORT

Prepared By:
Hajeong Lim (HRCG)

DDC Project No.: BBJ Q DSS		Period Start: 11/01/23 End 11/30/23	
DDC Pin No.: 8502020CR0046P			
Project Name: NYC Borough Based Jails System - Queens Dismantle and Swing Space			
1) Community Air Monitoring Monthly Status Summary			
TWA – Time Weighted Average mg/m ³ - 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 ³ 15 minute TWA)	Comments
23	22	None	Daily air monitoring was conducted by AKRF except 11/4 Saturday. Only a quarter number of labor was scheduled on 11/4/ Saturday for dropping the Hoist and debris clean up.
Community Air Monitoring Monthly Excursions and Corrective Actions			
Action Concentration = 0.100 mg/m ³ 15 minute TWA above background concentration*			
Stop Work Concentration = 0.150 mg/m ³ 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 ³)	Maximum Dust Reading After Corrective Action 15 Minute TWA (mg/m ³)	Corrective Action
N/A	N/A	N/A	N/A
Narrative Summary of Air Monitoring, Excursions and Corrective Actions:			
<p><i>In November 2023, construction-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 contractor, Hunter Roberts Construction Group, in conjunction with the contractor'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
23	3	None	According to the monitoring plan for the site, the number of days performing noise monitoring (3) is above 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
N/A	N/A	N/A	N/A	N/A	N/A

Narrative Summary of Noise Monitoring, Excursions and Corrective Actions:

Throughout November 2023, noise levels remained below the set thresholds at all five locations. Construction-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.

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
24	24	2	

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
Nov 6 12:03 pm at VM1 by Family Justice Center	1.23	< 30 sec	< 0.009	N/A. This was during lunch time and there was no work. The exceedance lasted for less than 30 seconds and were preceded and followed by a PPV less than 0.009 in/sec each time. Consequently, the event was likely the result of direct contact with the transducer by small animals on site rather than vibrations in the structure.

Nov 14 1:05 pm at VM1 by Family Justice Center	1.09	< 30 sec	< 0.009	N/A. There was no work at VM1 location by Family Justice Center on this day. The exceedance lasted for less than 30 seconds and were preceded and followed by a PPV less than 0.009 in/sec each time. Consequently, the event was likely the result of direct contact with the transducer by small animals on site rather than vibrations in the structure.

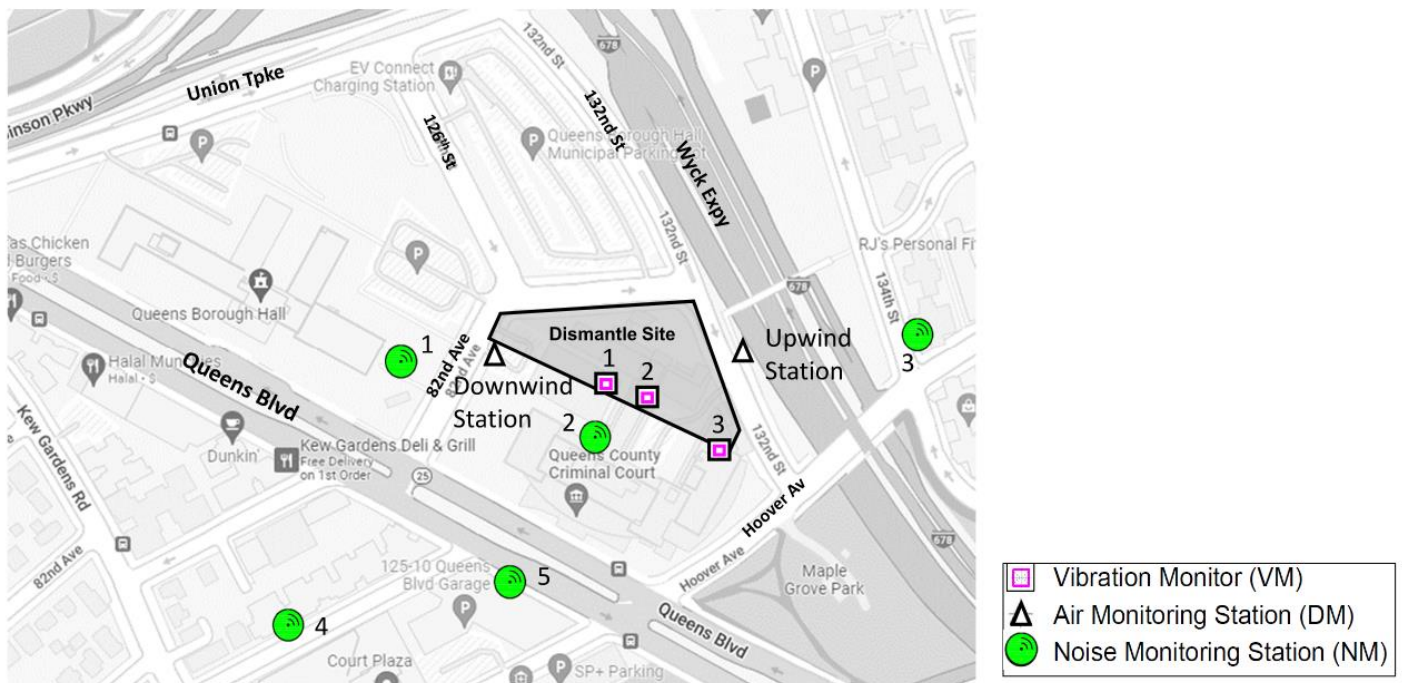
Narrative Summary of Vibration Monitoring, Excursions and Corrective Actions:

During the Month of November 2023, 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), except 11/06 and 11/14 when the vibration monitoring equipment #1 by Family Justice Center was contacted by small animals on site.

ATTACHMENTS:

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

Environmental Monitoring Queens



Noise Threshold Limits in dBA – Baseline Survey April 2022

Construction Noise Threshold Limits in dBA

Location	Daytime Leq	Nighttime Leq
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

Dismantle Activity Daily Air Monitoring on November 01, 2023

Upwind Station Data Charts (PM₁₀)



Mass Conc. Total mg/m³ DustTrak-8530 R5232(C)		
MIN	AVG	MAX
0.011	0.018	0.118

Mass Conc. Total mg/m³ AVG 15m mg/m³ DustTrak-8530 R5232(C)		
MIN	AVG	MAX
0.0119	0.0194	0.0685

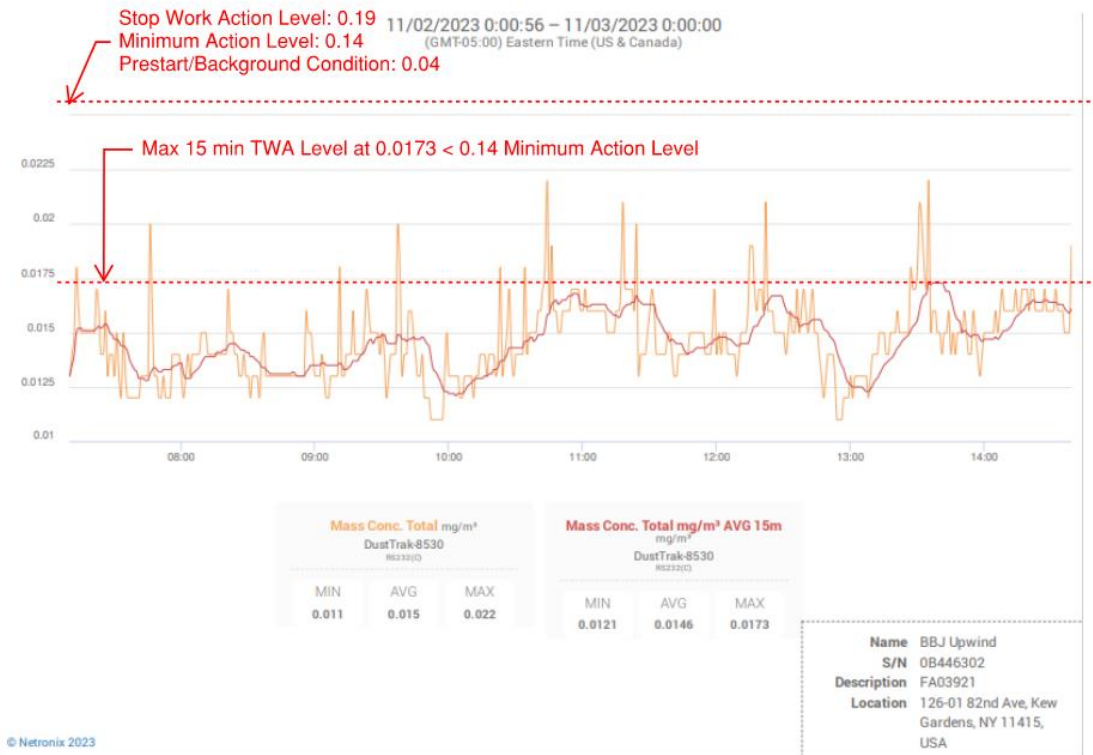
Name BBJ Upwind
S/N 0B446302
Description FA03921
Location 8185 126th St, Kew
Gardens, NY 11415,
USA

Downwind Station Data Charts (PM₁₀)

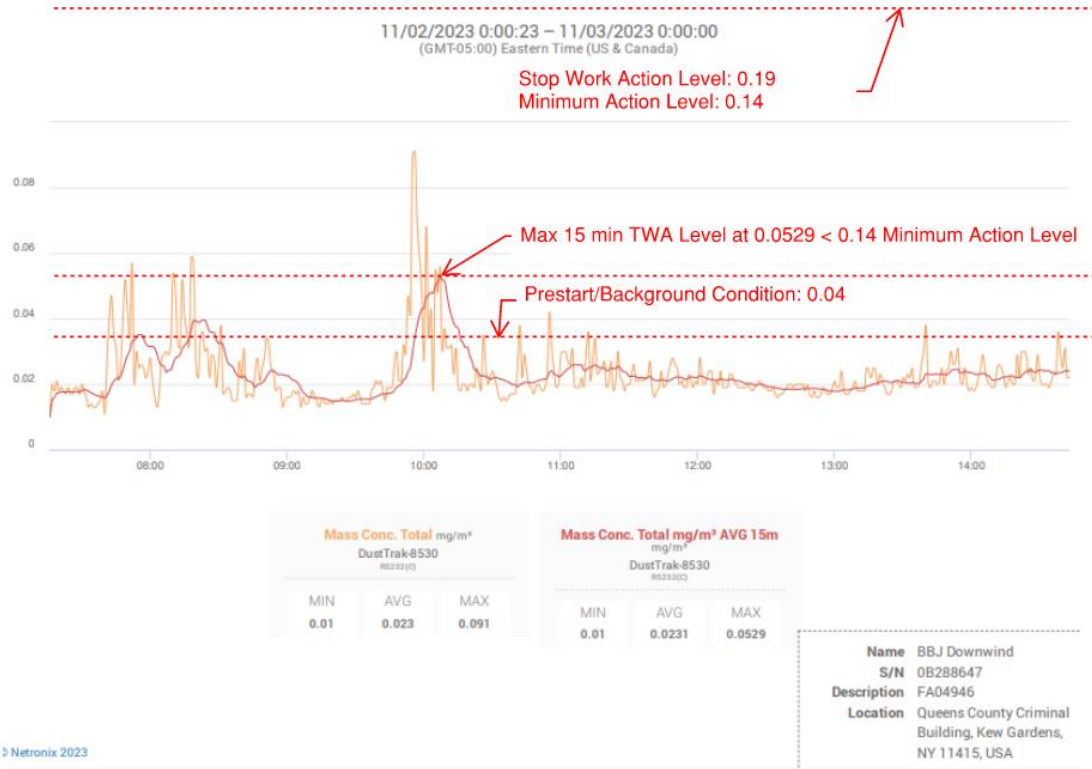


Dismantle Activity Air Daily Monitoring on November 02, 2023

Upwind Station Data Charts (PM₁₀)

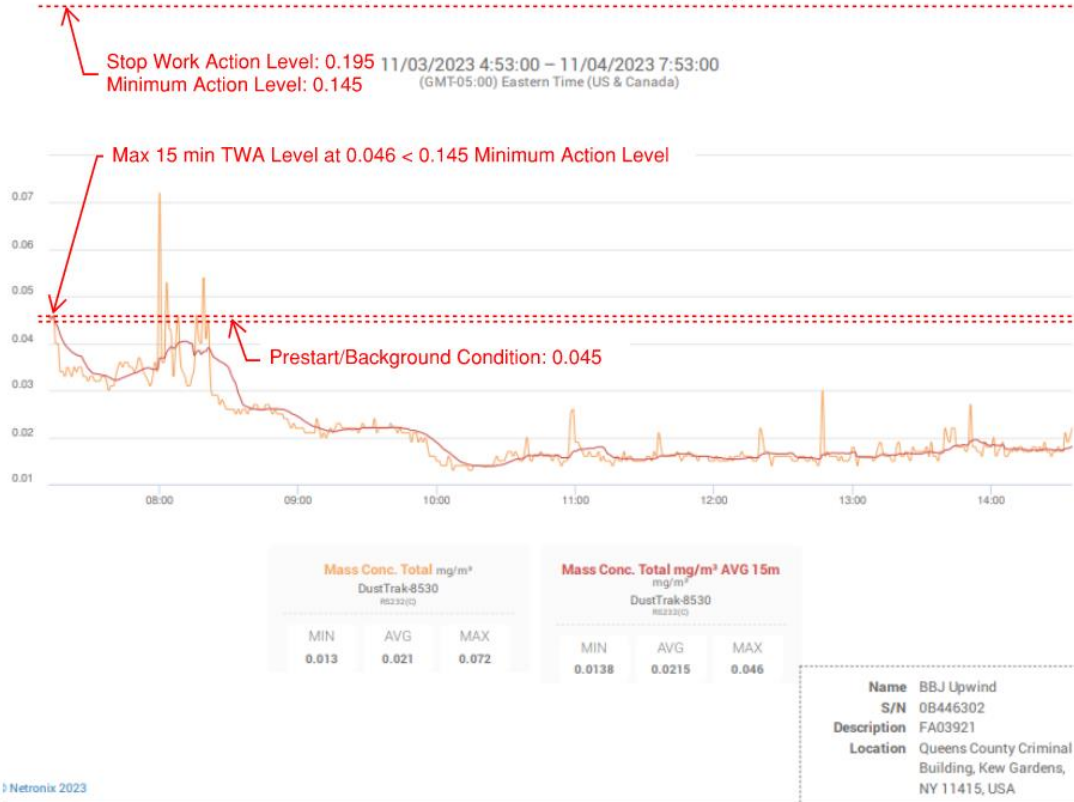


Downwind Station Data Charts (PM₁₀)



Dismantle Activity Daily Air Monitoring on November 03, 2023

Upwind Station Data Charts (PM₁₀)



Downwind Station Data Charts (PM₁₀)

11/03/2023 4:42:00 – 11/04/2023 7:42:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m ³ DustTrak-8530 R62310(C)			Mass Conc. Total mg/m ³ AVG 15m mg/m ³ DustTrak-8530 R62310(C)		
MIN	AVG	MAX	MIN	AVG	MAX
0.015	0.024	0.119	0.0172	0.0239	0.0515

Name BBJ Downwind
S/N 08288647
Description FA04946
Location 126-01 82nd Ave, Kew
Gardens, NY 11415,
USA

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Dismantle Activity Daily Air Monitoring on November 06, 2023

Upwind Station Data Charts (PM₁₀)

11/06/2023 0:00:53 – 11/07/2023 0:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m ³ DustTrak-8530 R62310(C)			Mass Conc. Total mg/m ³ AVG 15m mg/m ³ DustTrak-8530 R62310(C)		
MIN	AVG	MAX	MIN	AVG	MAX
0.013	0.024	0.054	0.0145	0.0235	0.0343

Name BBJ Upwind
S/N 08446302
Description FA03921
Location Queens Blvd/82 Av,
Queens, NY 11415, USA

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Downwind Station Data Charts (PM₁₀)

11/06/2023 0:00:32 – 11/07/2023 0:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m ³ DustTrak-8530 RS232(C)			Mass Conc. Total mg/m ³ AVG 15m mg/m ³ DustTrak-8530 RS232(C)		
MIN	AVG	MAX	MIN	AVG	MAX
0.011	0.023	0.071	0.011	0.0228	0.0313

Name BBJ Downwind
S/N 0B288647
Description FA04946
Location Queens County Criminal
Building, Kew Gardens,
NY 11415, USA

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Dismantle Activity Daily Air Monitoring on November 07, 2023

Upwind Station Data Charts (PM₁₀)

Stop Work Action Level: 0.229
Minimum Action Level: 0.179
Prestart/Background Condition: 0.079

11/07/2023 0:00:00 – 11/08/2023 0:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m ³ DustTrak-8530 RS232(C)			Mass Conc. Total mg/m ³ AVG 15m mg/m ³ DustTrak-8530 RS232(C)		
MIN	AVG	MAX	MIN	AVG	MAX
0.052	0.056	0.063	0.0527	0.0564	0.06

Name BBJ Upwind
S/N 0B446302
Description FA03921
Location 126-01 82nd Ave, Kew
Gardens, NY 11415,
USA

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Downwind Station Data Charts (PM₁₀)

11/07/2023 0:00:00 – 11/08/2023 0:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m ³			Mass Conc. Total mg/m ³ AVG 15m		
DustTrak-8530			DustTrak-8530		
#5222(G)			#5222(G)		
MIN	AVG	MAX	MIN	AVG	MAX
0.047	0.054	0.082	0.0485	0.0539	0.0659

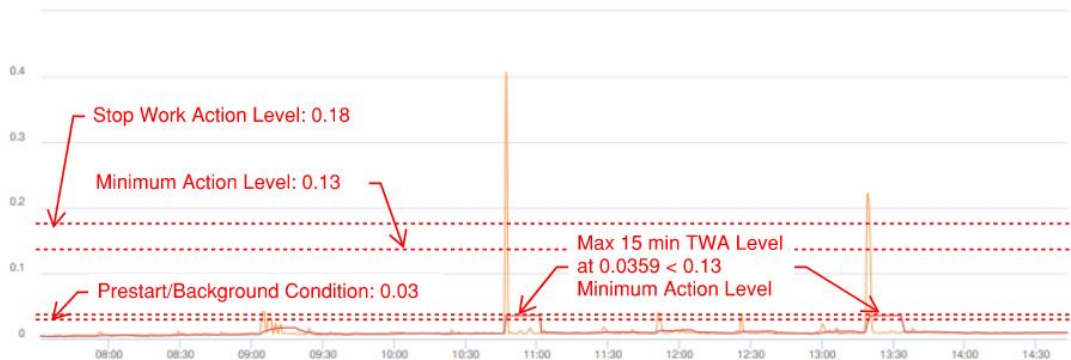
Name BBJ Downwind
S/N 0B288647
Description FA04946
Location Queens County Criminal
Building, Kew Gardens,
NY 11415, USA

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Dismantle Activity Daily Air Monitoring on November 08, 2023

Upwind Station Data Charts (PM₁₀)

Wed, 8th of Nov 2023, 0:00:00 – 14:58:51
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m ³			Mass Conc. Total mg/m ³ AVG 15m		
DustTrak-8530			DustTrak-8530		
#5222(G)			#5222(G)		
MIN	AVG	MAX	MIN	AVG	MAX
0.003	0.011	0.407	0.0037	0.0105	0.0359

Name BBJ Upwind
S/N 0B446302
Description FA03921
Location 8185 126th St, Kew
Gardens, NY 11415,
USA

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Downwind Station Data Charts (PM₁₀)

Wed, 8th of Nov 2023, 0:00:00 – 14:58:12
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ DustTrak-8530 #5232(C)			Mass Conc. Total mg/m³ AVG 15m mg/m³ DustTrak-8530 #5232(C)		
MIN	AVG	MAX	MIN	AVG	MAX
0.003	0.011	0.029	0.004	0.0106	0.0151

Name BBJ Downwind
S/N 0B288647
Description FA04946
Location 13-24 Hoover Ave, Kew
Gardens, NY 11415,
USA

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Dismantle Activity Daily Air Monitoring on November 09, 2023

Upwind Station Data Charts (PM₁₀)

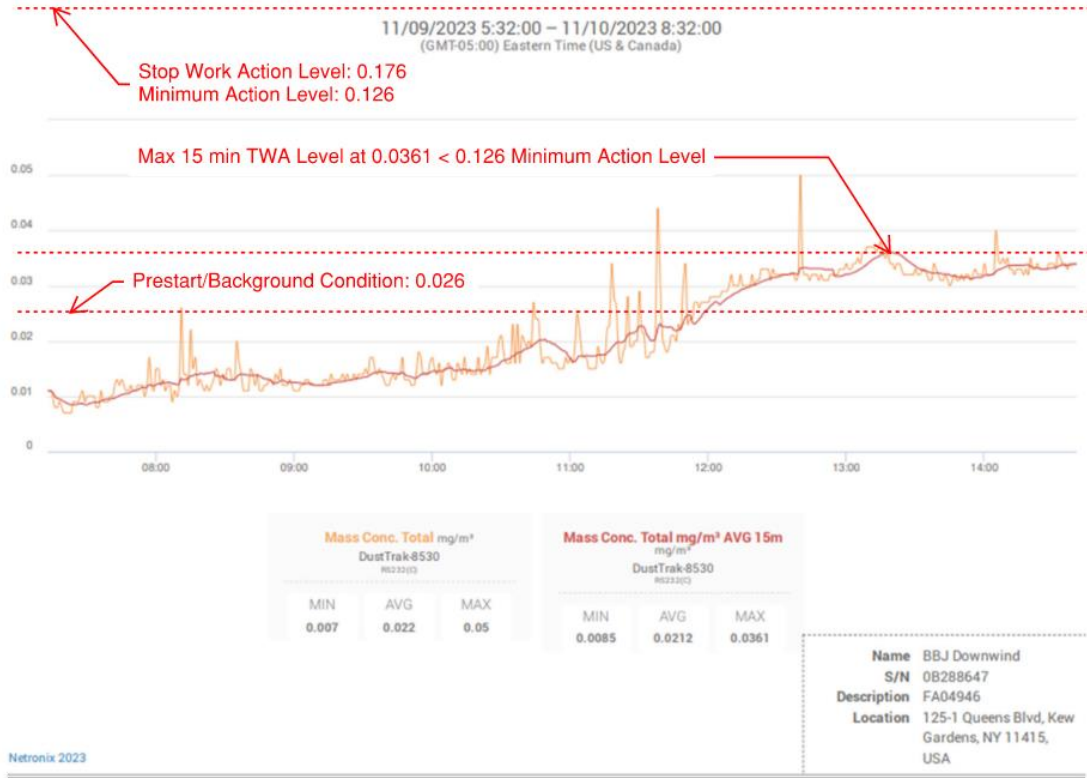


Mass Conc. Total mg/m³ DustTrak-8530 #5232(C)			Mass Conc. Total mg/m³ AVG 15m mg/m³ DustTrak-8530 #5232(C)		
MIN	AVG	MAX	MIN	AVG	MAX
0.008	0.023	0.08	0.009	0.0224	0.0541

Name BBJ Upwind
S/N 0B446302
Description FA03921
Location 8185 126th St, Kew
Gardens, NY 11415,
USA

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Downwind Station Data Charts (PM₁₀)

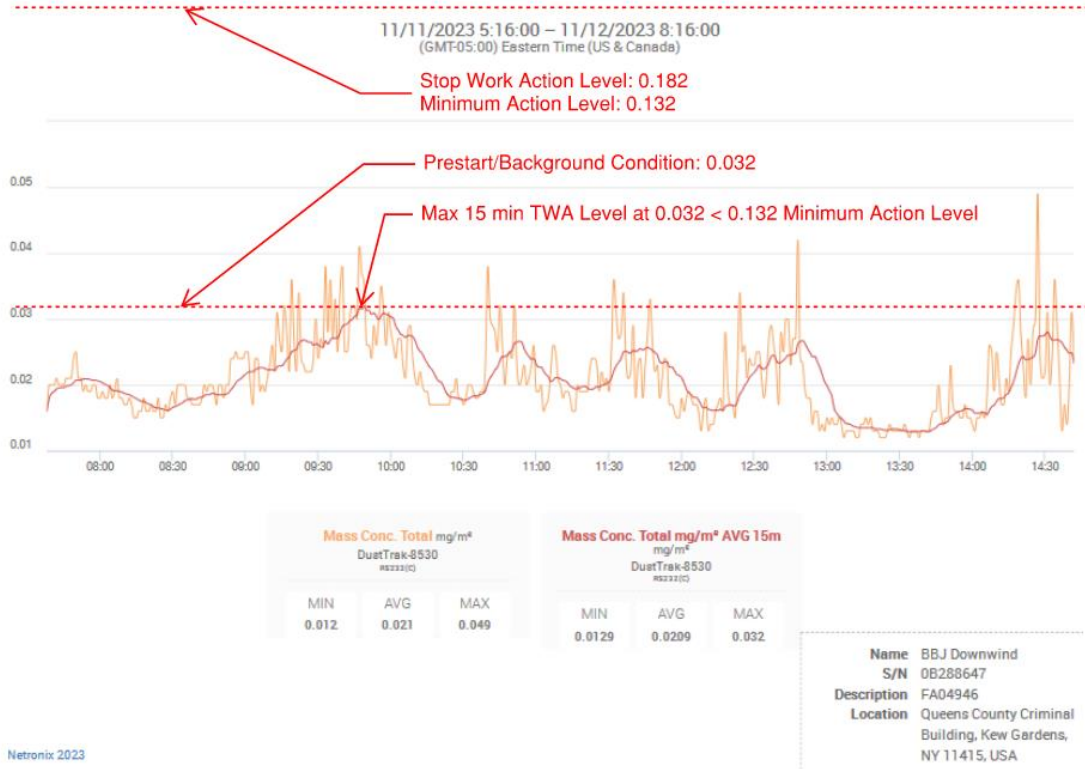


Dismantle Activity Daily Air Monitoring on November 11, 2023

Upwind Station Data Charts (PM₁₀)



Downwind Station Data Charts (PM₁₀)

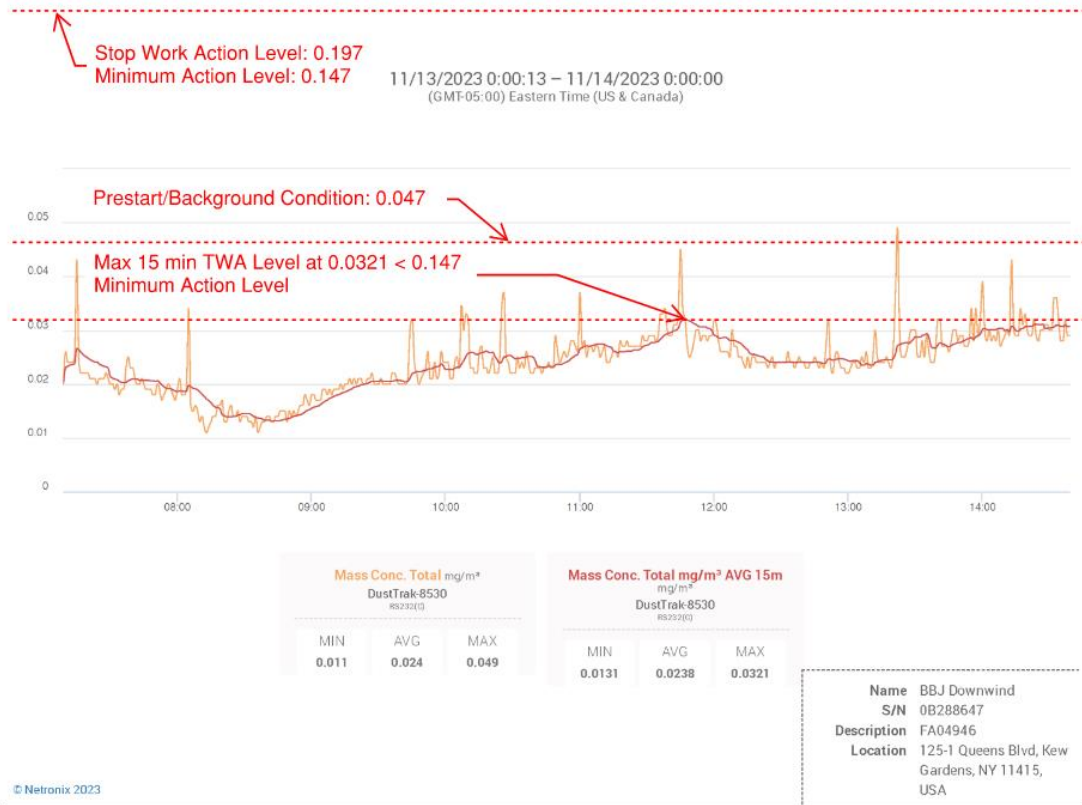


Dismantle Activity Daily Air Monitoring on November 13, 2023

Upwind Station Data Charts (PM₁₀)

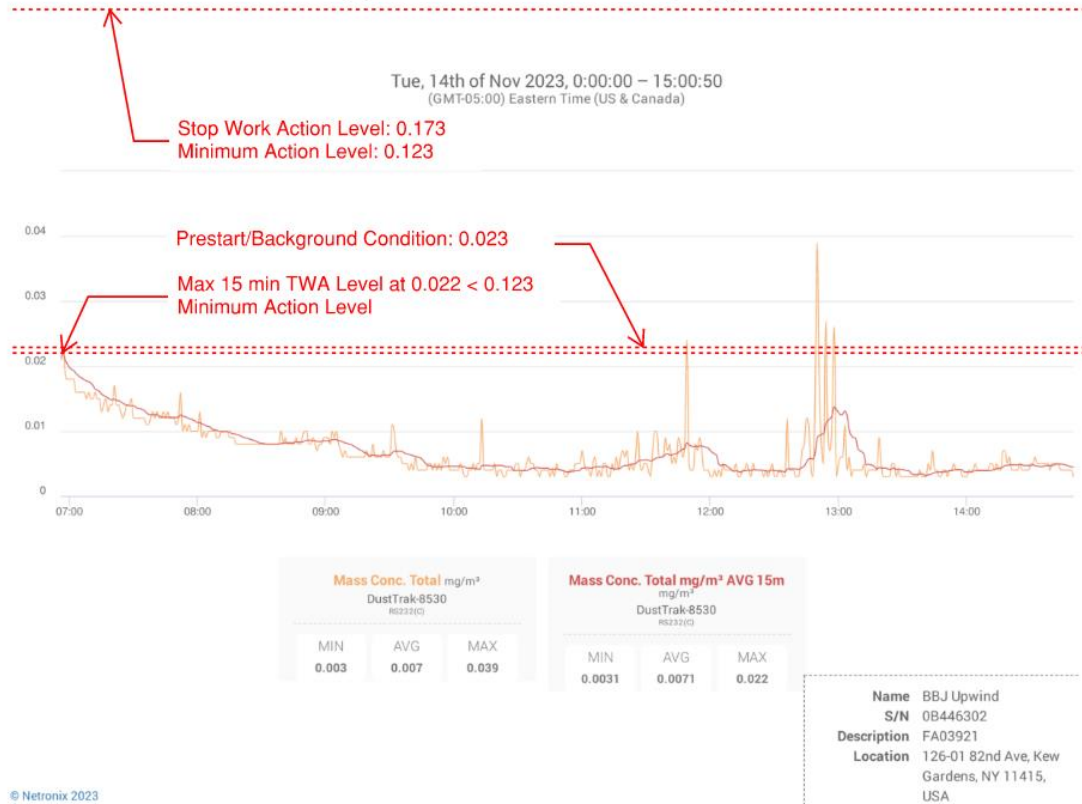


Downwind Station Data Charts (PM₁₀)

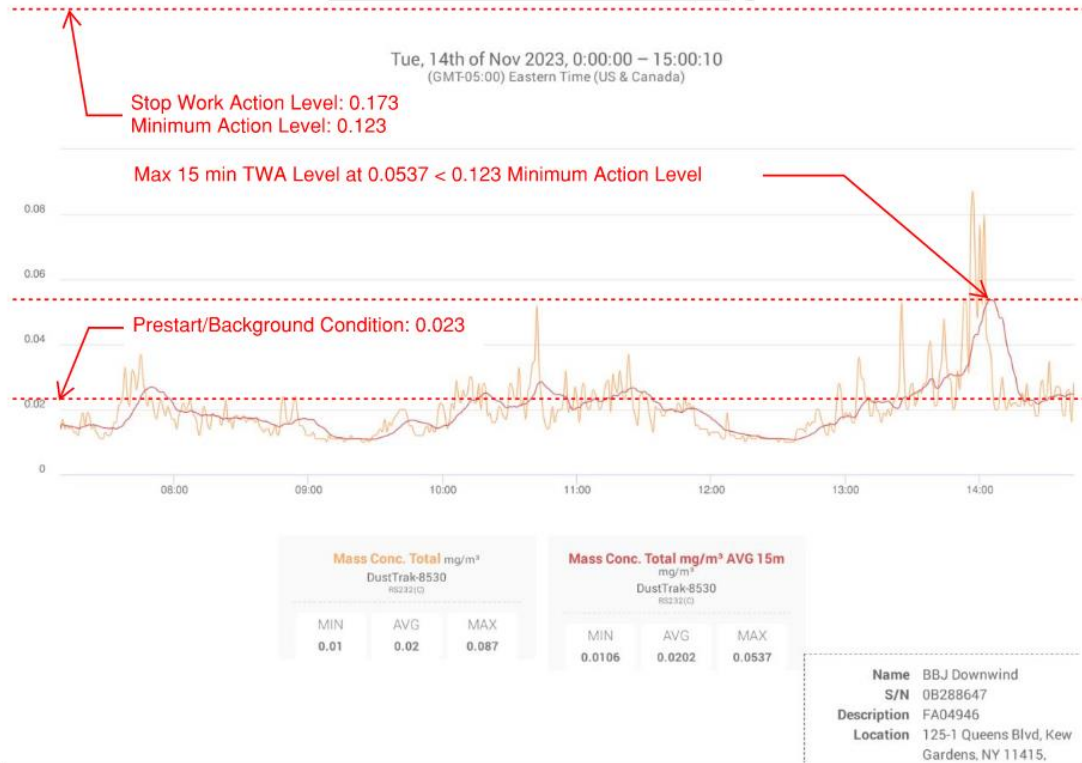


Dismantle Activity Daily Air Monitoring on November 14, 2023

Upwind Station Data Charts (PM₁₀)

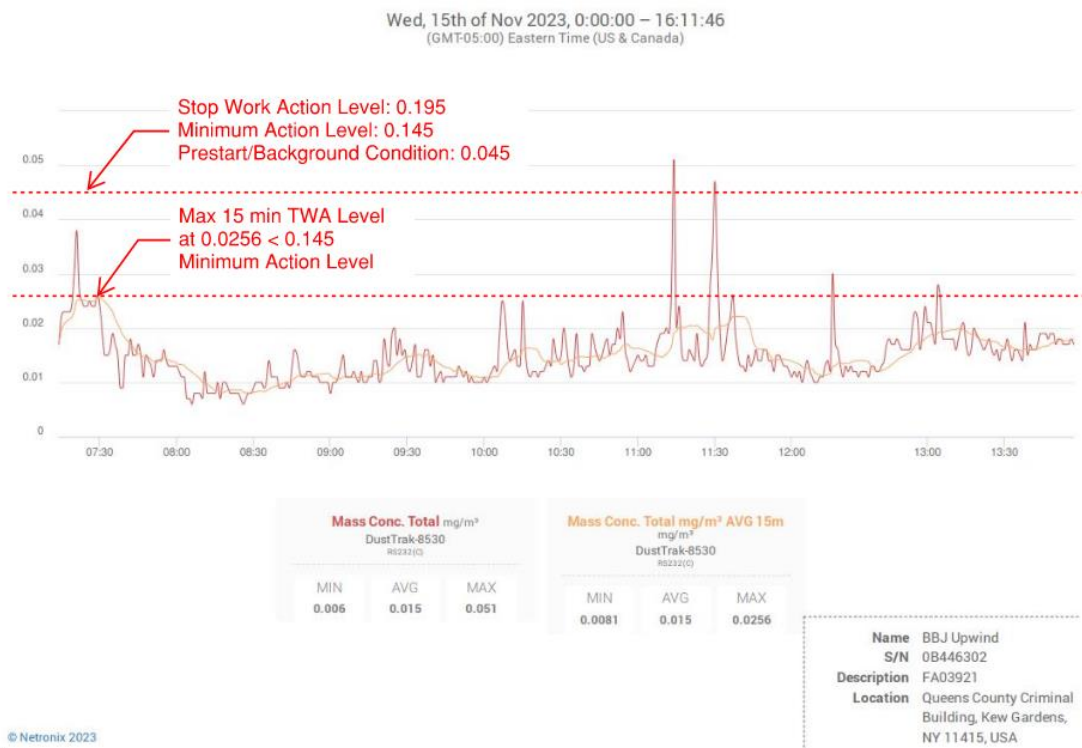


Downwind Station Data Charts (PM₁₀)



Dismantle Activity Daily Air Monitoring on November 15, 2023

Upwind Station Data Charts (PM₁₀)



Downwind Station Data Charts (PM₁₀)

Stop Work Action Level: 0.195
Minimum Action Level: 0.145
Prestart/Background Condition: 0.045

Wed, 15th of Nov 2023, 0:00:00 – 16:12:17
(GMT-05:00) Eastern Time (US & Canada)

Max 15 min TWA Level at 0.0224 < 0.145 Minimum Action Level



Mass Conc. Total mg/m³ DustTrak-8530 RS232(C)			Mass Conc. Total mg/m³ AVG 15m DustTrak-8530 RS232(C)		
MIN	AVG	MAX	MIN	AVG	MAX
0.006	0.015	0.024	0.0075	0.0152	0.0224

Name BBJ Downwind
S/N 0B288647
Description FA04946
Location 13-24 Hoover Ave, Kew
Gardens, NY 11415,
USA

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Dismantle Activity Daily Air Monitoring on November 16, 2023

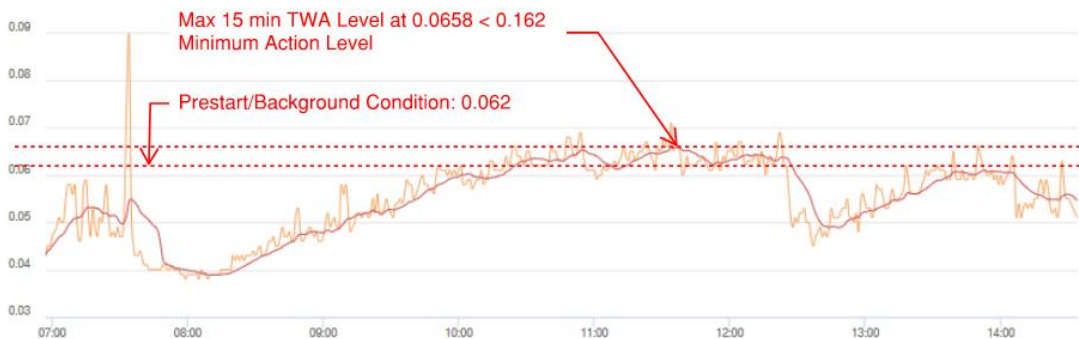
Upwind Station Data Charts (PM₁₀)

11/16/2023 0:00:15 – 11/17/2023 0:00:00
(GMT-05:00) Eastern Time (US & Canada)

Stop Work Action Level: 0.212
Minimum Action Level: 0.162

Max 15 min TWA Level at 0.0658 < 0.162
Minimum Action Level

Prestart/Background Condition: 0.062

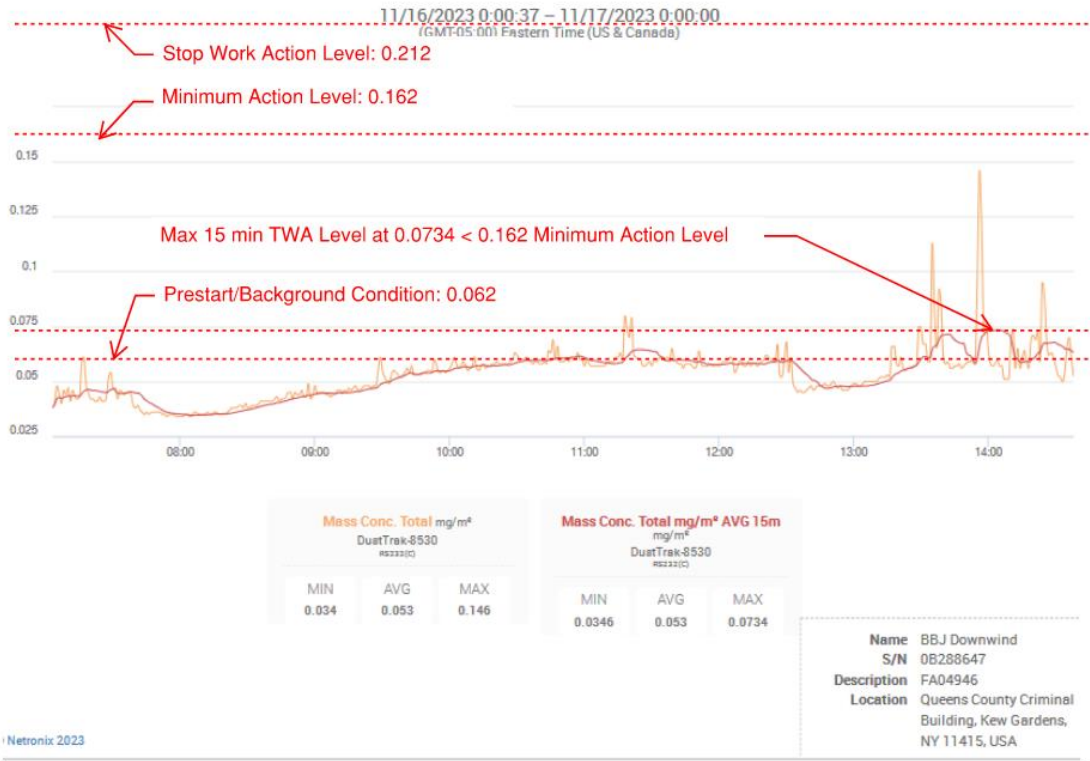


Mass Conc. Total mg/m³ DustTrak-8530 RS232(C)			Mass Conc. Total mg/m³ AVG 15m DustTrak-8530 RS232(C)		
MIN	AVG	MAX	MIN	AVG	MAX
0.038	0.055	0.09	0.0389	0.0552	0.0658

Name BBJ Upwind
S/N 0B446302
Description FA03921
Location 12526 Queens Blvd,
Queens, NY 11415, USA

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Downwind Station Data Charts (PM₁₀)

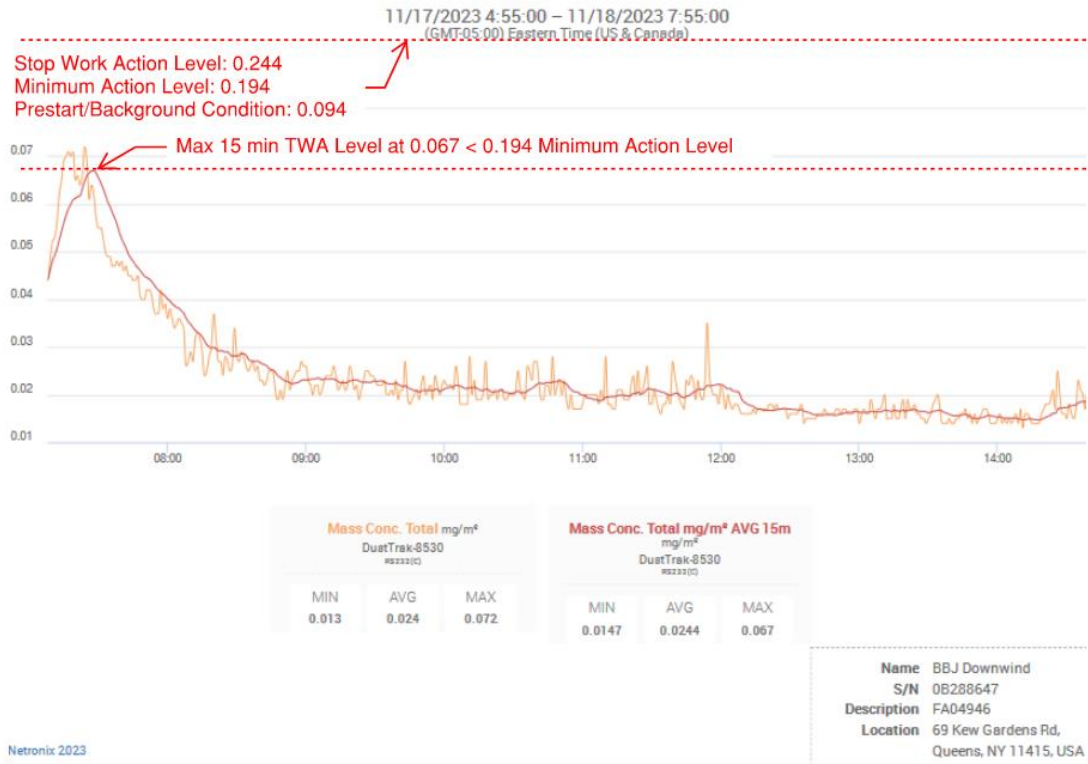


Dismantle Activity Daily Air Monitoring on November 17, 2023

Upwind Station Data Charts (PM₁₀)



Downwind Station Data Charts (PM₁₀)



Dismantle Activity Daily Air Monitoring on November 20, 2023

Upwind Station Data Charts (PM₁₀)

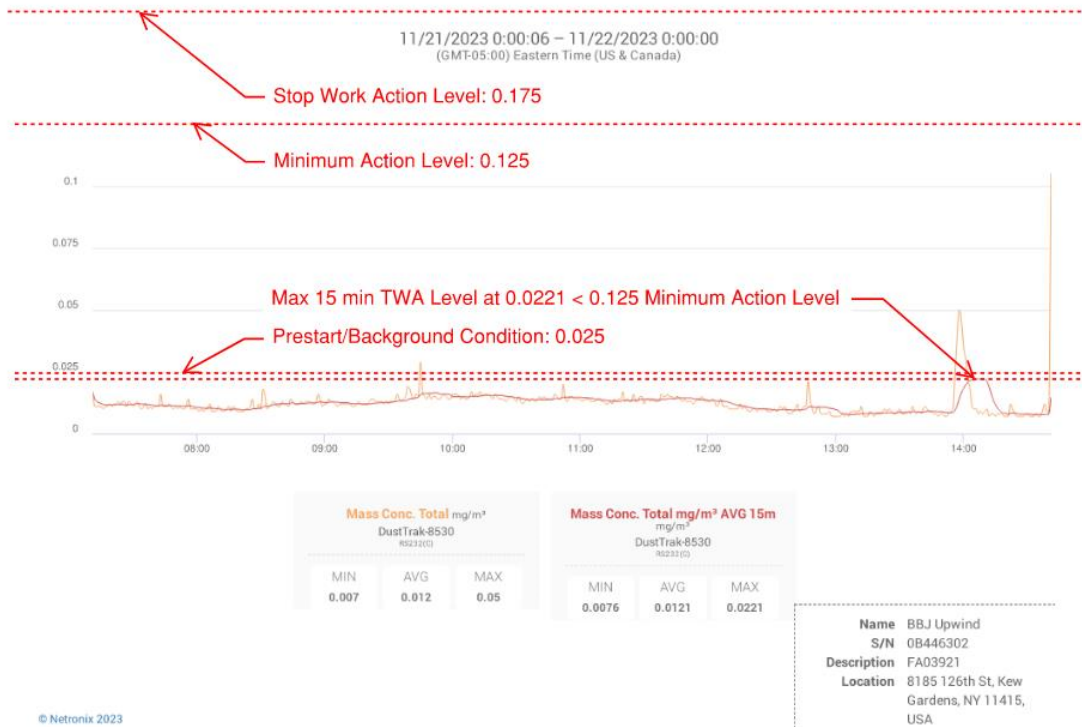


Downwind Station Data Charts (PM₁₀)

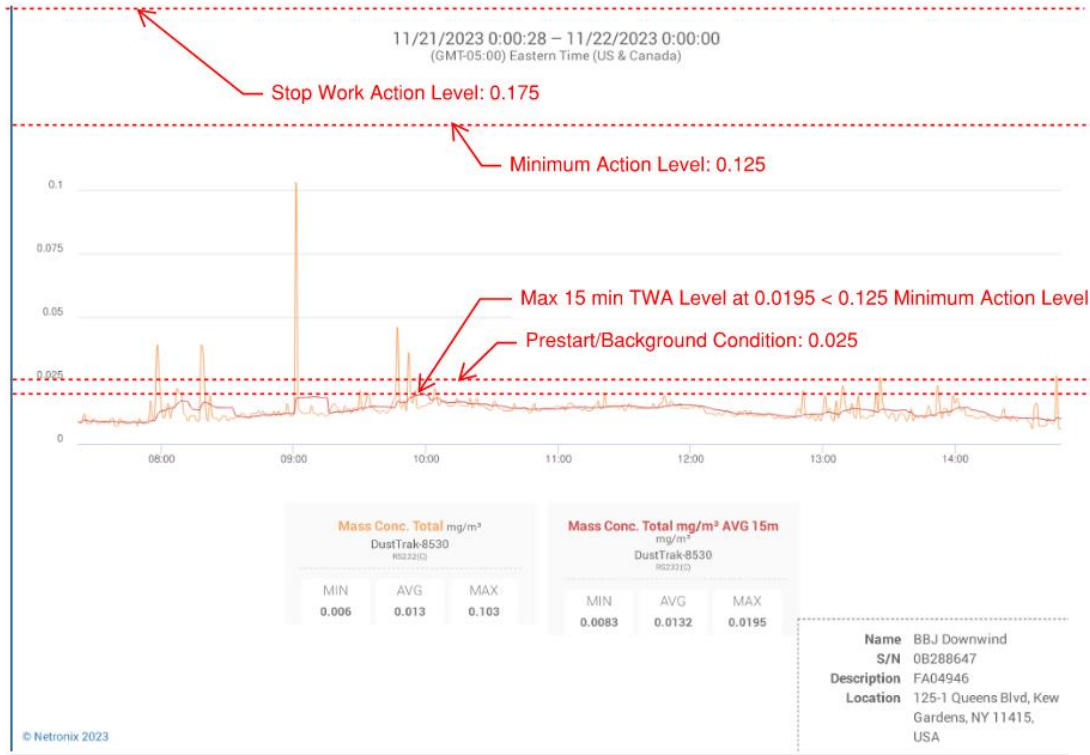


Dismantle Activity Daily Air Monitoring on November 21, 2023

Upwind Station Data Charts (PM₁₀)

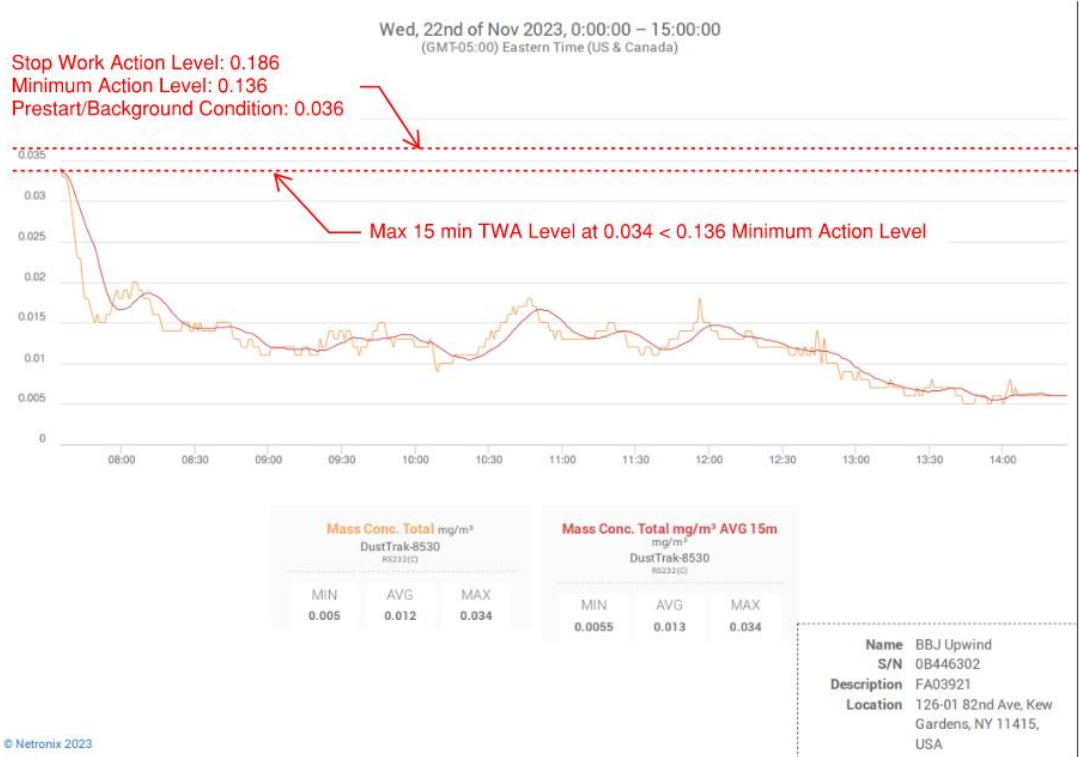


Downwind Station Data Charts (PM₁₀)



Dismantle Activity Daily Air Monitoring on November 22, 2023

Upwind Station Data Charts (PM₁₀)



Downwind Station Data Charts (PM₁₀)

Stop Work Action Level: 0.186

Wed, 22nd of Nov 2023, 7:39:00 – 15:37:00
(GMT-05:00) Eastern Time (US & Canada)

Minimum Action Level: 0.136



Mass Conc. Total mg/m³			Mass Conc. Total mg/m³ AVG 15m		
DustTrak-8530			DustTrak-8530		
RS2232(C)			RS2232(C)		
MIN	AVG	MAX	MIN	AVG	MAX
0.014	0.023	0.09	0.0151	0.0243	0.0942

Name BBJ Downwind
S/N 0B288647
Description FAD4946
Location Queens County Criminal
Building, Kew Gardens,
NY 11415, USA

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Dismantle Activity Daily Air Monitoring on November 24, 2023

Upwind Station Data Charts (PM₁₀)

Stop Work Action Level: 0.198

Minimum Action Level: 0.148

Prestart/Background Condition: 0.048

11/24/2023 0:00:00 – 11/25/2023 0:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³			Mass Conc. Total mg/m³ AVG 15m		
DustTrak-8530			DustTrak-8530		
RS2232(C)			RS2232(C)		
MIN	AVG	MAX	MIN	AVG	MAX
0.011	0.022	0.031	0.0113	0.0219	0.029

Name BBJ Upwind
S/N 0B446302
Description FA03921
Location 125-10 Queens Blvd
#323, Queens, NY
11415, USA

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Downwind Station Data Charts (PM₁₀)

Stop Work Action Level: 0.198

Minimum Action Level: 0.148

11/24/2023 0:00:00 – 11/25/2023 0:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ DustTrak-8530 RS232(C)		
MIN	AVG	MAX
0.023	0.038	0.089

Mass Conc. Total mg/m³ AVG 15m mg/m³ DustTrak-8530 RS232(C)		
MIN	AVG	MAX
0.0244	0.0384	0.0583

Name BBJ Downwind
S/N 0B288647
Description FA04946
Location Queens County Criminal
Building, Kew Gardens,
NY 11415, USA

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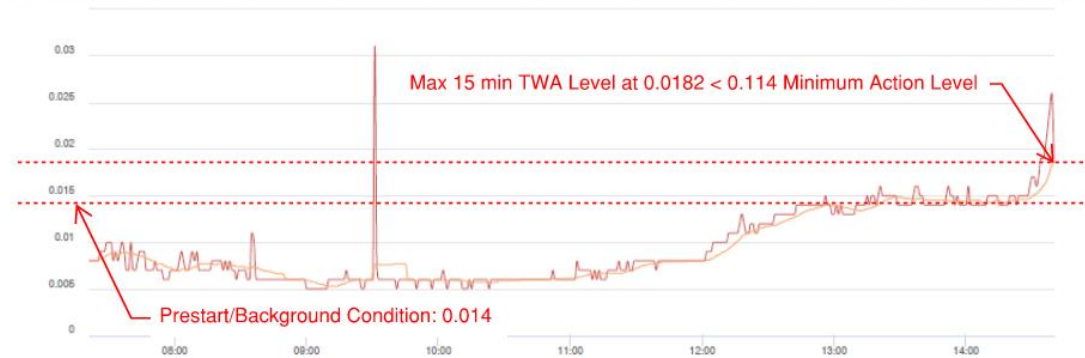
Dismantle Activity Daily Air Monitoring on November 25, 2023

Upwind Station Data Charts (PM₁₀)

Stop Work Action Level: 0.164

Minimum Action Level: 0.114

Sat, 25th of Nov 2023, 5:30:00 – 19:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ DustTrak-8530 RS232(C)		
MIN	AVG	MAX
0.005	0.009	0.031

Mass Conc. Total mg/m³ AVG 15m mg/m³ DustTrak-8530 RS232(C)		
MIN	AVG	MAX
0.0053	0.0092	0.0182

Name BBJ Upwind
S/N 0B446302
Description FA03921
Location Queens Blvd/82 Av,
Queens, NY 11415, USA

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Downwind Station Data Charts (PM₁₀)

Stop Work Action Level: 0.164

Minimum Action Level: 0.114

Sat, 25th of Nov 2023, 5:27:00 – 19:27:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m ³ DustTrak-8530 R0232(C)		
MIN	AVG	MAX
0.007	0.013	0.024

Mass Conc. Total mg/m ³ AVG 15m DustTrak-8530 R0232(C)		
MIN	AVG	MAX
0.0076	0.0127	0.0202

Name BBJ Downwind
S/N 0B288647
Description FA04946
Location Queens County Criminal
Building, Kew Gardens,
NY 11415, USA

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Dismantle Activity Daily Air Monitoring on November 27, 2023

Upwind Station Data Charts (PM₁₀)

Stop Work Action Level: 0.225

Minimum Action Level: 0.175

Prestart/Background Condition: 0.075

11/27/2023 0:00:36 – 11/28/2023 0:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m ³ DustTrak-8530 R0232(C)		
MIN	AVG	MAX
0.007	0.028	0.055

Mass Conc. Total mg/m ³ AVG 15m DustTrak-8530 R0232(C)		
MIN	AVG	MAX
0.008	0.0289	0.053

Name BBJ Upwind
S/N 0B446302
Description FA03921
Location 126-01 82nd Ave, Kew
Gardens, NY 11415,
USA

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Downwind Station Data Charts (PM₁₀)

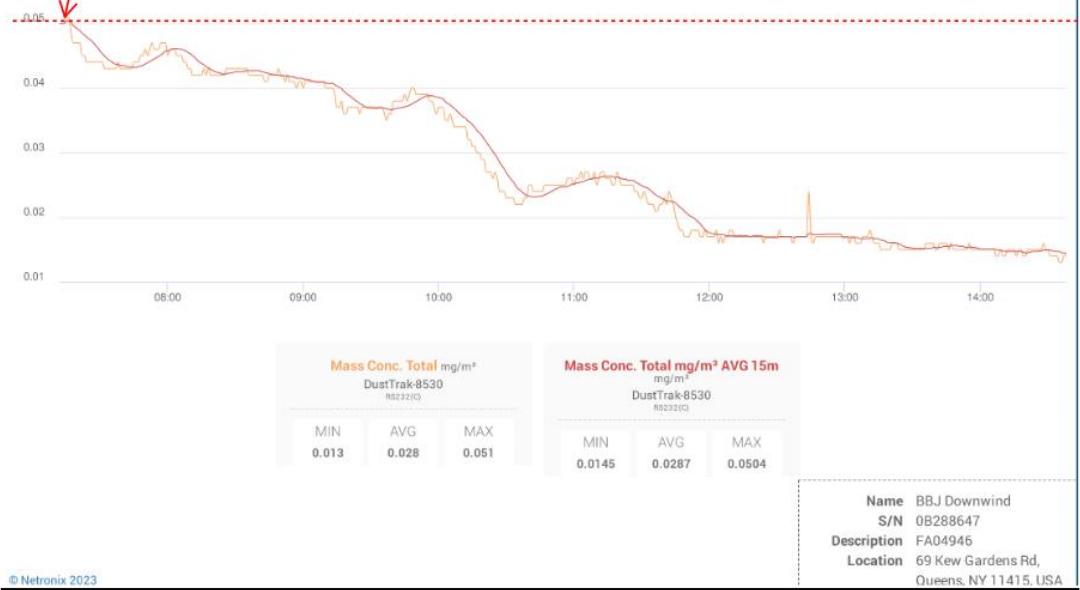
Stop Work Action Level: 0.225

Minimum Action Level: 0.175

Prestart/Background Condition: 0.075

11/27/2023 0:00:33 – 11/28/2023 0:00:00
(GMT-05:00) Eastern Time (US & Canada)

Max 15 min TWA Level at 0.0504 < 0.175 Minimum Action Level



Dismantle Activity Daily Air Monitoring on November 28, 2023

Upwind Station Data Charts (PM₁₀)

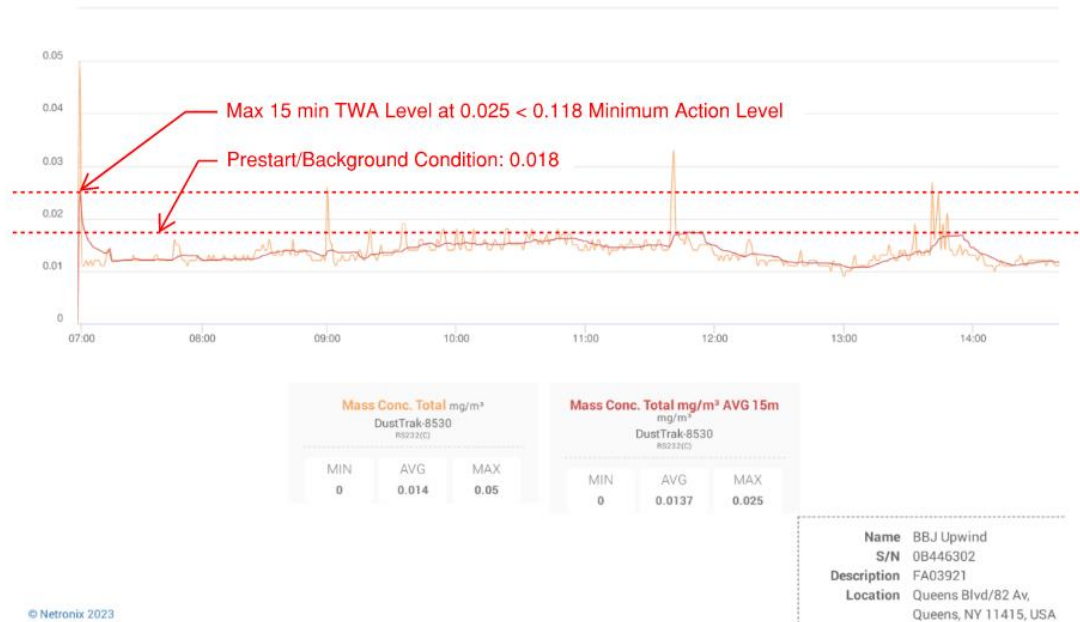
Stop Work Action Level: 0.168

Minimum Action Level: 0.118

11/28/2023 0:00:43 – 11/29/2023 0:00:00
(GMT-05:00) Eastern Time (US & Canada)

Max 15 min TWA Level at 0.025 < 0.118 Minimum Action Level

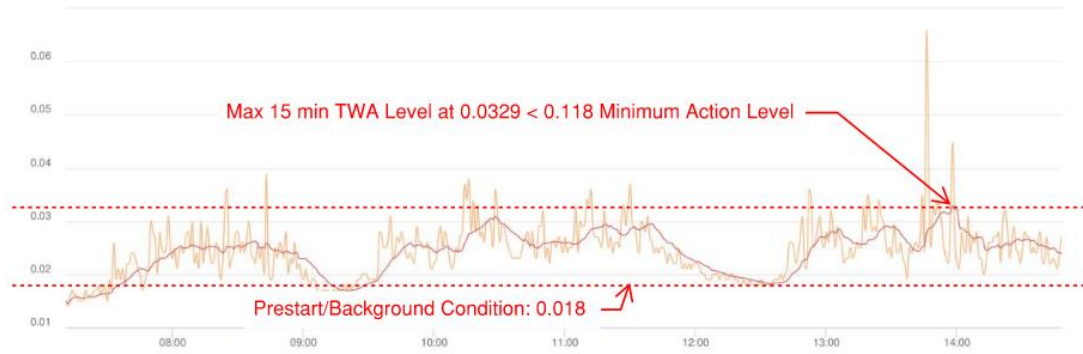
Prestart/Background Condition: 0.018



Downwind Station Data Charts (PM₁₀)

Stop Work Action Level: 0.168
Minimum Action Level: 0.118

11/28/2023 0:00:26 – 11/29/2023 0:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m ³			Mass Conc. Total mg/m ³ AVG 15m		
DustTrak-8530			DustTrak-8530		
R8232(C)			R8232(C)		
MIN	AVG	MAX	MIN	AVG	MAX
0.014	0.024	0.066	0.0145	0.0242	0.0329

Name BBJ Downwind
S/N 0B288647
Description FA04946
Location 13-24 Hoover Ave, Kew
Gardens, NY 11415,
USA

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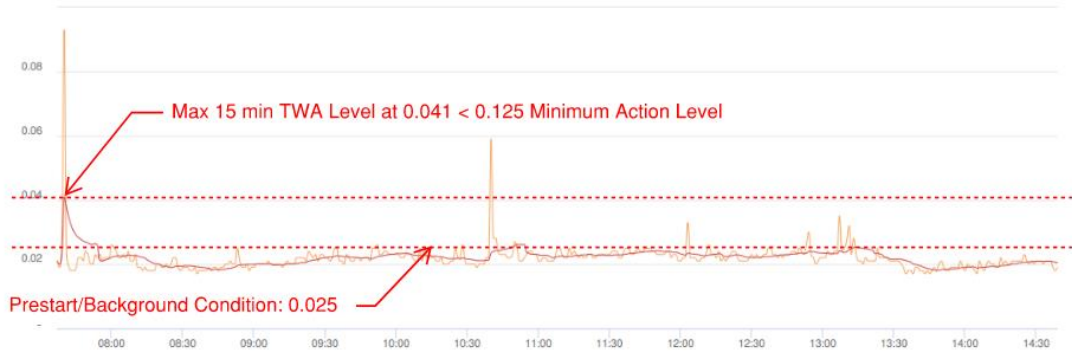
Dismantle Activity Daily Air Monitoring on November 29, 2023

Upwind Station Data Charts (PM₁₀)

Stop Work Action Level: 0.175

Wed, 29th of Nov 2023 0:00:00 – 16:33:01
(GMT-05:00) Eastern Time (US & Canada)

Minimum Action Level: 0.125



Mass Conc. Total mg/m ³			Mass Conc. Total mg/m ³ AVG 15m		
DustTrak-8530			DustTrak-8530		
R8232(C)			R8232(C)		
MIN	AVG	MAX	MIN	AVG	MAX
0.017	0.022	0.093	0.018	0.0221	0.041

Name BBJ Upwind
S/N 0B446302
Description FA03921
Location Queens Blvd/82 Av,
Queens, NY 11415, USA

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Downwind Station Data Charts (PM₁₀)

Stop Work Action Level: 0.175

Wed, 29th of Nov 2023, 0:00:00 – 16:33:43
(GMT+05:00) Eastern Time (US & Canada)

Minimum Action Level: 0.125



Mass Conc. Total mg/m ³ DustTrak-8530 R5232(C)			Mass Conc. Total mg/m ³ AVG 15m mg/m ³ DustTrak-8530 R5232(C)		
MIN	AVG	MAX	MIN	AVG	MAX
0.014	0.024	0.043	0.0153	0.0241	0.034

Name BBJ Downwind
S/N 0B288647
Description FA04946
Location 125-1 Queens Blvd, Kew
Gardens, NY 11415,
USA

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Dismantle Activity Daily Air Monitoring on November 30, 2023

Upwind Station Data Charts (PM₁₀)

Stop Work Action Level: 0.219

Minimum Action Level: 0.169

Prestart/Background Condition: 0.069

11/30/2023 0:00:43 – 12/01/2023 0:00:00
(GMT+05:00) Eastern Time (US & Canada)

Max 15 min TWA Level at 0.0417 < 0.169 Minimum Action Level



Mass Conc. Total mg/m ³ DustTrak-8530 R5232(C)			Mass Conc. Total mg/m ³ AVG 15m mg/m ³ DustTrak-8530 R5232(C)		
MIN	AVG	MAX	MIN	AVG	MAX
0.031	0.037	0.047	0.032	0.037	0.0417

Name BBJ Upwind
S/N 0B446302
Description FA03921
Location Queens Blvd/82 Av,
Queens, NY 11415, USA

Netronix 2023

Downwind Station Data Charts (PM₁₀)

Stop Work Action Level: 0.219
Minimum Action Level: 0.169

11/30/2023 0:00:20 – 12/01/2023 0:00:00
(GMT-05:00) Eastern Time (US & Canada)

Prestart/Background Condition: 0.069

Max 15 min TWA Level at 0.0476 < 0.169 Minimum Action Level



Mass Conc. Total mg/m³			Mass Conc. Total mg/m³ AVG 15m		
DustTrak-8530			DustTrak-8530		
MS222(C)			MS222(C)		
MIN	AVG	MAX	MIN	AVG	MAX
0.026	0.038	0.058	0.0275	0.0374	0.0476

Name BBJ Downwind
S/N 0B288647
Description FA04946
Location 80-9 134th St, Queens,
NY 11435, USA

Netronix 2023

Noise Monitoring – Biweekly Follow Up during Dismantle Phase IV

Project: DDC Queens Dismantle & Swing Space

Date: 11-9-2023 Thur Weather: cloudy

Work Activities: Demo 5th slab

Prepared by: Yans

NO.	Location	Time	Noise (dBA)	Noise Action Threshold (Day/Night)	Note
1	Queens Borough Hall	1:06	67	75 dBA	N/A Daytime noise action threshold not exceeded.
2	Southwest corner of DA wing	12:42	68	75 dBA	N/A Daytime noise action threshold not exceeded.
3	Corner of 134 th ST and Hoover Ave.			69 dBA/ 68 dBA	
4	200 ft away from Kew Garden Road on 82 nd Road			65 dBA/ 55 dBA	
5	Between 82 nd road and 83 rd Ave on Queens Blvd			68 dBA/ 67 dBA	
Corrective Action: <u>N/A</u>					

Project: DDC Queens Dismantle & Swing Space

Date: 11-15-23 Wed Weather: Sunny

Work Activities: Demo 5th floor slab & cut steels

Prepared by: Yao

NO.	Location	Time	Noise (dBA)	Noise Action Threshold (Day/Night)	Note
1	Queens Borough Hall	10:01	70 <	75 dBA	Daytime noise action threshold not exceeded.
2	Southwest corner of DA wing	9:35	69 <	75 dBA	Daytime noise action threshold not exceeded.
3	Corner of 134 th ST and Hoover Ave.	11:10	68 <	69 dBA/ 68 dBA NA	Daytime noise action threshold not exceeded.
4	200 ft away from Kew Garden Road on 82 nd Road	10:48	64 <	65 dBA/ 55 dBA NA	Daytime noise action threshold not exceeded.
5	Between 82 nd road and 83 rd Ave on Queens Blvd	10:25	67 <	68 dBA/ 67 dBA NA	Daytime noise action threshold not exceeded.
Corrective Action: <u>N/A</u>					

Project: DDC Queens Dismantle & Swing Space

Date: 11-29-2023 Wed Weather: Sunny

Work Activities: Demo slab on 4th fl

Prepared by: Yao

NO.	Location	Time	Noise (dBA)	Noise Action Threshold (Day/Night)	Note
1	Queens Borough Hall	9:28	70 <	75 dBA	<u>N/A</u> Daytime noise action threshold not exceeded.
2	Southwest corner of DA wing	9:50	69 <	75 dBA	Daytime noise action threshold not exceeded.
3	Corner of 134 th ST and Hoover Ave.	10:12	68 <	69 dBA/ 68 dBA NA	Daytime noise action threshold not exceeded.
4	200 ft away from Kew Garden Road on 82 nd Road	12:36	64 <	65 dBA/ 55 dBA NA	Daytime noise action threshold not exceeded.
5	Between 82 nd road and 83 rd Ave on Queens Blvd	1:00	66 <	68 dBA/ 67 dBA NA	Daytime noise action threshold not exceeded.
Corrective Action: <u>N/A</u>					

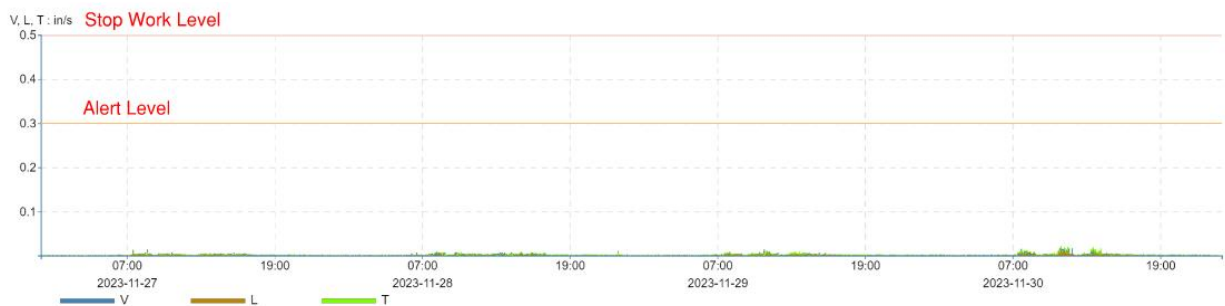
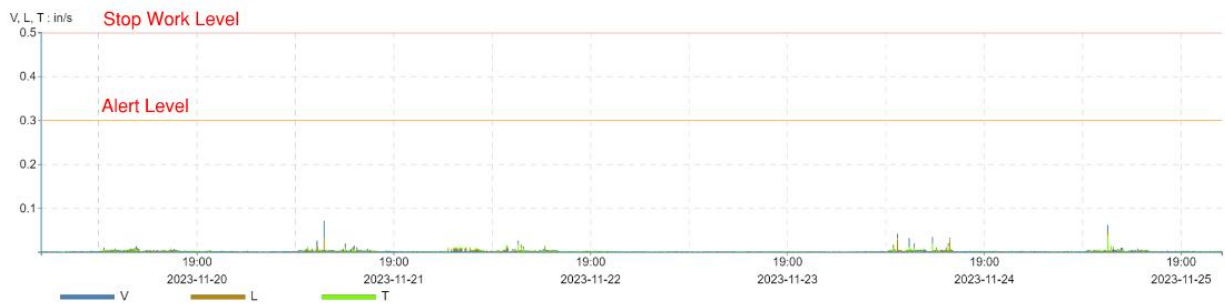
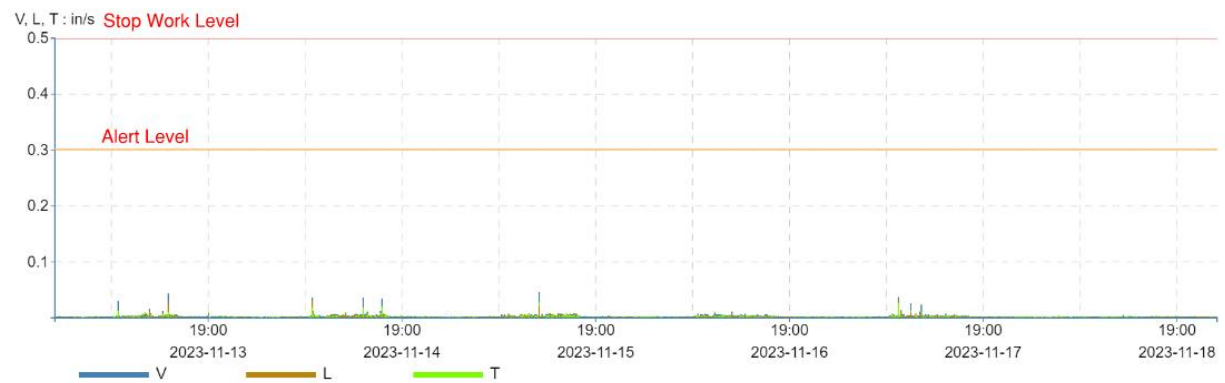
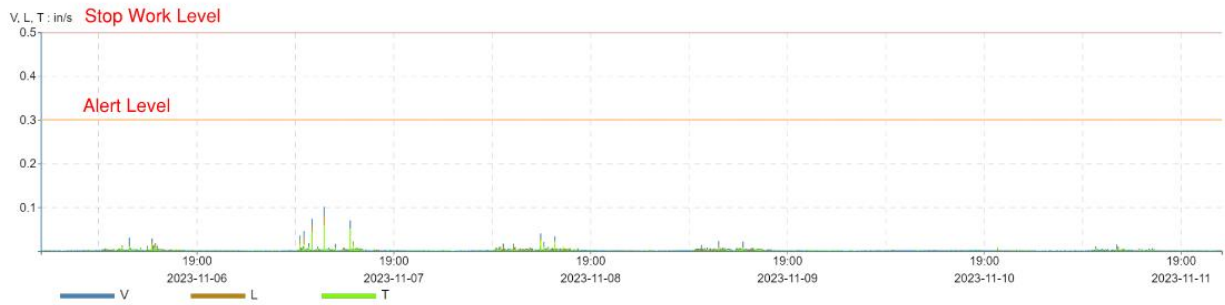
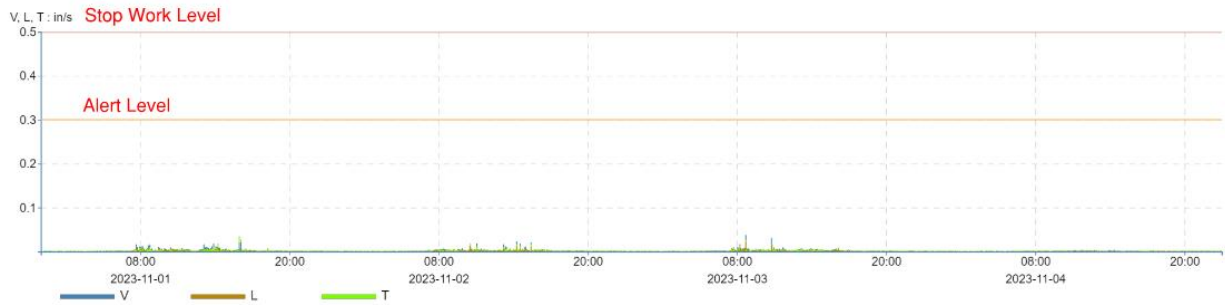
Vibration Monitor – VM1 November 2023

FAMILY JUSTICE CENTER – NORTHEAST CORNER



Vibration Monitor – VM2 November 2023

DA WING – NORTHWEST CORNER



Vibration Monitor – VM3 November 2023

ANNEX – BASEMENT FIRE PUMP ROOM

