

AIR, NOISE AND VIBRATION MONTHLY MONITORING REPORT

Prepared By:
Hajeong Lim (HRCG)

DDC Project No.: BBJ Q DSS			Period Start: 12/01/23 End 12/31/23		
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		
25	22	None	Daily air monitoring was not conducted on two Saturdays when there was only abatement work and no structural dismantle work, and one day when it rained.		
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 December 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 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		

25	8	1	More than required minimum biweekly follow-up noise monitoring for Dismantle Phase IV and minimum five days at the beginning of Dismantle Phase V was conducted in this month.
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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
Dec 11 11:11 am	3	69.1	N/A	69 (Day)	N/A. This exceedance event by 0.1 dBA was caused by traffic noise from Van Wyck Express Way.

Narrative Summary of Noise Monitoring, Excursions and Corrective Actions:

Throughout December 2023, noise levels remained below the set thresholds at all five locations except one event on 12/11 due to traffic noise from Van Wyck Express Way. 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
25	25	3	

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
Dec.19, 9:34 am at VM1 by Family Justice Center	0.507	< 30 sec	< 0.05	N/A. There was no active dismantle work at this time. Scaffold workers were removing scaffold around the Queens Detention Center near the Family Justice Center. The exceedance lasted for less than 30 seconds and were preceded and followed by a PPV less than 0.05 in/sec each time. Consequently, the event was likely the result of direct contact with the transducer on site rather than vibrations in the structure.

Dec 26 around 10:00 am at VM1 by Family Justice Center	> 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 dismantle activities.
Dec 26 around 10:00 am at VM2 by DA Wing	> 0.5	< 30 sec	< 0.01	

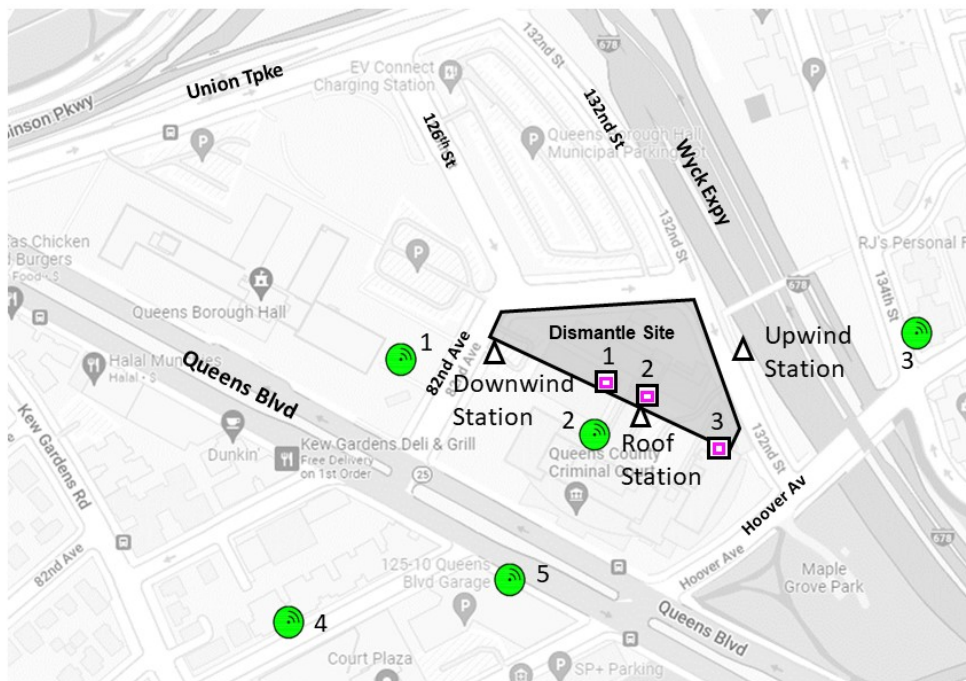
Narrative Summary of Vibration Monitoring, Excursions and Corrective Actions:

During the Month of December 2023, there was Zero vibration monitor exceedance caused by dismantle activities. All monitors showed results of vibration did not exceed the warning threshold of 0.3(in/sec) / stop work threshold of 0.5 (in/sec), except 12/19 when the vibration monitoring equipment #1 by Family Justice Center was contacted by scaffold workers, and 12/26 when the vibration monitoring equipment #1 by Family Justice Center vibration monitoring equipment #2 by DA Wing were was contacted by the AKRF staff to replace the batteries of the equipment.

ATTACHMENTS:

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

Environmental Monitoring Queens – 12/23/23



On 12/23/2023 per DDC/PMC's request, Upwind Station was relocated to Roof Station at DA Wing.

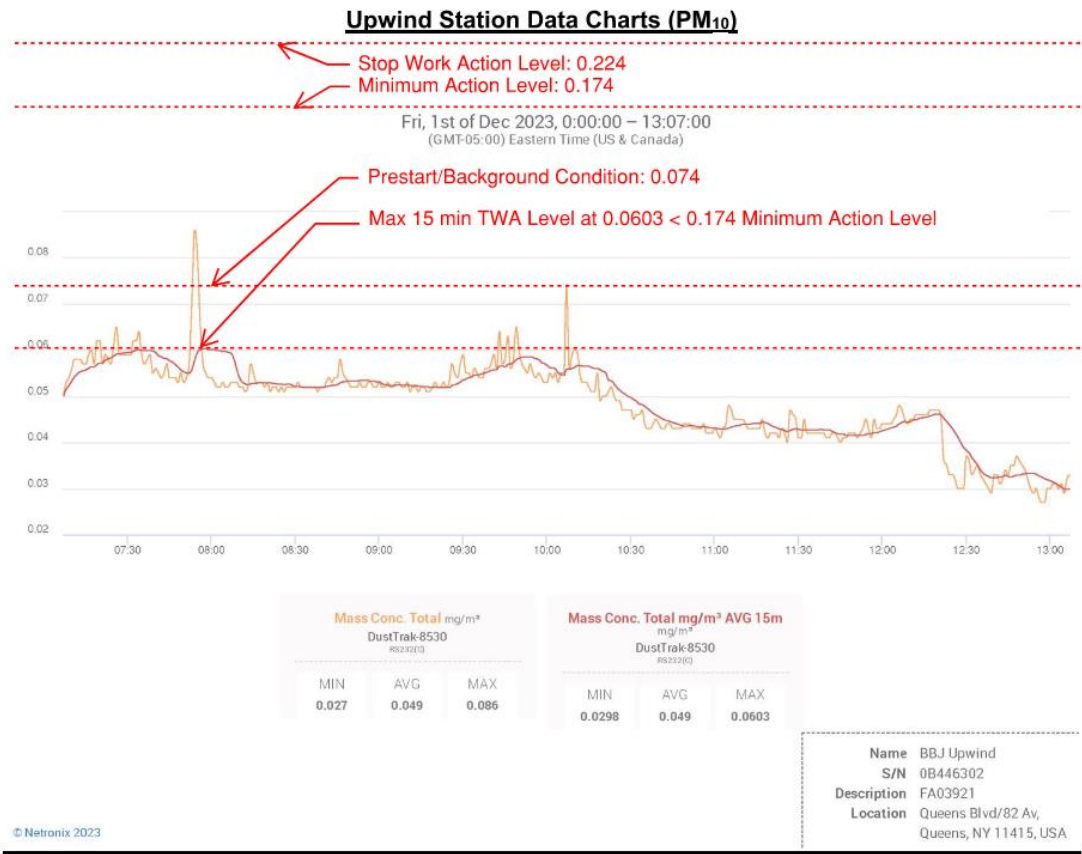
	Vibration Monitor (VM)
	Air Monitoring Station (DM)
	Noise Monitoring Station (NM)

Noise Threshold Limits in dBA – Baseline Survey April 2022

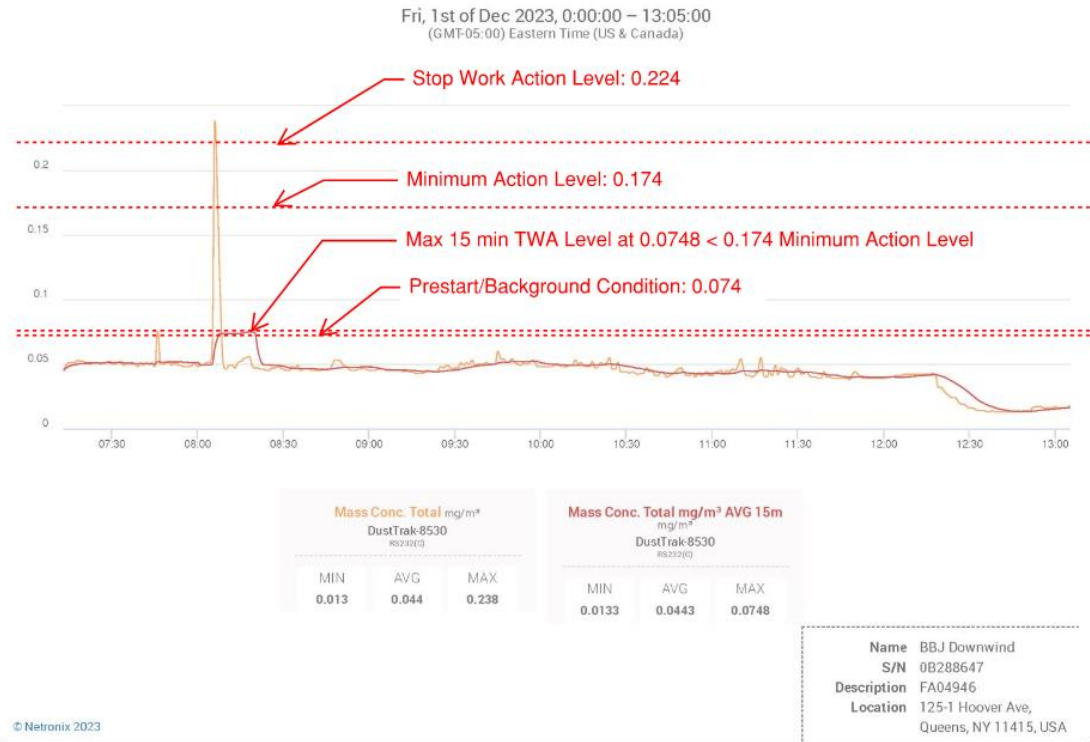
Construction Noise Threshold Limits in dBA

Location	Daytime L _{eq}	Nighttime L _{eq}
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 December 01, 2023



Downwind Station Data Charts (PM₁₀)



Dismantle Activity Air Daily Monitoring on December 02, 2023

Upwind Station Data Charts (PM₁₀)



Downwind Station Data Charts (PM₁₀)

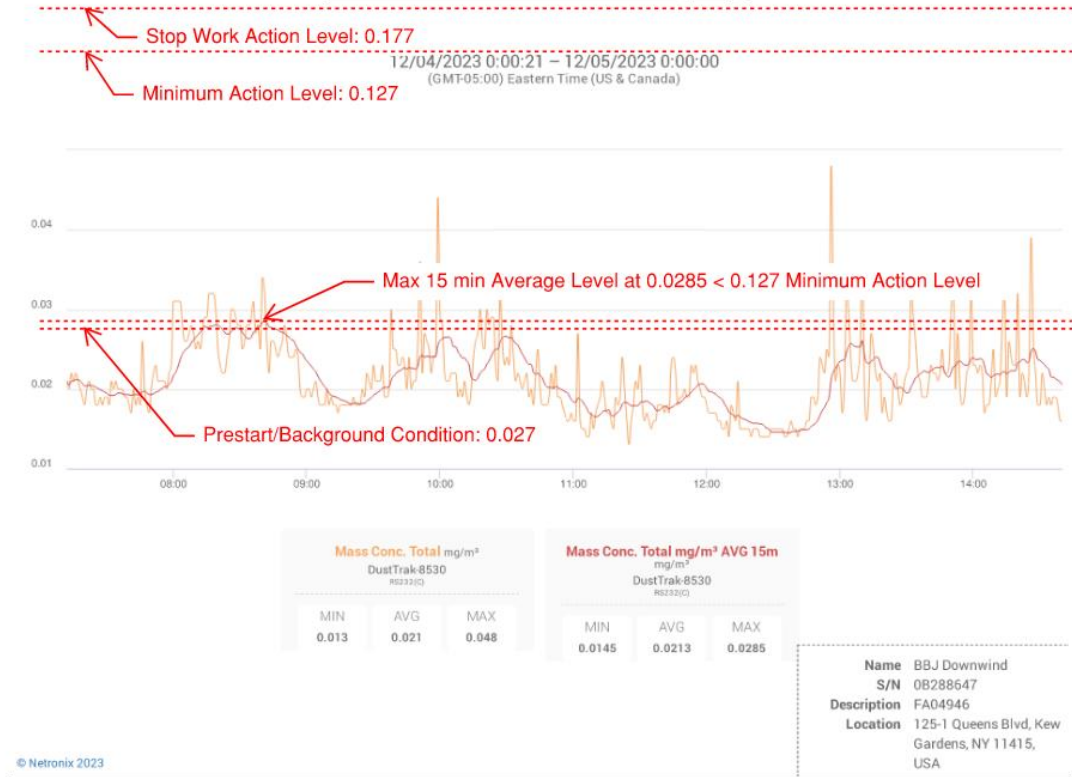


Dismantle Activity Daily Air Monitoring on December 04, 2023

Upwind Station Data Charts (PM₁₀)



Downwind Station Data Charts (PM₁₀)

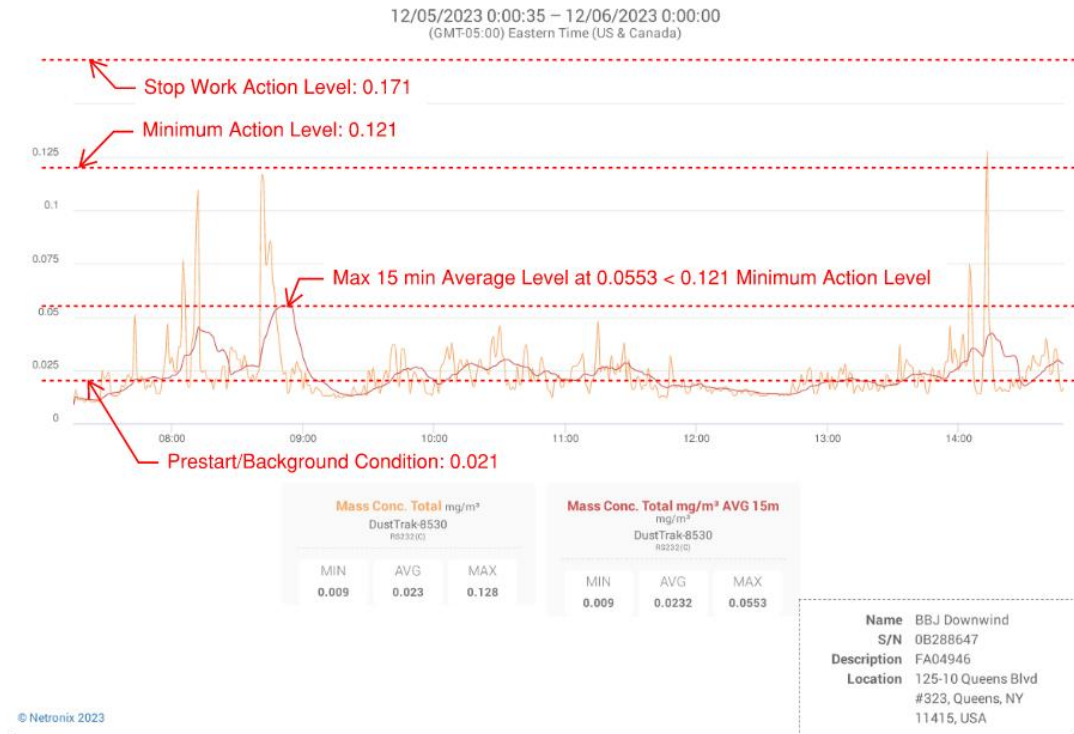


Dismantle Activity Daily Air Monitoring on December 05, 2023

Upwind Station Data Charts (PM₁₀)

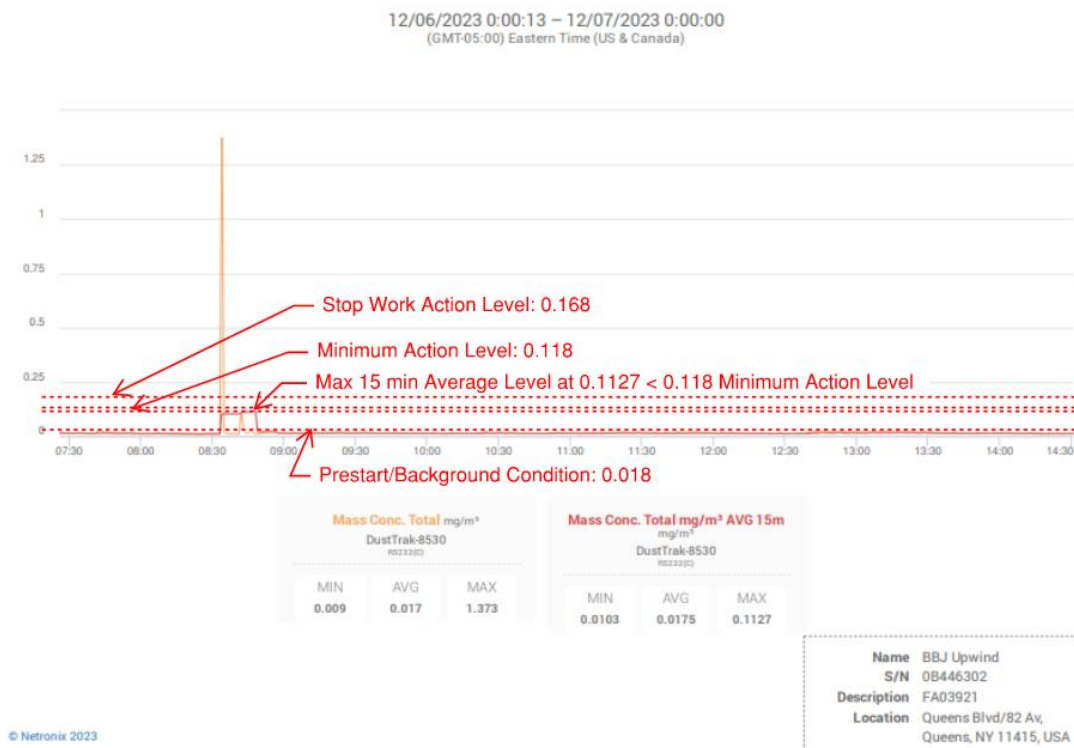


Downwind Station Data Charts (PM₁₀)



Dismantle Activity Daily Air Monitoring on December 06, 2023

Upwind Station Data Charts (PM₁₀)



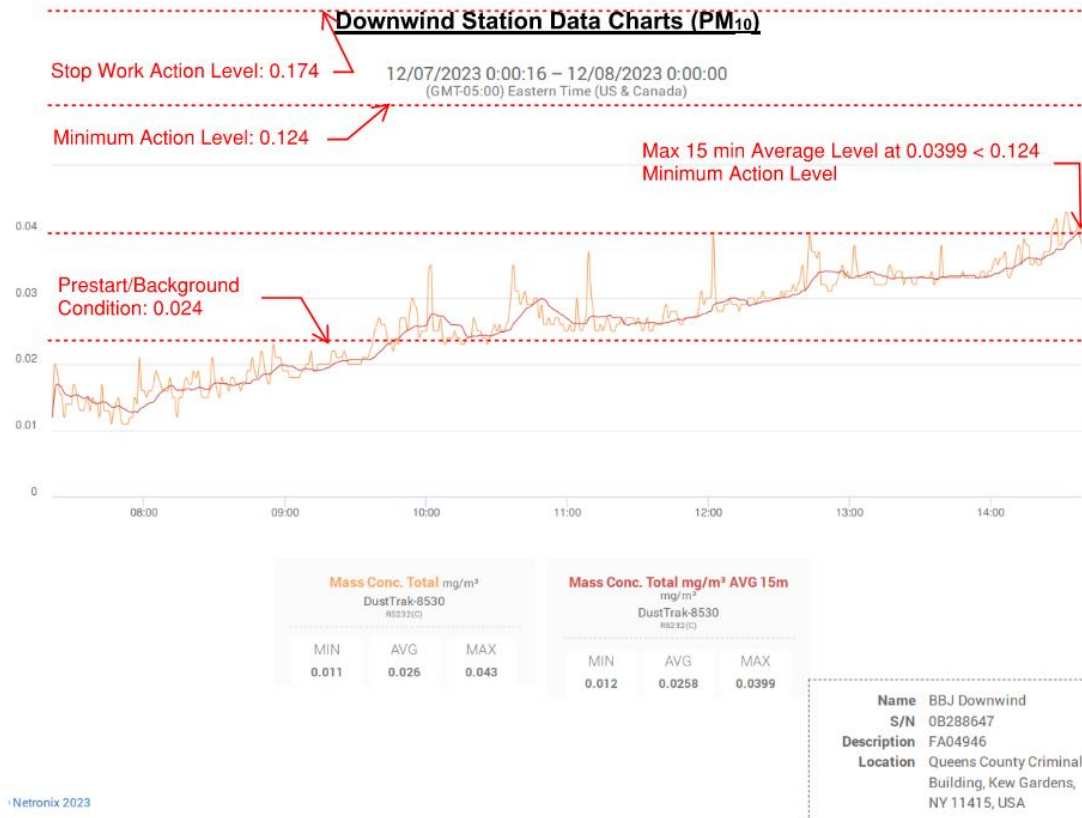
Downwind Station Data Charts (PM₁₀)



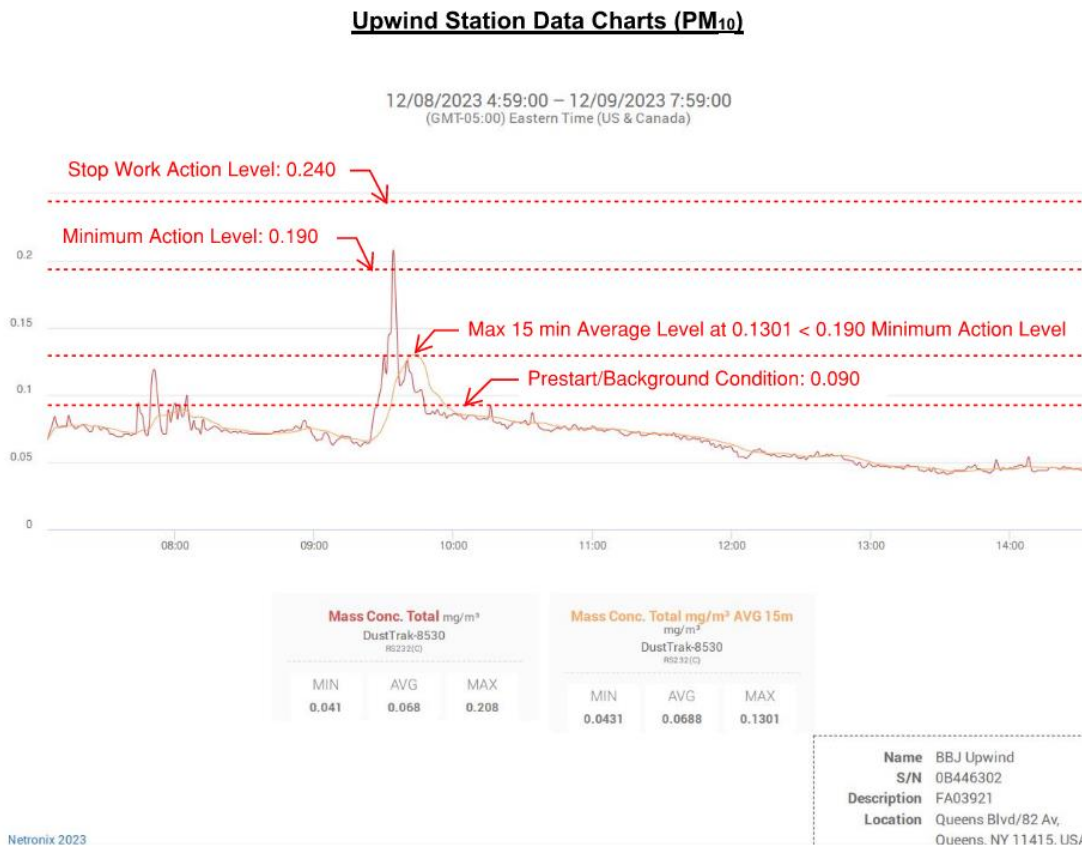
Dismantle Activity Daily Air Monitoring on December 07, 2023

Upwind Station Data Charts (PM₁₀)

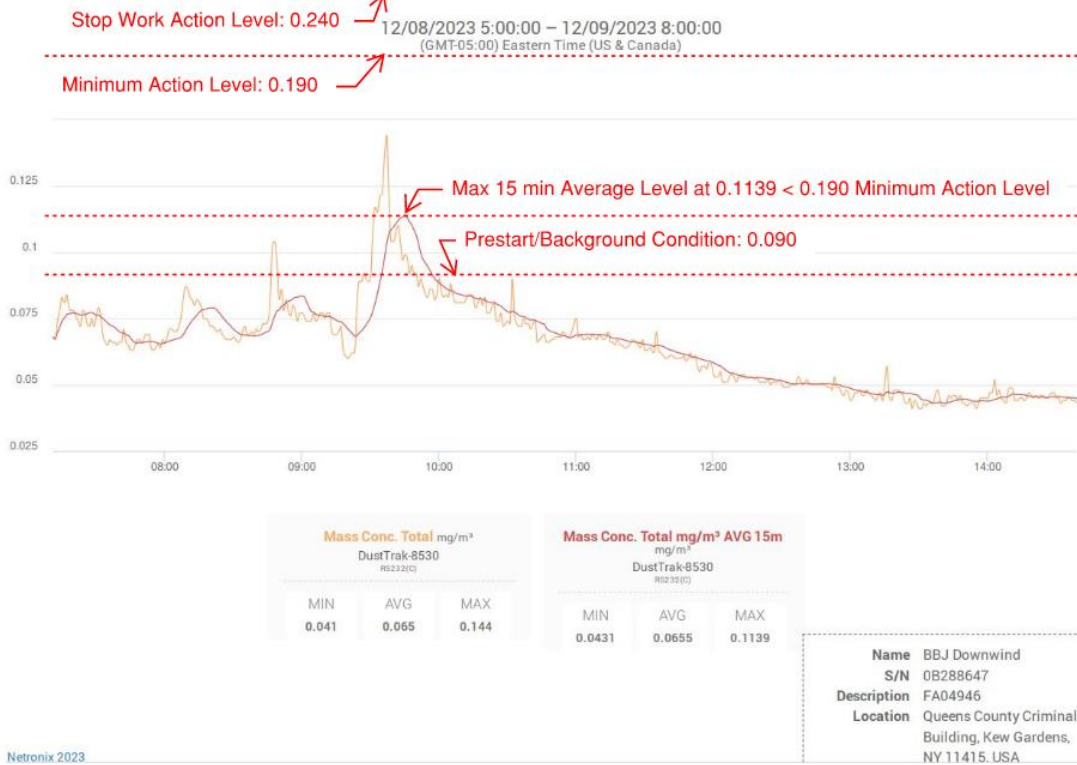




Dismantle Activity Daily Air Monitoring on December 08, 2023



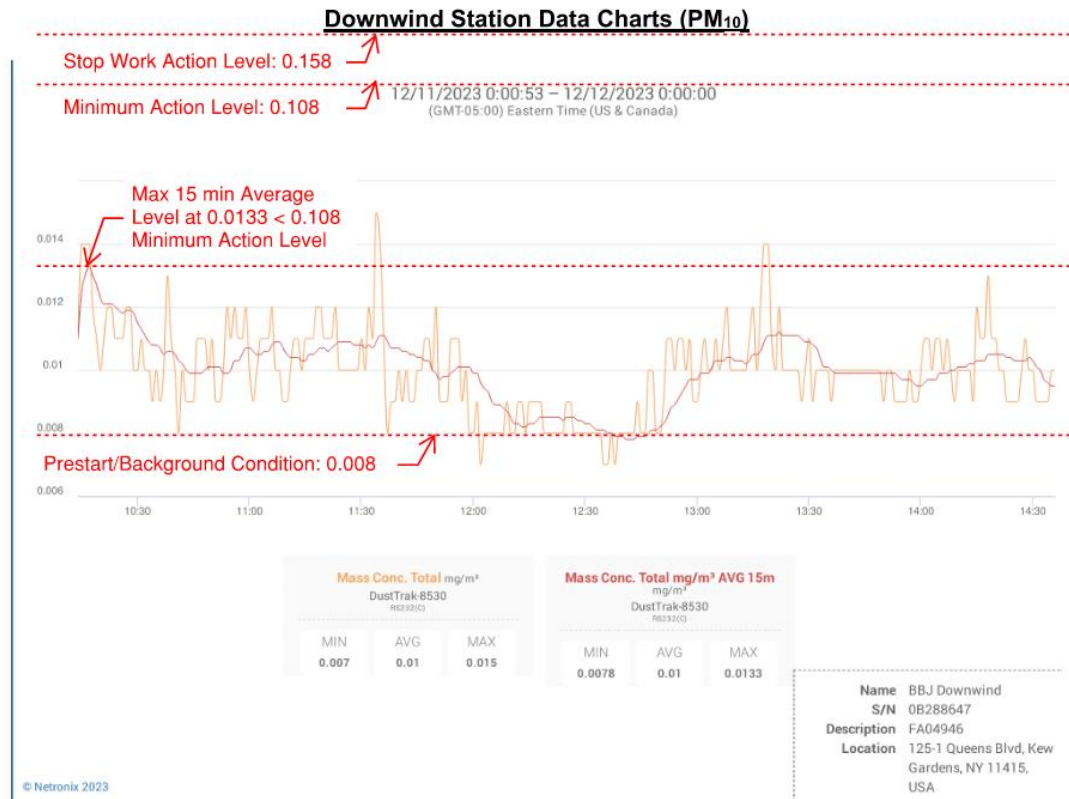
Downwind Station Data Charts (PM₁₀)



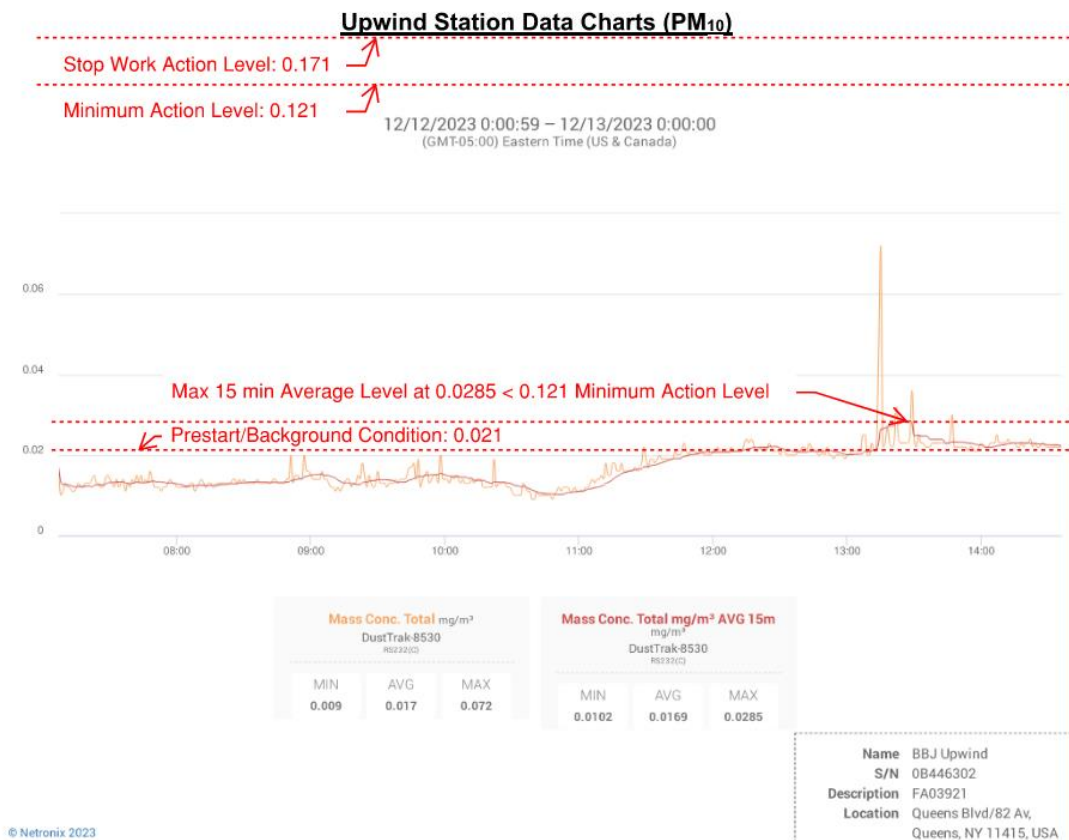
Dismantle Activity Daily Air Monitoring on December 11, 2023

Upwind Station Data Charts (PM₁₀)





Dismantle Activity Daily Air Monitoring on December 12, 2023

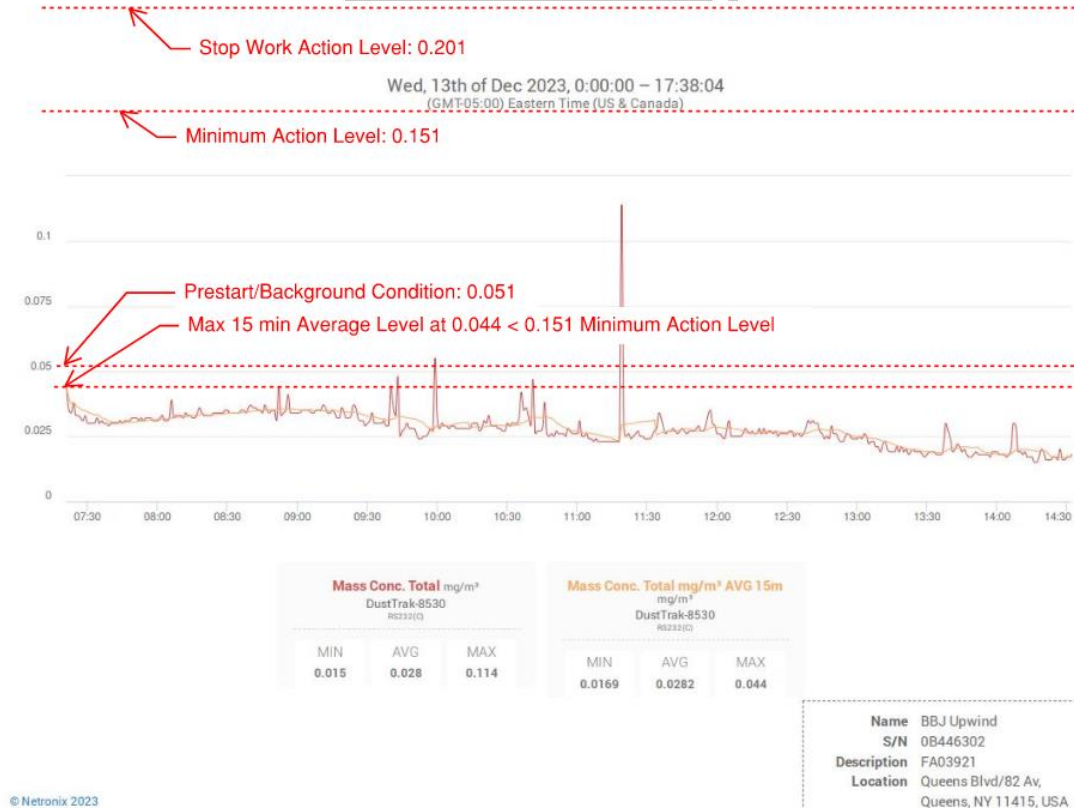


Downwind Station Data Charts (PM₁₀)

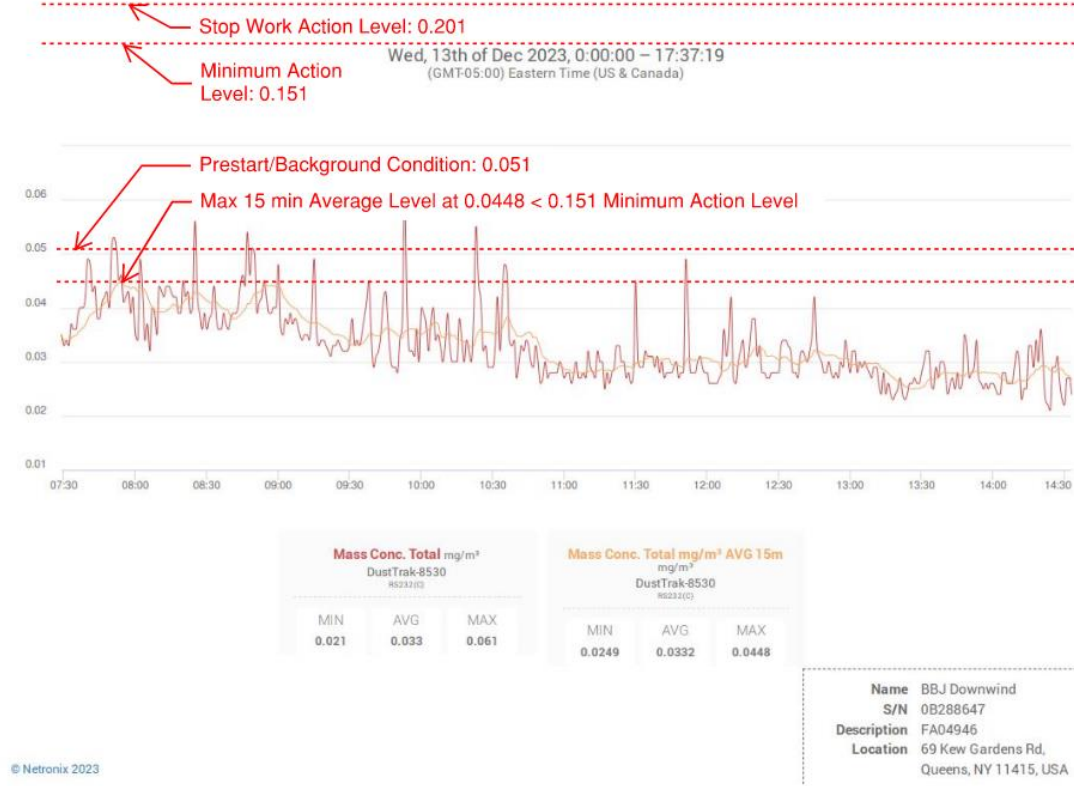


Dismantle Activity Daily Air Monitoring on December 13, 2023

Upwind Station Data Charts (PM₁₀)

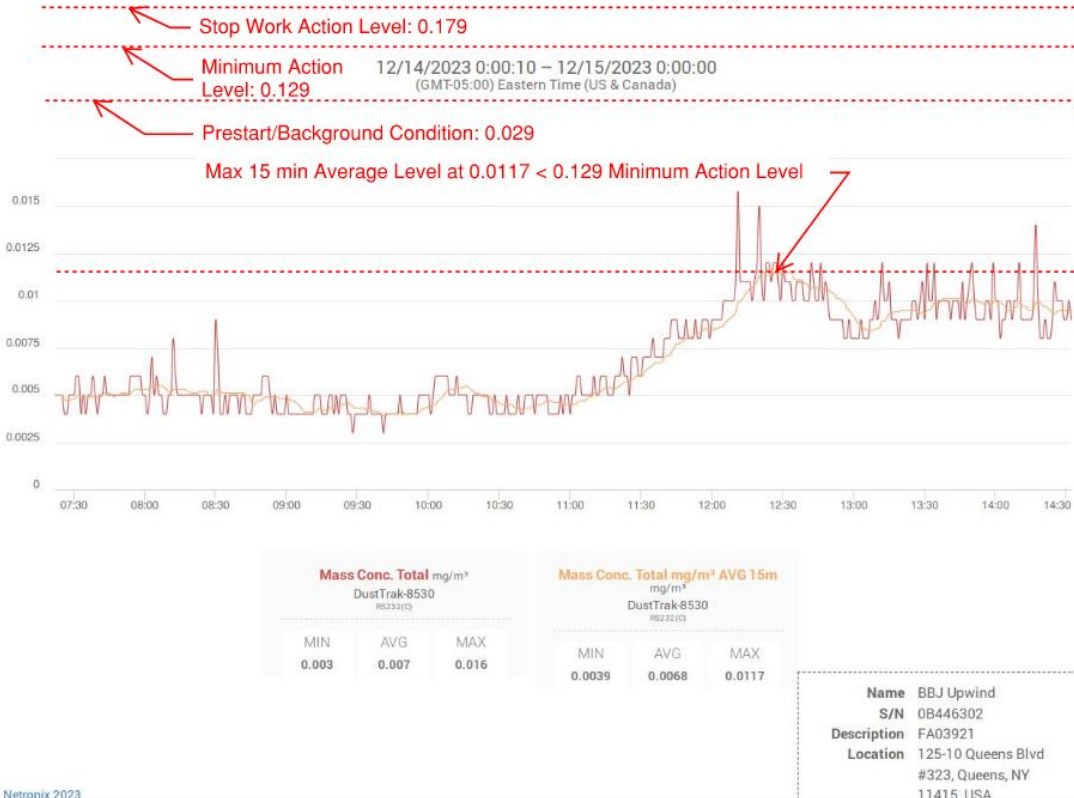


Downwind Station Data Charts (PM₁₀)



Dismantle Activity Daily Air Monitoring on December 14, 2023

Upwind Station Data Charts (PM₁₀)



Downwind Station Data Charts (PM₁₀)

Stop Work Action Level: 0.179

Minimum Action Level: 0.129

Prestart/Background Condition: 0.029

12/14/2023 0:00:54 – 12/15/2023 0:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³		
DustTrak-8530		
RS232(C)		
MIN	AVG	MAX
0.003	0.009	0.017

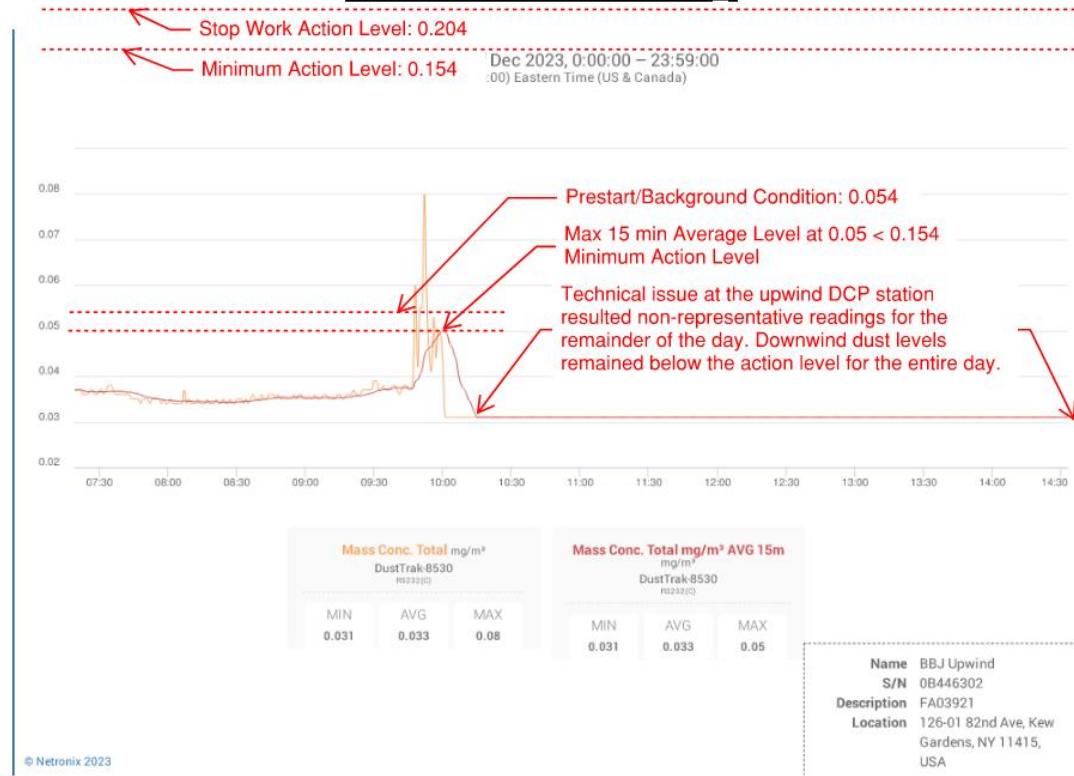
Mass Conc. Total mg/m³ AVG 15m		
DustTrak-8530		
RS232(C)		
MIN	AVG	MAX
0.0038	0.0093	0.0148

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

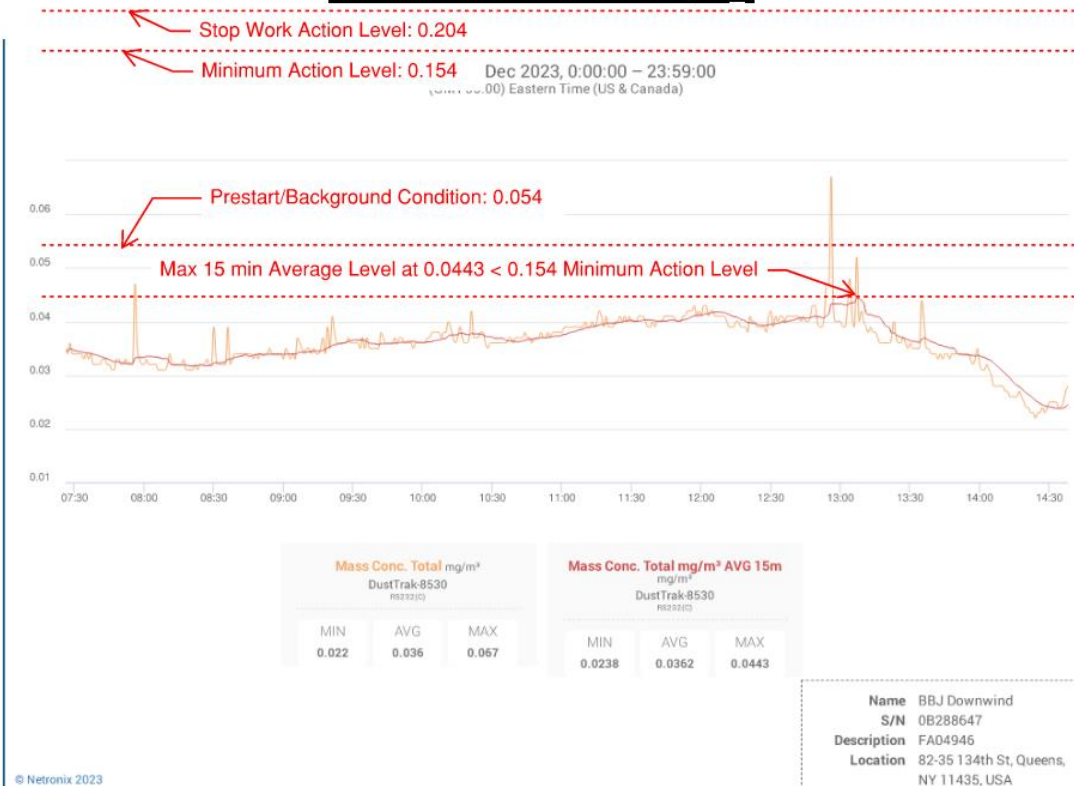
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Dismantle Activity Daily Air Monitoring on December 15, 2023

Upwind Station Data Charts (PM₁₀)

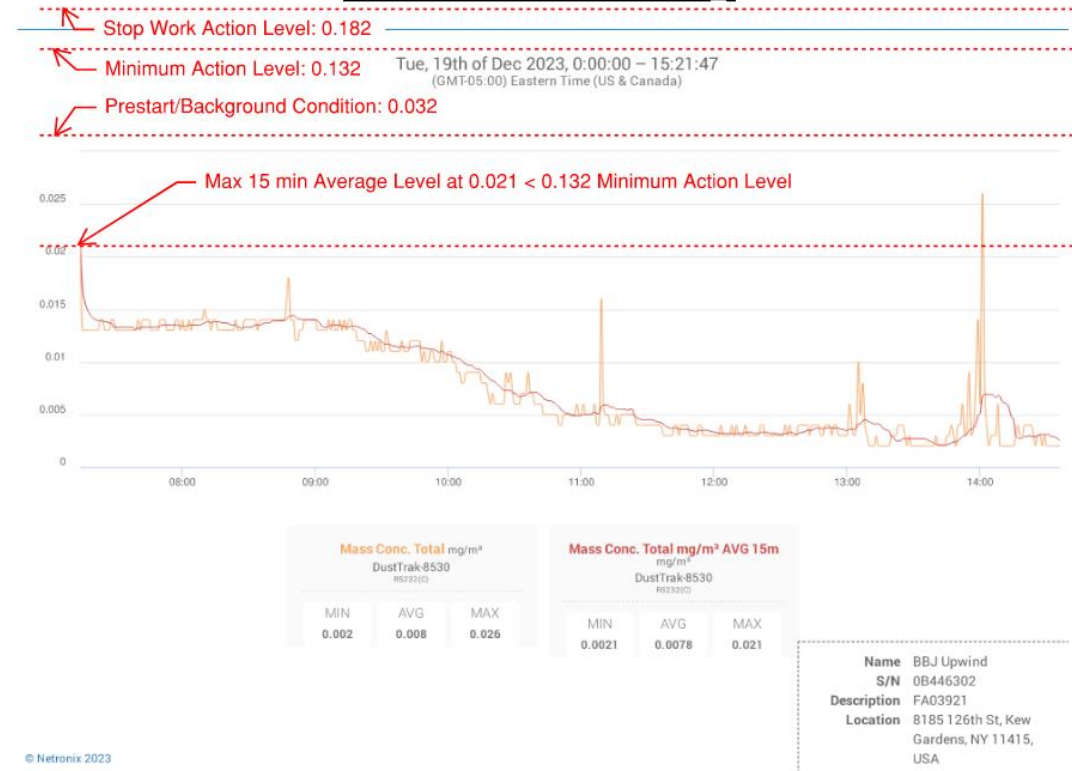


Downwind Station Data Charts (PM₁₀)

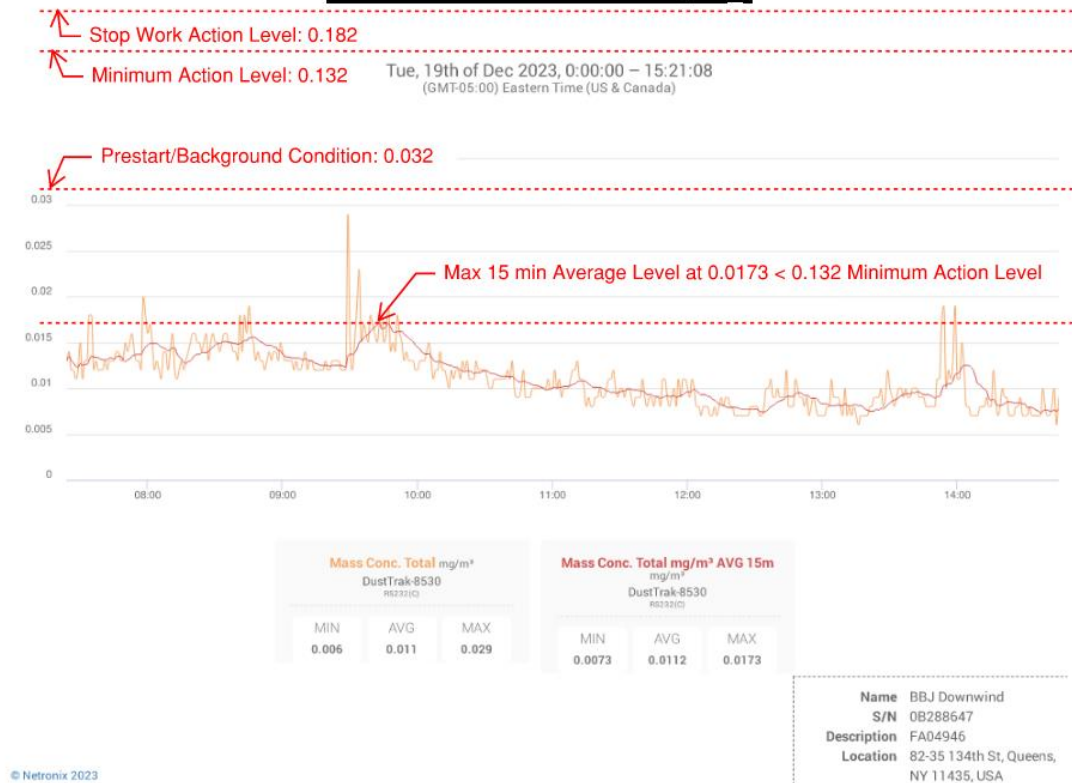


Dismantle Activity Daily Air Monitoring on December 19, 2023

Upwind Station Data Charts (PM₁₀)



Downwind Station Data Charts (PM₁₀)

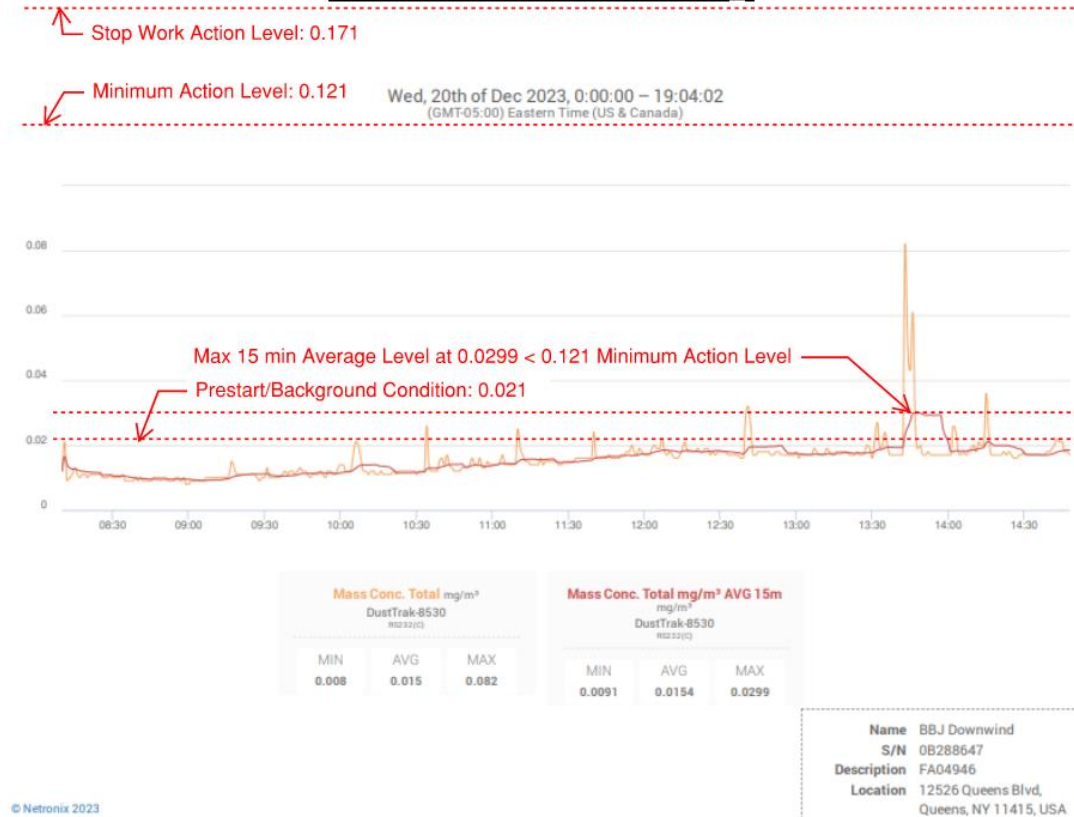


Dismantle Activity Daily Air Monitoring on December 20, 2023

Upwind Station Data Charts (PM₁₀)

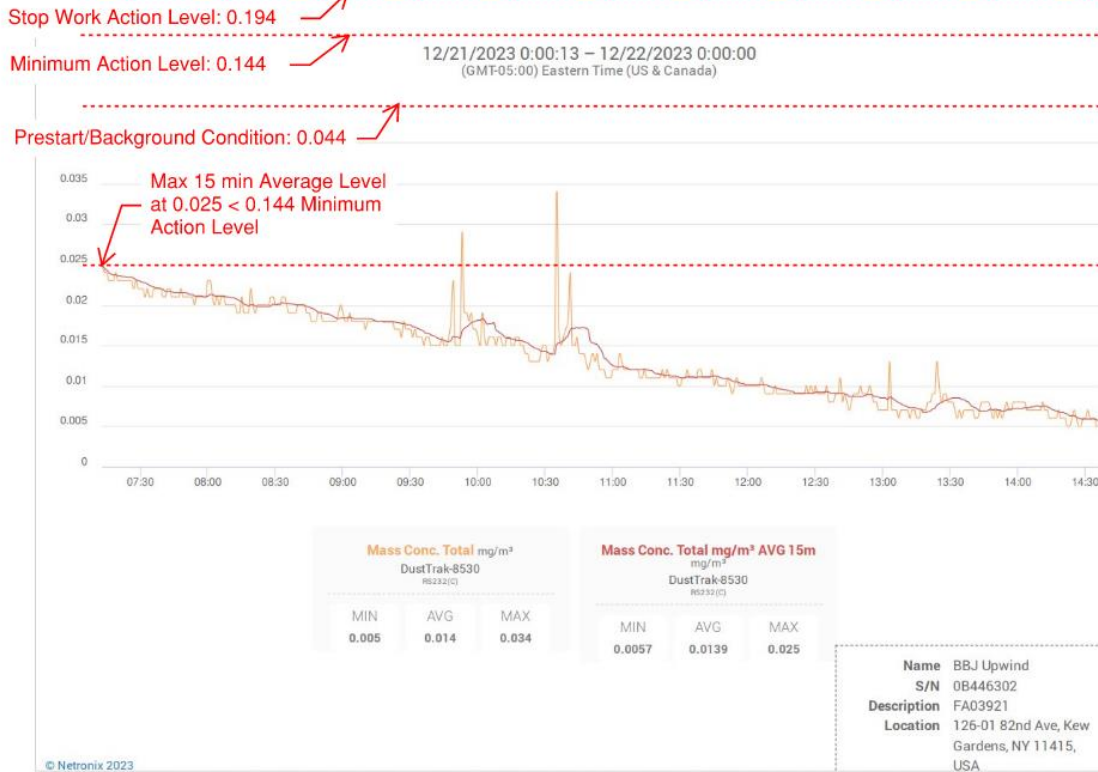


Downwind Station Data Charts (PM₁₀)



Dismantle Activity Daily Air Monitoring on December 21, 2023

Upwind Station Data Charts (PM₁₀)



Downwind Station Data Charts (PM₁₀)



Dismantle Activity Daily Air Monitoring on December 22, 2023

Stop Work Action Level: 0.183 Upwind Station Data Charts (PM₁₀)

Minimum Action Level: 0.133

Prestart/Background Condition: 0.033

12/22/2023 0:00:20 – 12/23/2023 0:00:00
(GMT-05:00) Eastern Time (US & Canada)

Max 15 min Average Level at 0.0189 < 0.133 Minimum Action Level



Mass Conc. Total mg/m³ DustTrak-8530 RS232(C)			Mass Conc. Total mg/m³ AVG 15m mg/m³ DustTrak-8530 RS232(C)		
MIN	AVG	MAX	MIN	AVG	MAX
0.008	0.013	0.023	0.0091	0.0129	0.0189

Name BBJ Upwind
S/N 0B446302
Description FA03921
Location 125-01 Queens Blvd,
Queens, NY 11415, USA

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Downwind Station Data Charts (PM₁₀)

Stop Work Action Level: 0.183

Minimum Action Level: 0.133

12/22/2023 0:00:31 – 12/23/2023 0:00:00
(GMT-05:00) Eastern Time (US & Canada)

Max 15 min Average Level at 0.0341 < 0.133 Minimum Action Level

Prestart/Background Condition: 0.033



Mass Conc. Total mg/m³ DustTrak-8530 RS232(C)			Mass Conc. Total mg/m³ AVG 15m mg/m³ DustTrak-8530 RS232(C)		
MIN	AVG	MAX	MIN	AVG	MAX
0.009	0.017	0.072	0.01	0.0171	0.0341

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 December 23, 2023

Roof Station Data Charts (PM₁₀)

Stop Work Action Level: 0.189

At DA Wing East Setback Roof

Minimum Action Level: 0.139

Sat, 23rd of Dec 2023, 0:00:00 – 23:59:00
(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
0.012	0.017	0.055	0.0131	0.0177	0.0336

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Name BBJ Upwind
S/N 0B446302
Description FA03921
Location 125-01 Queens Blvd,
Queens, NY 11415, USA

Downwind Station Data Charts (PM₁₀)

Stop Work Action Level: 0.183

Minimum Action Level: 0.133

Prestart/Background Condition: 0.033

Sat, 23rd of Dec 2023, 0:00:00 – 23:59:00
(GMT-05:00) Eastern Time (US & Canada)

Max 15 min Average Level at 0.0196 < 0.133 Minimum Action Level



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	0.017	0.025	0.0122	0.0169	0.0196

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Name BBJ Downwind
S/N 0B288647
Description FA04946
Location 126-01 82nd Ave, Kew
Gardens, NY 11415,
USA

Dismantle Activity Daily Air Monitoring on December 26, 2023

Roof Station Data Charts (PM₁₀)

Stop Work Action Level: 0.227

At DA Wing East Setback Roof

Minimum Action Level: 0.177

12/26/2023 0:00:10 – 12/27/2023 0:00:00
(GMT-05:00) Eastern Time (US & Canada)

Prestart/Background Condition: 0.077



Mass Conc. Total mg/m³ DustTrak-8530 RS212(C)		
MIN	AVG	MAX
0.028	0.045	0.083

Mass Conc. Total mg/m³ AVG 15m mg/m³ DustTrak-8530 RS212(C)		
MIN	AVG	MAX
0.0323	0.044	0.0706

Name BBJ Upwind
S/N 0B446302
Description FA03921
Location 125-01 Queens Blvd,
Queens, NY 11415, USA

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Downwind Station Data Charts (PM₁₀)

Stop Work Action Level: 0.227

12/26/2023 0:00:16 – 12/27/2023 0:00:00
(GMT-05:00) Eastern Time (US & Canada)

Minimum Action Level: 0.177

Prestart/Background Condition: 0.077



Mass Conc. Total mg/m³ DustTrak-8530 RS212(C)		
MIN	AVG	MAX
0.018	0.041	0.077

Mass Conc. Total mg/m³ AVG 15m mg/m³ DustTrak-8530 RS212(C)		
MIN	AVG	MAX
0.0228	0.0404	0.0681

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 December 27, 2023

Roof Station Data Charts (PM₁₀)

At DA Wing East Setback Roof

12/27/2023 0:00:31 – 12/28/2023 0:00:00
(GMT-05:00) Eastern Time (US & Canada)

Stop Work Action Level: 0.226

Minimum Action Level: 0.176



Mass Conc. Total mg/m³ DustTrak-8530 RS232(C)		
MIN	AVG	MAX
0.031	0.059	0.183

Mass Conc. Total mg/m³ AVG 15m mg/m³ DustTrak-8530 RS232(C)		
MIN	AVG	MAX
0.0329	0.0595	0.1101

Name BBJ Upwind
S/N 0B446302
Description FA03921
Location 125-01 Queens Blvd,
Queens, NY 11415, USA

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Downwind Station Data Charts (PM₁₀)

Stop Work Action Level: 0.226

Minimum Action Level: 0.176

12/27/2023 0:00:23 – 12/28/2023 0:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ DustTrak-8530 RS232(C)		
MIN	AVG	MAX
0.027	0.048	0.117

Mass Conc. Total mg/m³ AVG 15m mg/m³ DustTrak-8530 RS232(C)		
MIN	AVG	MAX
0.0291	0.0492	0.0948

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 December 28, 2023

Roof Station Data Charts (PM₁₀)

Stop Work Action Level: 0.172

12/28/2023 0:00:01 – 12/29/2023 0:00:00
(GMT-05:00) Eastern Time (US & Canada)

Minimum Action Level: 0.122



Mass Conc. Total mg/m ³ DustTrak-8530 R0232(C)			Mass Conc. Total mg/m ³ AVG 15m mg/m ³ DustTrak-8530 R0232(C)		
MIN	AVG	MAX	MIN	AVG	MAX
0.004	0.011	0.043	0.004	0.0103	0.0221

Name BBJ Upwind
S/N 0B446302
Description FA03921
Location 125-01 Queens Blvd,
Queens, NY 11415, USA

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Downwind Station Data Charts (PM₁₀)

Stop Work Action Level: 0.172

12/28/2023 0:00:25 – 12/29/2023 0:00:00
(GMT-05:00) Eastern Time (US & Canada)

Minimum Action Level: 0.122



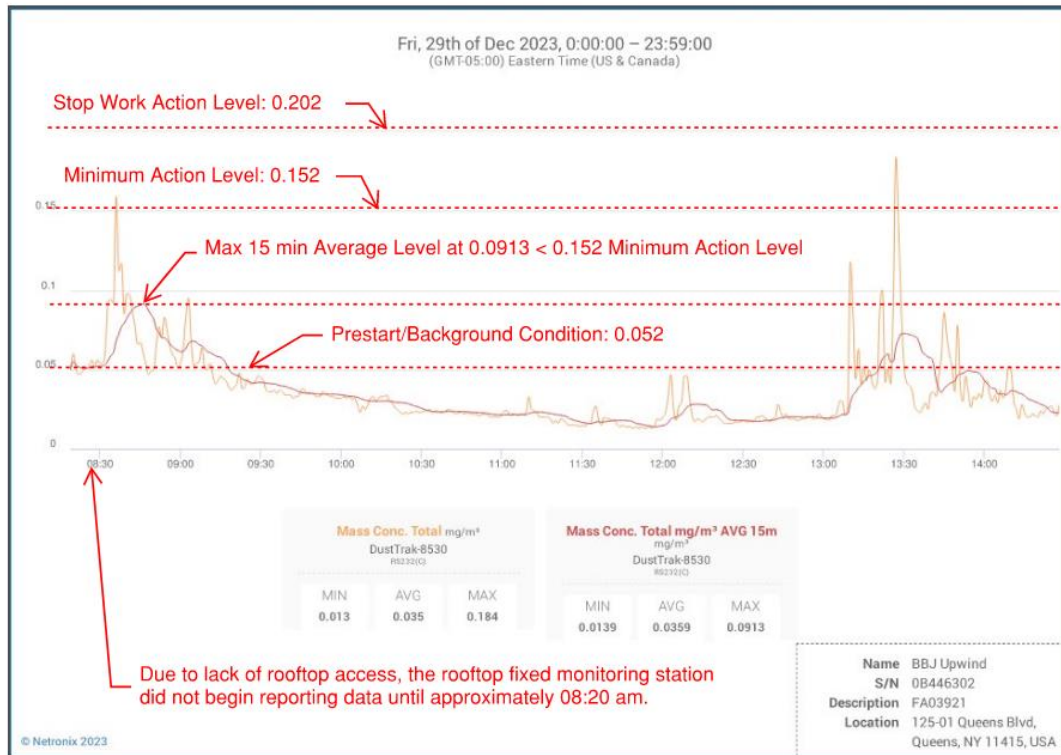
Mass Conc. Total mg/m ³ DustTrak-8530 R0232(C)			Mass Conc. Total mg/m ³ AVG 15m mg/m ³ DustTrak-8530 R0232(C)		
MIN	AVG	MAX	MIN	AVG	MAX
0.002	0.012	0.041	0.002	0.0122	0.0207

Name BBJ Downwind
S/N 0B288647
Description FA04946
Location 125-01 Queens Blvd,
Queens, NY 11415, USA

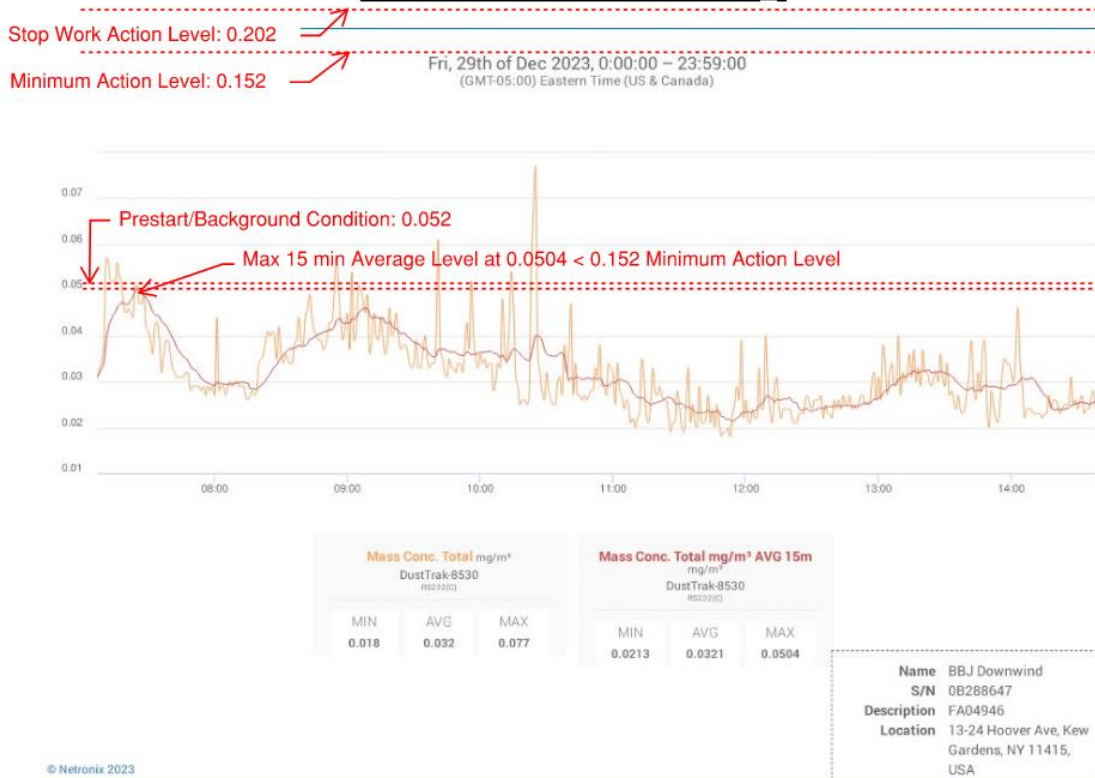
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Dismantle Activity Daily Air Monitoring on December 29, 2023

Roof Station Data Charts (PM₁₀)



Downwind Station Data Charts (PM₁₀)



Dismantle Activity Daily Air Monitoring on December 30, 2023

Upwind Station Data Charts (PM₁₀)

Stop Work Action Level: 0.170

Minimum Action Level: 0.120

Sat, 30th of Dec 2023, 0:01:00 – 23:59:00
(GMT-05:00) Eastern Time (US & Canada)

Due to lack of rooftop access, the rooftop fixed monitoring station was not set up. Instead, Upwind Station at sidewalk was provided.



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
0.012	0.019	0.031	0.0141	0.0186	0.0228

Name BBJ Upwind
S/N 0B446302
Description FA03921
Location 125-01 Queens Blvd,
Queens, NY 11415, USA

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Downwind Station Data Charts (PM₁₀)

Stop Work Action Level: 0.170

Minimum Action Level: 0.120

Sat, 30th of Dec 2023, 0:00:00 – 23:59:00
(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
0.018	0.027	0.103	0.018	0.0265	0.0376

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

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Noise Monitoring – Biweekly Follow Up during Dismantle Phase IV

Date: 12-6-2023 Wed Weather: 40°F cloudy

Work Activities: Demo walk on 3rd fl & Interior Demo on 2nd fl.

Prepared by: Yao

NO.	Location	Time	Noise (dBA)	Noise Action Threshold (Day/Night)	Note
1	Queens Borough Hall	12:40	68	< 75 dBA	Daytime noise action threshold not exceeded.
2	Southwest corner of DA wing	1:05	69	< 75 dBA	Daytime noise action threshold not exceeded.
3	Corner of 134 th ST and Hoover Ave.	1:34	68.2	69 dBA/ 68 dBA NA	Daytime noise action threshold not exceeded.
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: 12-12-2023 Tues Weather: 41°F Sunny

Work Activities: Demo slab on 3rd fl & prep to abate 1st fl

Prepared by: Yao

NO.	Location	Time	Noise (dBA)	Noise Action Threshold (Day/Night)	Note
1	Queens Borough Hall			75 dBA	
2	Southwest corner of DA wing			75 dBA	
3	Corner of 134 th ST and Hoover Ave.	9:30	68	69 dBA/ 68 dBA NA	Daytime noise action threshold not exceeded.
4	200 ft away from Kew Garden Road on 82 nd Road	9:55	64	65 dBA/ 55 dBA NA	Daytime noise action threshold not exceeded.
5	Between 82 nd road and 83 rd Ave on Queens Blvd	10:18	67	68 dBA/ 67 dBA NA	Daytime noise action threshold not exceeded.
Corrective Action: <u>NA</u>					

Noise Monitoring – Initial Five Days of Dismantle Phase V

Project: DDC Queens Dismantle & Swing Space

Date: 12-22-2023 Fri Weather: cloudy 29°F

Work Activities: Full mech Demo NW building

Prepared by: Yao

NO.	Location	Time	Noise (dBA)	Noise Action Threshold (Day/Night)	Note
1	Queens Borough Hall	10:42	60.1	< 75 dBA	Daytime noise action threshold not exceeded.
2	Southwest corner of DA wing	10:49	61.9	< 75 dBA	Daytime noise action threshold not exceeded.
3	Corner of 134 th ST and Hoover Ave.	11:11	69.1	69 dBA/ 68 dBA NA	car horns, traffic noise on highway Daytime noise action threshold not exceeded due to traffic noise, not because of dismantle activities.
4	200 ft away from Kew Garden Road on 82 nd Road	1:21	64	< 65 dBA/ 55 dBA NA	Daytime noise action threshold not exceeded.
5	Between 82 nd road and 83 rd Ave on Queens Blvd	1:50	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: 12/23/2023 Weather: cloudy, 37°F

Work Activities: NW High-reach Demo

Prepared by: Mica Bartoloma

NO.	Location	Time	Noise (dBA)	Noise Action Threshold (Day/Night)	Note
1	Queens Borough Hall	10:46	61.6	< 75 dBA	Daytime noise action threshold not exceeded.
2	Southwest corner of DA wing	10:23	61.5	< 75 dBA	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: 12-26-2023 Tues Weather: Partly Cloudy

Work Activities: Full Mech Demo

Prepared by: AKRF (equipment reading) / Yao Wang (filling out the log)

NO.	Location	Time	Noise (dBA)	Noise Action Threshold (Day/Night)	Note
1	Queens Borough Hall	10:31	61	< 75 dBA	Daytime noise action threshold not exceeded.
2	Southwest corner of DA wing	10:55	64.6	< 75 dBA	Daytime noise action threshold not exceeded.
3	Corner of 134 th ST and Hoover Ave.	1:01	68.7	< 69 dBA/ 68 dBA NA	Daytime noise action threshold not exceeded.
4	200 ft away from Kew Garden Road on 82 nd Road	1:31	60.7	65 dBA/ 55 dBA	
5	Between 82 nd road and 83 rd Ave on Queens Blvd	11:36	65.5	68 dBA/ 67 dBA	
Corrective Action: <u>N/A.</u>					

Project: DDC Queens Dismantle & Swing Space

Date: 12-27-2023 Wed Weather: 43°F Cloudy

Work Activities: full mech demo

Prepared by: Yao

NO.	Location	Time	Noise (dBA)	Noise Action Threshold (Day/Night)	Note
1	Queens Borough Hall	10:39	63	< 75 dBA	Daytime noise action threshold not exceeded.
2	Southwest corner of DA wing	10:16	64	< 75 dBA	Daytime noise action threshold not exceeded.
3	Corner of 134 th ST and Hoover Ave.	11:04	68	< 69 dBA/ 68 dBA NA	Daytime noise action threshold not exceeded.
4	200 ft away from Kew Garden Road on 82 nd Road	12:28	63.2	< 65 dBA/ 55 dBA NA	Daytime noise action threshold not exceeded.
5	Between 82 nd road and 83 rd Ave on Queens Blvd	12:50	67.2	< 68 dBA/ 67 dBA NA	Daytime noise action threshold not exceeded.
Corrective Action: <u>N/A.</u>					

Project: DDC Queens Dismantle & Swing Space

Date: 12-28-2023 Weather: cloud

Work Activities: full mech demo

Prepared by: Hajeong Lim (equipment reading) / Yao Wang (filling out the log)

NO.	Location	Time	Noise (dBA)	Noise Action Threshold (Day/Night)	Note
1	Queens Borough Hall	1:15	63.3	75 dBA	Daytime noise action threshold not exceeded.
2	Southwest corner of DA wing	1:40	67	75 dBA	Daytime noise action threshold not exceeded.
3	Corner of 134 th ST and Hoover Ave.	3:20	68.5	69 dBA/ 68 dBA NA	Daytime noise action threshold not exceeded.
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: N/A					

Project: DDC Queens Dismantle & Swing Space

Date: 12-29-2023 Weather: Sunny

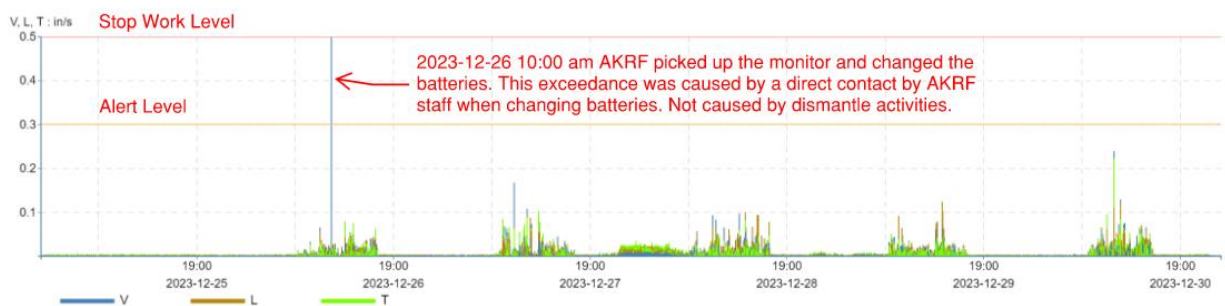
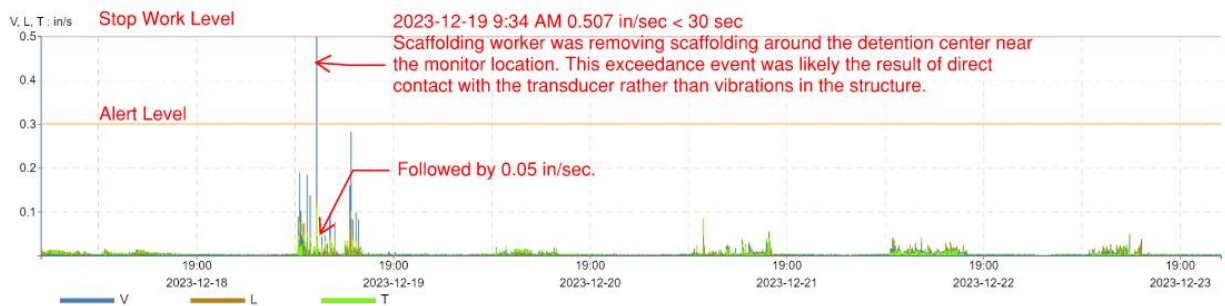
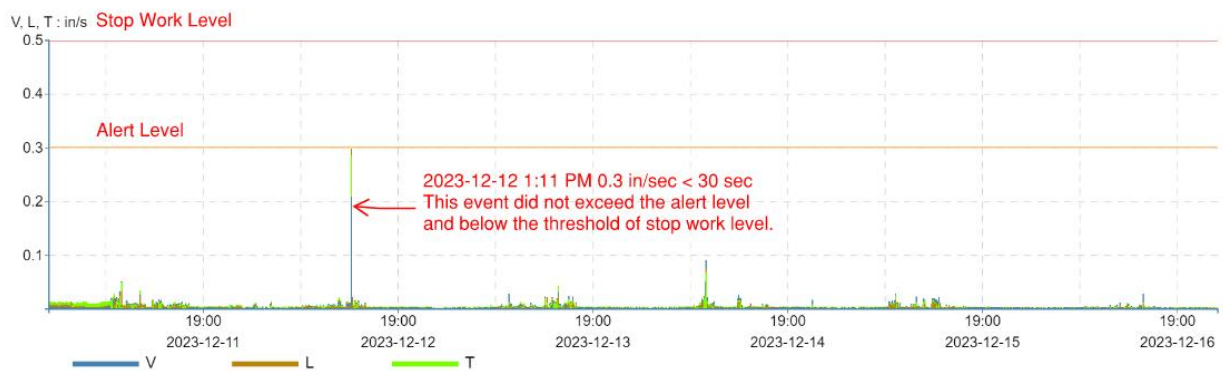
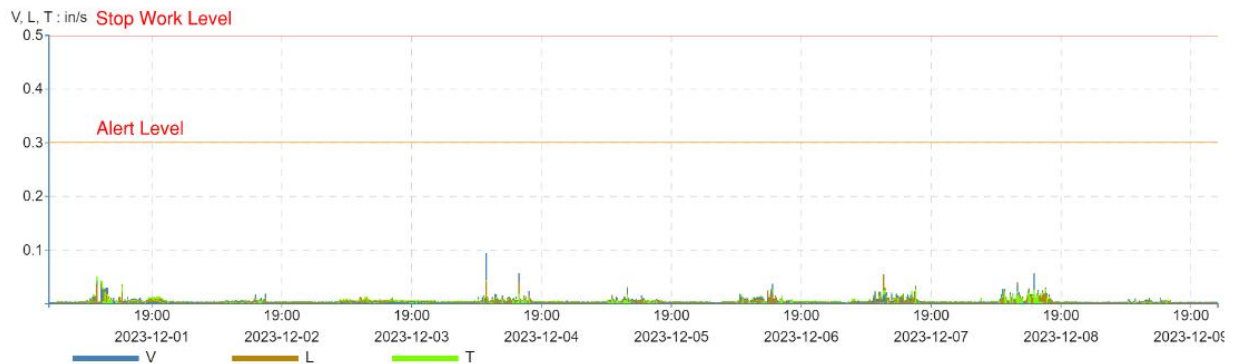
Work Activities: full mech demo

Prepared by: Hajeong Lim (equipment reading) / Yao Wang (filling out the log)

NO.	Location	Time	Noise (dBA)	Noise Action Threshold (Day/Night)	Note
1	Queens Borough Hall	2:50	58.7	75 dBA	Daytime noise action threshold not exceeded.
2	Southwest corner of DA wing	2:25	64.2	75 dBA	Daytime noise action threshold not exceeded.
3	Corner of 134 th ST and Hoover Ave.	2:00	68.4	69 dBA/ 68 dBA NA	Daytime noise action threshold not exceeded.
4	200 ft away from Kew Garden Road on 82 nd Road	1:30	55.9	65 dBA/ 55 dBA NA	Daytime noise action threshold not exceeded.
5	Between 82 nd road and 83 rd Ave on Queens Blvd	11:15	64.6	68 dBA/ 67 dBA NA	Daytime noise action threshold not exceeded.
Corrective Action: N/A					

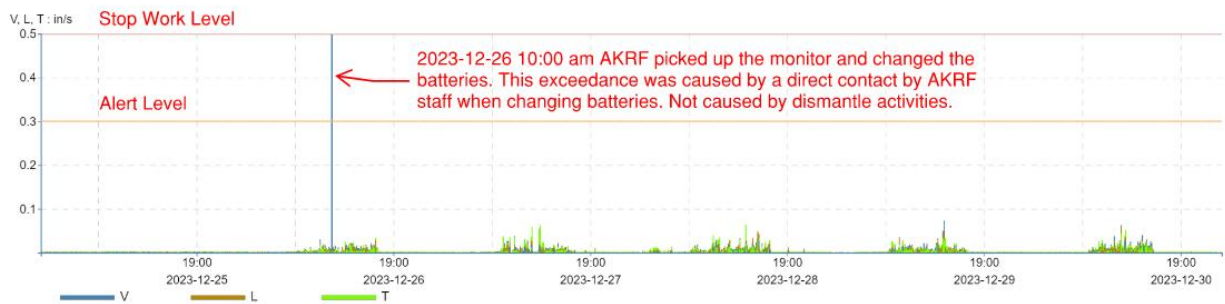
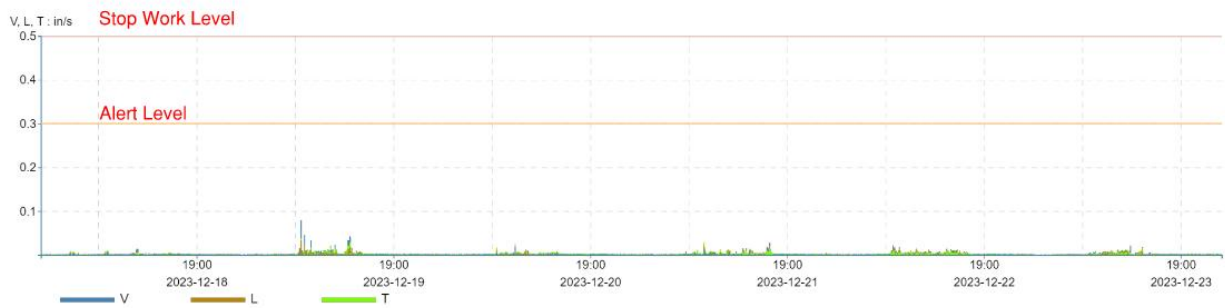
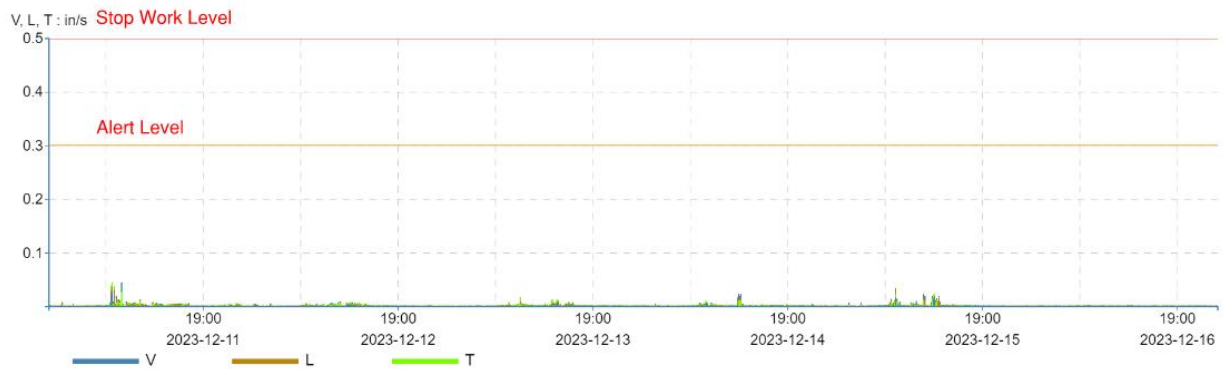
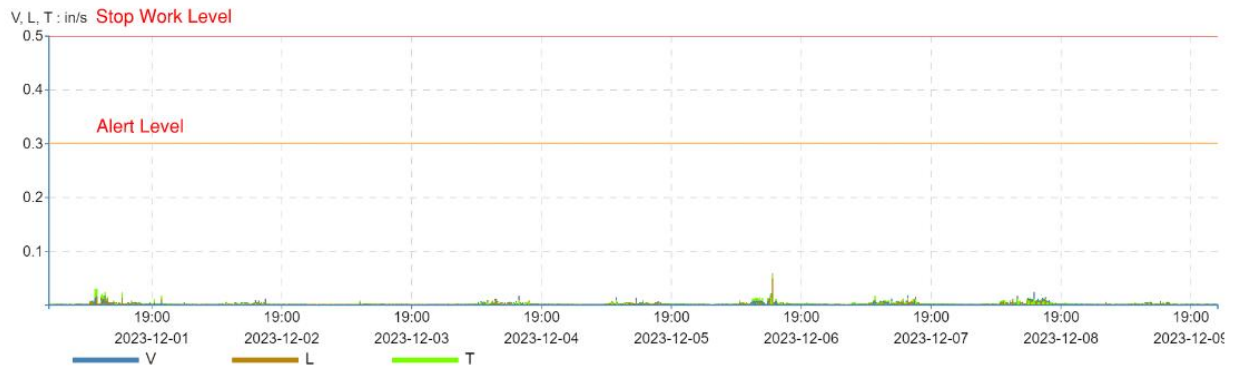
Vibration Monitor – VM1 December 2023

FAMILY JUSTICE CENTER – NORTHEAST CORNER



Vibration Monitor – VM2 December 2023

DA WING – NORTHWEST CORNER



Vibration Monitor – VM3 December 2023

ANNEX – BASEMENT FIRE PUMP ROOM

