EXCEL Environmental Resources, Inc.

INDEPENDENT COMMUNITY MONITORING

REPORT No. 3

Monitoring Period: Saturday, Dec. 16th[th], 2024 through Friday, Jan. 31st[st] , 2025

1.0 Project Background and Role of the Independent Community Monitor (ICM):

Excel Environmental Resources, Inc. (Excel) has been contracted by the New York City Department of Design and Construction (NYCDDC) to serve as the ICM for the Borough Based Jails Program – Manhattan Dismantle and Swing Space (BBJ-MDSS) project for independent oversight of the dismantling project given the proximity of adjacent sensitive receptors, including residents, commercial/retail businesses and institutions, the courthouse, and parks. ***Following the text of this ICM Report No. 3 is a Data Summary Report which is 24 pages in length.***

On behalf of the NYCDDC, the joint venture of AECOM and Hill International (AECOM-Hill JV) is the construction manager for the BBJ-MDSS project and the Gramercy Group, Inc. (Gramercy) is the demolition, or dismantling, contractor. The dismantling activities are conducted from 7 AM to 3:30 PM Monday through Saturday and the dust, noise, and vibration monitoring is conducted by Vibranalysis, Inc. on behalf of Gramercy on a 24-hour per day basis. **Note that, during the reporting period, there was no work at the Site on Saturday, December 21st[st], Wednesday, December 25th[th] (Christmas Day), Saturday, December 28th[th], 2024, Wednesday, Jan. 1st[st], 2025 (New Years Day), Saturday, Jan. 4th[th], 11th[th], and 18th[th], Monday, Jan. 20th[th] (due to inclement weather), and Saturday, Jan. 25th[th], 2025.**

As ICM, Excel provides the following ICM services on behalf of the community:

- Daily review of the dust, noise, and vibration monitoring data for completeness and compliance with established threshold and alert action levels. During the reporting period, air quality monitoring was conducted 24-hours per day at eight (8) Air Monitoring Stations located around the perimeter and off the Site until November 15th[th] when one monitoring station (AQS-007) was removed from the 4th[th] Floor of the Chung Pak building with the intention of relocating it at a future date. Each of the Community Air Monitoring Plan (CAMP) stations contains a dust and noise meter. In addition, there are 19 perimeter vibration monitoring stations.
- The CAMP and vibration monitoring locations are shown in the Site Map provided on Page 2 of 24 of the enclosed Data Summary Report. As discussed further in this report, CAMP station AQS-992 was removed from inside the Chung Pak Building on December 19th[th], 2024, following completion of the North Tower Gym Wall on December 18th[th], 2024 and, along with AQS-007 which was previously removed in November 2024, are shown with a strike-out on the Site Plan.
- Per approved work plans, the threshold and alert monitoring levels for dust, noise, and vibration during the dismantling project are as follows:

    - **Dust Threshold Level**: 100 micrograms per cubic meter (100 ug/m^3) for airborne particulate matter less than 10 micrometers in size (PM-10) based on a 15-minute time weighted

average (TWA). If exceeded, onsite activities are adjusted if necessary, and additional dust suppression measures must be used.

- **Dust Alert/Stop Work Level**: 150 ug/m^3 for PM-10 based on a 15-minute TWA which is considered the Short-Term Exposure Limit (STEL). The Permissible Exposure Limit (PEL), the regulatory limit to protect public health and welfare with respect to PM-10, is based on a 24-hour TWA. The 15-minute TWA, or STEL, is used to aid the BBJ-MDSS Project Team to monitor the project's effect on PM-10 air quality more closely. If the 15-minute TWA for PM-10 is exceeded, work is stopped, the source (s) are evaluated, onsite activities are adjusted if/as necessary, additional best management practices (BMPs) implemented prior to resuming work, and dust levels confirmed to be below threshold and alert levels.
- **Noise Alert Level:** Weekdays between 7 AM and 6 PM, noise from Site activities cannot exceed 80 A-weighted decibels (dBA) measured 50 or more feet from the property line, or 70 dBA or an increase of 7 dBA above ambient background, whichever is higher, on weekday evenings between 6 PM and 7 AM and all day/night on weekends.
- **Vibration Warning and Action Levels:** A warning level of 0.5 inches per second (in/sec) at which point onsite activities are evaluated to determine if any adjustments need to be made and work must be stopped and the work area inspected if vibrations at one or more monitoring stations are measured above the action level of 1.0 in/sec.

- Follow up with the AECOM-Hill JV and NYCDDC project representatives to discuss any exceedance or excursion of one or more alert action level, evaluate the findings of their investigation of the cause (s) and corrective action (s) taken to mitigate the situation and restore the alert condition to below threshold levels.

  - Excel receives daily excursion investigation summaries for review to evaluate the cause of any noise, dust, or vibration alert level exceedance, the scope of investigation, and the corrective actions taken if related to onsite activities.

- Conduct one monthly unscheduled Site inspection to include real-time verification of dust and noise levels at and surrounding the Site and observe and photo-document the ongoing dismantling activities for adherence to monitoring plans and BMPs.
- Prepare and submit weekly and monthly reports summarizing the results of the dust, noise, and vibration monitoring noting any exceedance of the alert action levels, relaying the cause (s) of the exceedance as determined by the NYCDDC project team based on investigation of each alert, the corrective action (s) taken in response to the exceedance, Excel's findings and observations during our once per month Site inspection, and outlining additional recommendations, if any.
- Participation in one monthly Working Group, or similar meeting, with the NYCDDC project team, representatives of the community and local elected officials and other stakeholders to discuss Excel's findings and observations related to Site activities and dust, noise, and vibration monitoring data, relay any issue of concern and associated recommendation (s) to address or mitigate the concern, and answer questions from the participants at the meeting.
- Respond to questions or concerns raised by the community and/or elected officials if not appropriately and timely addressed by the NYCDDC project team and provide Excel's observations and any recommendations via email or conference call as the dismantling activities progress.

2.0 Dismantling and Related Activities During the Reporting Period Dec. 16th, 2024 – Jan. 31st, 2025

- North Tower Wall removal adjacent to the Chung Pak building (Completed on Dec. 18th, 2024)
- Dismantling of the Sally Port adjacent to the Court House on the south side of the Site
- North Courthouse 3rd and 12th Floor Bridge Infill
- Processing of concrete and other debris generated during dismantling
- North and South Tower basement support of excavation (SOE)
- Re-point, Parge, Flashing & Waterproof of Stucco Chung Pak Wall
- Railing Installation at Chung Pak Building
- Install CMU Infill Materials at Chung Pak Wall
- Equipment demobilization and removal from the Site
- Continued 24 hours per day noise, dust, and vibration monitoring and monitoring of the MTA tunnel with a MTA inspector
- Implementation of dust mitigation BMPs, weather permitting and as needed for controlling dust generation on Site as necessary to ensure that dust levels at the offsite monitoring stations are maintained below alert levels
- Implementation of noise mitigation BMPs, including use of sound attenuation blankets and movable acoustic barriers placed around active dismantling operations, onsite monitoring of noise during movement of equipment and adjusting heavy machinery as necessary to reduce bounce back from adjacent structures, etc.

3.0 Excel's Site Visits Work Scope, Findings, and Observations:

A. January 28th, 2025 Site Visit

- Ms. Megan DeMatteo of Excel conducted an unscheduled visit to the Site on January 28th, 2025 to verify offsite and onsite noise and dust/particulate levels arriving at the Site at 9:00 AM. Weather conditions were sunny with the temperature between 35- and 40-degrees Fahrenheit.

- Using a hand-held PDR-100 Multi-Ram Dust Monitor and an Edge 5 Noise Dosimeter, M. DeMatteo of Excel took real time, instantaneous dust/particulate and noise readings at the five (5) of the offsite, outside perimeter CAMP monitoring stations surrounding the Site with the results summarized as follows:

    - **Offsite CAMP Station AQS 975**: No measurable dust/particulates and noise measured below the action level at 63.1 dBA.
    - **Offsite CAMP Station AQS 977:** Dust/particulates and noise measured below the action level at 5.0 ug/m^3 and 63.1 dBA, respectively.
    - **Offsite CAMP Station AQS 993**: No measurable dust/particulates and noise measured below the action level at 67.6 dBA.
    - **Offsite CAMP Station AQS 997:** Dust/particulates and noise measured below the action level at 5.0 ug/m^3 and 63.2 dBA, respectively.
    - **Offsite CAMP Station AQS 998:** Dust/particulates and noise measured below action levels at 7.0 ug/m^3 and 67.6 dBA, respectively.

- M. DeMatteo visually inspects the sidewalk and roadway opposite the Site entrance/exit for any visible sign of dust/particulate tracking offsite and finds none (**See Photos No. 1 and 2 of the Data Summary Report No. 3**).

- M. DeMatteo proceeds to the construction Site and speaks with M. Schnurr of AECOM-Hill to gain onsite access and observe current Site activities while taking real-time, instantaneous dust/particulate and noise readings on the Site using the hand-held PDR-100 Multi-Ram Dust Monitor and Edge 5 Noise Dosimeter, respectively.

  - M. Schnurr escorts M. DeMatteo across the Site and she photographs the Site conditions and ongoing activities which include brick work in progress on the Courthouse building and flashing installation on the Chung Pak building, **See the Site Photographs in the enclosed Data Summary Report No. 3.**

  - Onsite, real-time, instantaneous dust/particulate levels were measured using the hand-held PDR-100 Multi-Ram Dust Monitor and noise was measured using a hand-held Edge 5 Noise Dosimeter with measurements summarized as follows:

    - Dust/particulates below action levels with measurements ranging from none measurable to 16.0 ug/m3.
    - Noise levels below action levels with measurements ranging from 64.7 to 69.2 dBA.

  - M. Schnurr accompanies M. DeMatteo to the offsite, perimeter CAMP Stations which are all in operation and M. DeMatteo collects instantaneous, real-time dust and noise measurements using the hand-held PDR-100 Multi-Ram Dust Monitor and an Edge 5 Noise Dosimeter, respectively. The readings are as follows:

    - **Offsite CAMP Station AQS 975:** No measurable dust/particulates and noise measured below the action level at 64.9 dBA.
    - **Offsite CAMP Station AQS 977:** No measurable dust/particulates and noise measured below the action level at 64.4 dBA.
    - **Offsite CAMP Station AQS 993:** No measurable dust/particulates and noise measured below the action level at 72.2 dBA.
    - **Offsite CAMP Station AQS 997:** No measurable dust/particulates and noise measured below the action level at 73.4 dBA.
    - **Offsite CAMP Station AQS 998:** No measurable dust/particulates and noise measured below the action level at 66.2 dBA.

- M. Schnurr then accompanies M. DeMatteo to the AECOM-Hill construction office for her to sign in.
- M. DeMatteo leaves the construction office and conducts a final perimeter check of the offsite CAMP units and takes instantaneous, real-time dust and noise measurements using the hand-held PDR-100 Multi-Ram Dust Monitor and Edge 5 Noise Dosimeter, respectively. The readings are as follows:

  - **Offsite CAMP Station AQS 993**: No measurable dust/particulates and noise measured below the action level at 63.1 dBA.
  - **Offsite CAMP Station AQS 975**: No measurable dust/particulates and noise measured below the action level at 63.8 dBA.

- **Offsite CAMP Station AQS 977:** Dust/particulates and noise measured below the action level at 5.0 ug/m^3 and 63.4 dBA, respectively.
- **Offsite CAMP Station AQS 998:** Dust/particulates and noise measured below action levels at 7.0 ug/m^3 and 66.2 dBA, respectively.
- **Offsite CAMP Station AQS 997:** No measurable dust/particulates and noise measured below the action level at 66.0 dBA.

➢ M. DeMatteo completed the Site visit at 11:00 AM.

4.0 Summary of Daily Dust Monitoring Data, Dec. 16th, 2024 to Jan. 31st, 2025: During the monitoring period, air quality monitoring was conducted 24 hours per day at seven (7) air quality CAMP stations located around the perimeter and off the Site until December 19th, 2024 after which monitoring station **AQS-992** was removed from the Chung Pak building because the dismantling of the North Tower Gym Wall and associated concrete slab was completed on December 18th, 2024. The CAMP monitoring station locations are shown on the Site Plan provided as Page 2 of 24 of the enclosed Data Summary Report No. 3. AQS-007 was previously removed in November 2024 which is why both AQS-007 and AQS-992 are shown with a strike out on the Site Plan.

Monitoring was conducted at the remaining six (6) air quality CAMP stations located around the perimeter and off the Site designated **AQS-001, AQS-975, AQS-977, AQS-993, AQS-997,** and **AQS-998** for the duration of the reporting period. Daily Dust Monitoring data graphs are provided in Section 1, Pages 3 through 6 of 24 of the enclosed Data Summary Report No. 3. Note again that AQS-007 was not in place during the reporting period and AQS-992 was removed on December 19th, 2024 after the North Tower Gym Wall dismantling was completed. Breaks in monitoring data on the graphs generally indicate loss of battery and maintenance periods.

Key Daily Dust Monitoring observations are as follows:

➢ As shown on Page 6 of 24, there was only one (1) exceedance of the Threshold (100 ug/m3) and Alert (150 ug/m3) Dust Levels which occurred at CAMP Station **AQS-998** on January 13th, 2025.

- The BBJ-MDSS Team reports that work was stopped following the Dust Level exceedance and investigation of the area indicated that the Dust was caused by saw cutting directly next to this monitor.
- After work was stopped and the investigation determined that the cause was the saw cutting, the crew was directed to always use water when cutting.
- When work resumed, there were no other Dust Level exceedances after the corrective action was implemented and no other Dust Level exceedances during the reporting period which ended January 31st, 2025.

5.0 Summary of Daily Noise Monitoring Data, Dec. 16th, 2024 to Jan. 31st, 2025: During the monitoring period, noise monitoring was conducted 24 hours per day at seven (7) air quality CAMP stations located around the perimeter and off the Site until December 19th, 2024 after which, as previously stated, monitoring station **AQS-992** was removed from the Chung Pak building because the dismantling of the North Tower Gym Wall and associated concrete slab was completed on December 18th, 2024. The CAMP monitoring station locations are shown on the Site Plan provided as Page 2 of 24 of the enclosed Data Summary Report No. 3. AQS-007 was previously removed in November 2024 which is why both AQS-007 and AQS-992 are shown with a strike out on the Site Plan.

The Daily Noise Monitoring data graphs are also provided in Section 2 on Pages 7 through 10 of 24 of the enclosed Data Summary Report No. 3. Prior to discussing our key observations, we wanted to clarify that there are two readings being taken with respect to noise monitoring. Review of the noise monitoring graphs provided in Section 2, Pages 7 through 10 of the enclosed Data Summary Report No. 3 shows a blue line which represents the "Lmax 1min" which is the highest sound level measured during a one-minute period and a black line which represents the "Leq 20 min" which represents the continuous sound level averaged over a 20-minute period. Essentially, the Lmax captures the peak noise level within a short time frame, while Leq provides the average noise level over the longer 20-minute duration, including not only sudden loud noises but also quieter times in between.

On Page 3 of the project Environmental Management Plan (EMP) dated January 26, 2022 it states that "the noise level standards/criteria are based on the maximum noise level (Lmax)" and, as previously discussed on Page 2 of this ICM Monitoring Report, the Lmax cannot exceed the 80 dBA alert level as measured 50 or more feet from the source or sources at a point outside the property line or on a public right-of-way. **For this reason, the Daily Noise Monitoring data graphs provided on Pages 7 through 10 shows both the Lmax (blue line) and Leq (black line) readings.**

Note that breaks in monitoring data on the graphs generally indicate loss of battery and maintenance periods. Review of the Daily Noise Monitoring data graphs for the reporting period indicates the following:

- **AQS-001 (Court House)** - As shown in the noise monitoring graph on Page 7 of 24 of the Data Summary Report, there were multiple Lmax- 1min (blue line) and Leq- 20 min (black line) exceedances of the 80 dBA alert level spread out over the reporting period.

    - Review of the daily equipment status and excursion reports prepared and provided to Excel by Gramercy indicates that most of these exceedances were caused by courthouse activities, although the daily excursion report indicates that on January 9th, dismantling in the form of chopping on the Sallyport adjacent to the courthouse contributed to the elevated noise levels, in excess of 100 dBA, that were documented in this timeframe.

        - Sound blankets and foam boards and a barricade at the bridge level were previously installed in this area and reduced the noise from the chopping activities at the Sallyport.
        - The Gramercy report also indicated there were no noise complaints from the Department of Corrections.

- **AQS-975 (Southwest on Centre St)** – As shown in the noise monitoring graph on Page 8 of 24 of the Data Summary Report No. 3, there were multiple Lmax- 1min (blue line) and significantly fewer Leq- 20 min (black line) exceedances of the 80 dBA alert level spread out over the reporting period.

    - Review of the daily equipment status and excursion reports prepared by Gramercy indicates that the exceedances are caused by traffic on Centre Street although Gramercy states that chopping during dismantling of the Sallyport adjacent to the courthouse may have added to the total noise output, but was not the sole cause, during the January 9th and 10th, 2025 timeframe because the work was getting closer to Centre Street.

- **AQS-977 (Northwest on Centre St.)** – Review of the daily equipment status and excursion reports prepared by Gramercy and provided to Excel indicates that all of the noise monitoring graph on Page 8 of 24 of the Data Summary Report No. 3, there were multiple Lmax- 1min (blue line) and significantly fewer Leq- 20 min (black line) exceedances of the 80 dBA alert level spread out during the reporting period.

    - Review of the daily equipment status and excursion reports prepared by Gramercy indicates that the exceedances are caused by traffic on Centre Street and courthouse activities.

- **AQS-992 (125 Walker Street, 3rd Floor)** - As shown in the noise monitoring graph on Page 9 of 24 of the Data Summary Report No. 3, although CAMP station and air monitor AQS-992 was removed on December 19th, 2024 after completion of the North Tower Gym Wall dismantling, there was one slight Lmax- 1min (blue line) and Leq- 20 min (black line) exceedance of the 80 dBA alert level that occurred on December 16th, 2024 before the North Tower Gym Wall dismantling was completed on December 18th, 2024.

    - Review of the daily equipment status and excursion reports prepared by Gramercy and provided to Excel indicates that the exceedances are caused by the North Tower column dismantling when the excavator pulled the column over.
    - Work was stopped in response to the noise level exceedance and the corrective action taken was that the next column that was removed, the muncher attachment was used and the noise level fell back to below the action level.

- **AQS-993 (Southeast on Baxter St.)** - As shown in the noise monitoring graph on Page 9 of 24 of the Data Summary Report No. 3, there were multiple Lmax- 1min (blue line) and significantly fewer Leq- 20 min (black line) exceedances of the 80 dBA alert level spread out over the reporting period.

    - Review of the daily equipment status and excursion reports prepared by Gramercy and provided to Excel indicates that the exceedances were caused by traffic on Baxter Street and some of the higher recorded noise levels on January 21st and 28th, 2025 were recorded were after work hours and likely attributed to car/truck horns and/or sirens.

- **AQS-997 (Northeast on Baxter St.)** - As shown in the noise monitoring graph on Page 10 of 24 of the Data Summary Report No. 3, there were multiple Lmax- 1min (blue line) with significantly fewer Leq- 20 min (black line) exceedances of the 80 dBA alert level spread out over the reporting period.

    - Review of the daily equipment status and excursion reports prepared by Gramercy and provided to Excel indicates that all of the exceedances are caused by traffic on Baxter Street, including the noise spike on January 29th, 2025 which occurred when there was no work being conducted at the Site.

- **AQS-998 (Baxter St. between White and Walker)** - As shown in the noise monitoring graph on Page 10 of 24 of the Data Summary Report No. 3, there were multiple Lmax- 1min (blue line) with significantly fewer Leq- 20 min (black line) exceedances of the 80 dBA alert level spread out over the reporting period, however, review of the daily equipment status and excursion reports

prepared by Gramercy and provided to Excel indicate that only one noise level exceedance was related to the site, specifically:

- While mixing stucco material on December 17th, 2024, the work was being conducted directly next to CAMP stations AQS-998 which caused a noise spike.
- Corrective action was moving the mixing location away from the monitor which resulted in the noise levels going back down to below action levels where they remained.

6.0 Summary of Daily Vibration Monitoring Data, Dec. 16th, 2024 to Jan. 31st, 2025: During this reporting period, vibration monitoring was conducted 24 hours per day, initially at 19 Vibration Monitoring Stations located around the perimeter and off the Site designated R-04 through R-25 until December 19th, 2024 when stations R-17, R-22, R-23,R-24, and R-25 located in the Chung Pak Building were removed because the North Tower Gym Wall dismantling was completed on December 18th, 2025. The Vibration Monitoring locations are shown on the Site Plan provided on Page 2 of the enclosed Data Summary Report No. 3. The Daily Vibration Monitoring data graphs are provided in Section 3, Pages 11 through 20 of the enclosed Data Summary Report. Key observations are as follows:

- Review of the data indicates there were the following exceedances of the 1.0 in/sec Maximum Vibration Level, or Stop Work Limit as follows:

  - As shown on Page 11 of 24 of the Data Summary Report No. 3, Vibration Monitor R-05 located in the Chung Pak Building – there was one exceedance on Friday, December 20th, 2024 that, per the Gramercy daily equipment status and excursion report provided to Excel.

    - Following the exceedance, work was stopped in the area and an inspection of the area indicated that it was caused by debris removal using heavy equipment in the immediate vicinity of the monitor.
    - The heavy equipment was repositioned and there were no further vibration action level exceedances.

  - As shown on Page 12 of 24 of the Data Summary Report, there were several exceedances of the Maximum Vibration Level at Monitor R-06 located in the Chung Pak Building that occurred December 16th, 17th, 18th, 19th, and 20th, 2024. Review of the daily equipment status and excursion reports prepared by Gramercy and provided to Excel indicate that only the exceedances that occurred on December 16th and 17th were related to the dismantling activities, specifically:

    - On December 16th, 2024, an excavator was being used to dismantle the North Tower column and, when the column was pulled over, the vibration exceedance occurred. This event also corresponds to the noise level exceedance on this same day at AQS-992 as described in Section 5.0.

      - The work was stopped and Gramercy gained access to vibration monitor R-06 and inspected the CMU wall that the monitor is located on and there was no displacement.

- The corrective action was to switch to a muncher attachment for the second column and there were no further exceedances. The vibration monitor was also tested to ensure it was working properly which it was.

▪ On December 17th, 2024, an excavator was being used to dismantle the North Tower concrete slab to prepare for raker installation when the vibration exceedance occurred.

- Work was stopped and Gramercy inspected the CMU wall at the Chung Pak and found nothing disturbed.
- The corrective action was to switch to the use of a muncher attachment and the work was completed without any exceedance.

o As shown on Page 16 of 24 of the Data Summary Report, there were Maximum Vibration Level exceedances recorded at Monitor R-14 located in the courthouse on December 23rd and 24th, 2024 and on January 27th, 2025, however, review of the daily equipment status and excursion reports prepared by Gramercy and provided to Excel indicates that, upon inspection it was determined that these were caused by Department of Corrections staff inadvertently bumping into the monitor, not by dismantling or construction activities at the Site.

o As shown on Page 18 of 24 of the Data Summary Report No. 3, there was one exceedance of the Maximum Vibration Level recorded at Monitor R-22 located in the Chung Pak Building but the exceedance was triggered while the monitor was being removed on December 19th, 2024 following the December 18th, 2024 completion of the North Tower Gym Wall dismantling activities.

7.0 ICM Overall Findings:

➢ Generally, review of the ongoing CAMP and vibration monitoring programs and the noise, dust, and vibration monitoring data indicates that the onsite dismantling, heavy equipment operation, and debris handling practices are consistent with the agency approved work plans and work scopes.

o Note, however that, as previously stated in Section 5.0 of this report, on Page 3 of the project Environmental Management Plan (EMP) dated January 26, 2022 for this project, it states that "the noise level standards/criteria are based on the maximum noise level (Lmax)" which cannot exceed the 80 dBA alert level as measured 50 or more feet from the source or sources at a point outside the property line or on a public right-of-way.

o For this reason, the Daily Noise Monitoring data graphs provided on Pages 7 through 10 of this report include both the Lmax (blue line) and Leq (black line) readings superimposed on the same graph for ease in comparison.

o Following Excel's recommendation in our ICM Monitoring Report No. 2, the two recent AECOM-Hill Monthly Reports for December 2024 and January 2025 include both the Lmax and Leq noise data shown as separate graphs so the community can compare the noise level data but these reports state that the noise action level is based on the Leq and not the Lmax despite the January 26, 2022 EMP referenced above.

- Periodic exceedances of dust, noise, and vibration action levels have occurred during the reporting period and, in these instances, work was stopped and the situation investigated by the AECOM-Hill project team to determine the source (s) and/or cause (s) and, if deemed to be Site-related, corrective action was taken, as appropriate based on the exceedance, to reduce the Site-related noise, dust, and/or vibration levels to below applicable action levels.

    - With the dismantling of the North Tower Gym Wall completed on December 18th, 2024, there have been significantly fewer noise, dust, and vibration action level exceedances recorded by the CAMP station monitors in the vicinity of the Chung Pak building.

- During the Site visit conducted by Excel on January 28th, 2025, M. DeMatteo of Excel verified that all the perimeter, offsite CAMP stations were properly operating and, using hand-held dust/particulate and noise monitors, she verified twice during the inspection that the real-time, instantaneous dust/particulate and noise levels were below action levels at the CAMP locations.

    - M. DeMatteo also used hand-held dust/particulate and noise meters to take instantaneous, real-time onsite dust/particulate and noise measurements in the vicinity of ongoing work activities and verified that dust/particulate and noise levels were below the action levels.

- As further discussed in Section 8 of this Report below, with most of the dismantling work at the Site completed, additional discussion regarding the CAMP scope, means, and methods is recommended prior to initiation of the next phase of construction at the Site.

8.0 ICM Recommendations:

Excel has the following ICM recommendations for the NYCDDC and AECOM-Hill JV project team:

- Currently, dust monitoring is occurring at the remaining six (6) perimeter, offsite CAMP stations shown in the Site Map provided on Page 2 of the enclosed Data Summary Report No. 3 and work is winding down but there is still onsite activity and no instantaneous, real-time monitoring using handheld particulate/dust meters within the various onsite work zones where dust/particulates could become airborne, including very fine PM-2.5 particulates.

    - As a result, there is no way to correlate any perimeter, offsite dust levels recorded at any CAMP station with the onsite work zone activities.

- As previously recommended in our November 26th, 2024 Weekly Report No. 1, we recommend that Gramercy conduct daily instantaneous, real time monitoring of PM-10 dust/particulates using a hand held instrument calibrated daily before the start of work to periodically verify onsite, work area dust levels, including whenever there is an onsite indication of visible dust, even if it is suspected to be water mist from a water cannon, when heavy equipment is being moved or relocated, strong wind or gusts occur on the Site, and/or there is an offsite dust exceedance recorded during onsite working hours at one or more offsite CAMP stations.

- As with dust monitoring, noise monitoring occurs at the six (6) perimeter, offsite CAMP stations shown in the Site Map provided on Page 2 of the enclosed Data Summary Report No. 3 but there is no instantaneous, real-time monitoring using a handheld noise meter within the various work zones at the Site.

- With no real-time, instantaneous, onsite noise monitoring using hand-held instrumentation being conducted, there is no way to correlate the noise levels recorded at the perimeter, offsite CAMP stations with the onsite work zone activities.
- In addition, when a noise alert level exceedance is measured at one or more of the offsite CAMP stations, we recommend that a hand-held noise meter be used to verify the noise level at the CAMP location in addition to making visual inspections of the area because, without confirming the actual noise level at the location of the complaint while work is in progress, the determination that there is no issue of concern is not quantitative or data-driven.

- We recommend that the reporting of both the Lmax and Leq noise data in the AECOM-Hill Monthly Reports continues given that the January 26, 2022 EMP states that the noise standards for the Site are based on the maximum noise level, or Lmax, which cannot exceed the 80cBA alert level as measured 50 or more feet from the source, or sources, of noise at a point outside the property line or public right-of-way.

- Continued, strict adherence to approved work plans, BMPs, and NY City requirements for covering each truck that leaves the Site with a load of concrete, metal, soil/fill, or debris of any kind should continue with daily reinforcement of this and other BMPs during onsite meetings before the start of work each day, as well as maintaining extra tarps to cover a truck in the event that it arrives without an appropriate cover.

- As previously stated in Section 7.0 of this Report, additional discussion is recommended prior to initiation of the next phase of work at the Site regarding dust/particulate and noise monitoring both at the perimeter, offsite CAMP locations as well as within the various work areas on the Site, including discussion adding PM-2.5 particulate monitoring to supplement the PM-10 particulate monitoring data in the CAMP work scope to ensure the safety and protection of the local residents and community.

EXCEL Environmental Resources, Inc.

WEEKLY INDEPENDENT COMMUNITY DATA SUMMARY REPORT No. 3

PROJECT No.:	24846		
PROJECT:	NYC Borough Based Jails System - Manhattan Dismantle and Swing Space	**CLIENT:** New York City Department of Design and Construction (NYDDC)	**DATE:** Mon, February 17th, 2025
LOCATION:	125 White Street, New York, NY 10013		**MONITOR:** Excel Environmental Resources, Inc.

EQUIPMENT: **Edge 5 Noise Dosimeter** **MultiRam (PDR-100) Dust Monitor**	**PRESENT AT SITE DURING EXCEL'S JANUARY 28th, 2025 SITE VISIT:** **Excel** – Megan DeMatteo, Project Scientist/ICM **AECOM-Hill JV** - Michael Schnurr, amongst others

COMMUNITY MONITORING WEEKLY STATUS UPDATE: MONDAY DEC. 16, 2024 - THURSDAY JAN. 31, 2025

This Report contains the following:

- A Site Plan showing current CAMP and Vibration Monitoring Station Locations

- Section 1: Community Air Monitoring Weekly Data Summary Dust Monitoring Graphs

- Section 2: Community Air Monitoring Weekly Data Summary Noise Monitoring Graphs

- Section 3: Community Vibration Monitoring Weekly Data Summary Graphs

- Section 4: A Photographic Summary showing Current Site Conditions

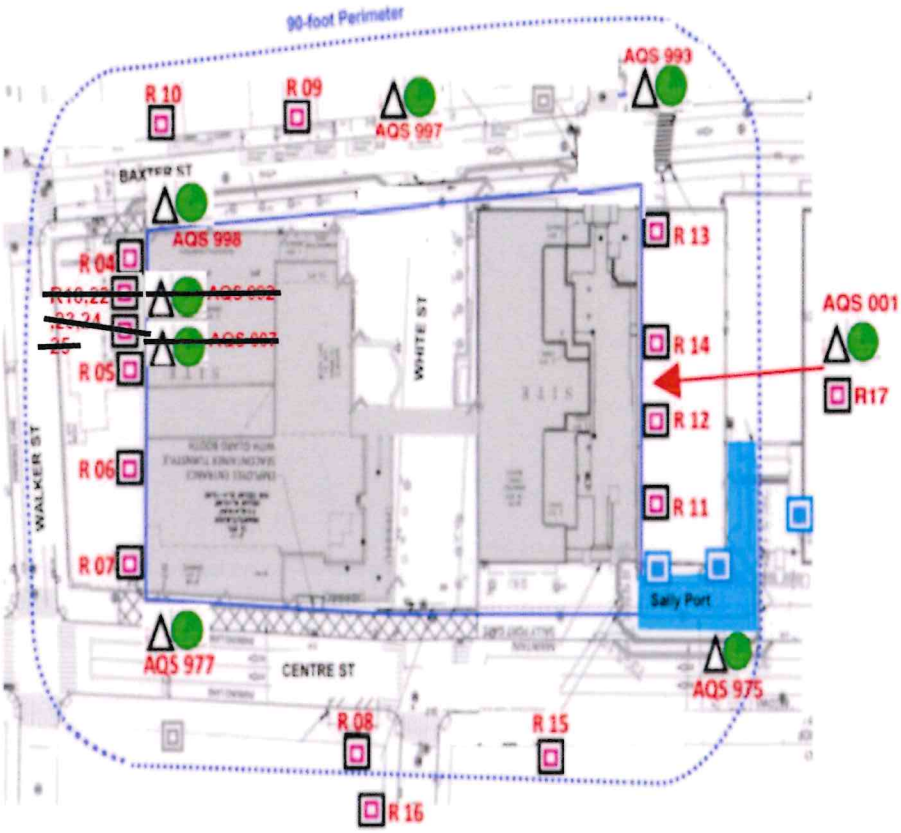
Cc:	Lawra Dodge, Megan DeMatteo, Tim Novy	By:	Brian Ehalt **Excel Environmental Resources, Inc.**

EXCEL Environmental Resources, Inc.

WEEKLY INDEPENDENT COMMUNITY DATA SUMMARY REPORT No. 3

SITE PLAN WITH MONITORING LOCATIONS:

Environmental Monitoring Manhattan



N

* Dismantle project vibration, air and noise monitoring devices are installed by Design-Build team in Phase 2, after sally port construction. A vibration monitoring station was installed in the DCTV Fire house at 87 Lafayette St.

* The location of monitoring stations presented is referential. Air/Noise Monitoring station located in Sally Port area will be relocated in Phase 2.

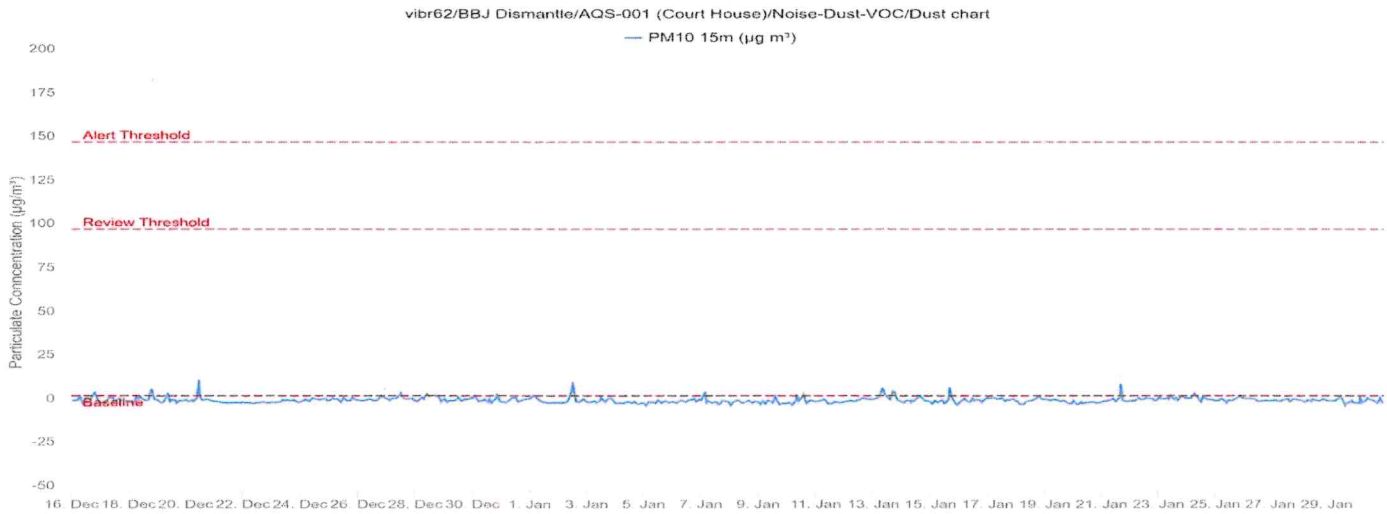
- Vibration Monitoring Dismantle
- Air Monitoring Station Dismantle
- Noise Monitoring Station Dismantle
- **Vibration Monitoring Sallyport construction (Installed)**
- Vibration Monitoring Not installed

Cc:	Lawra Dodge, Megan DeMatteo, Tim Novy	By:	Brian Ehalt
			Excel Environmental Resources, Inc.

EXCEL Environmental Resources, Inc.

WEEKLY INDEPENDENT COMMUNITY DATA SUMMARY REPORT No. 3

1. Community Air Monitoring Weekly Data Summary: Dust Monitoring (PM10) - 12/16/24 to 1/31/25



AQS-001 Court House Dust Monitor - 12/16/24 to 1/31/25

AQS-007 125 Walker Street Dust Monitor - 12/16/24 to 1/31/25

Cc:	Lawra Dodge, Megan DeMatteo, Tim Novy	By:	Brian Ehalt
			Excel Environmental Resources, Inc.

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WEEKLY INDEPENDENT COMMUNITY DATA SUMMARY REPORT No. 3

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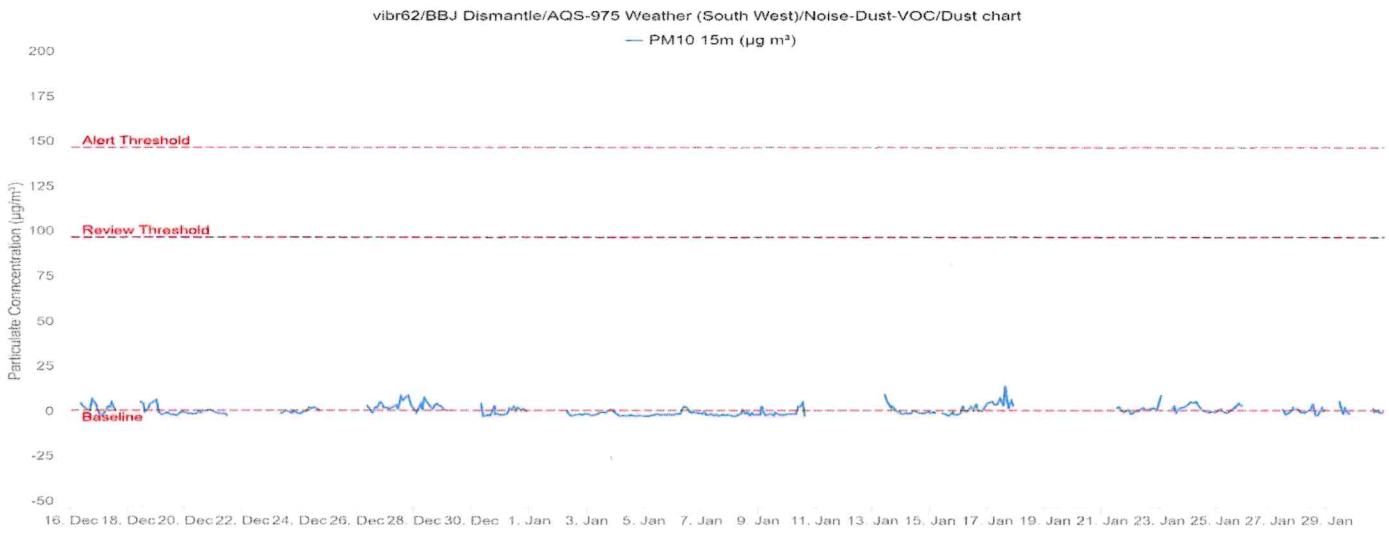
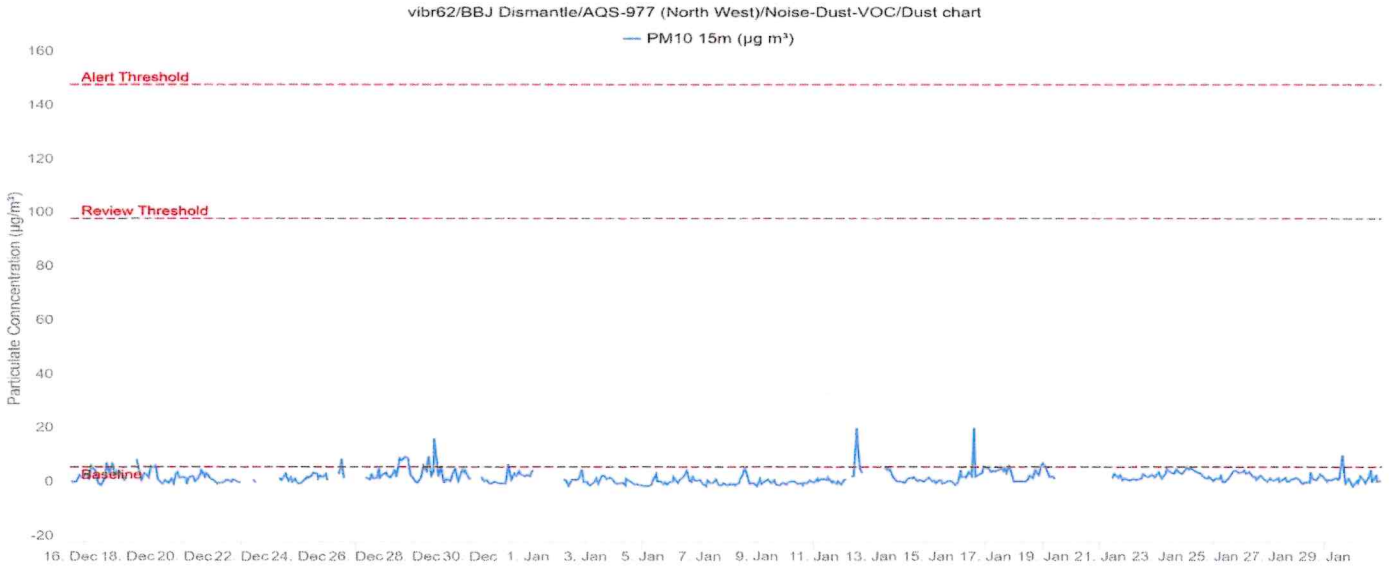


AQS-975 Weather (South West) Dust Monitor - 12/16/24 to 1/31/25



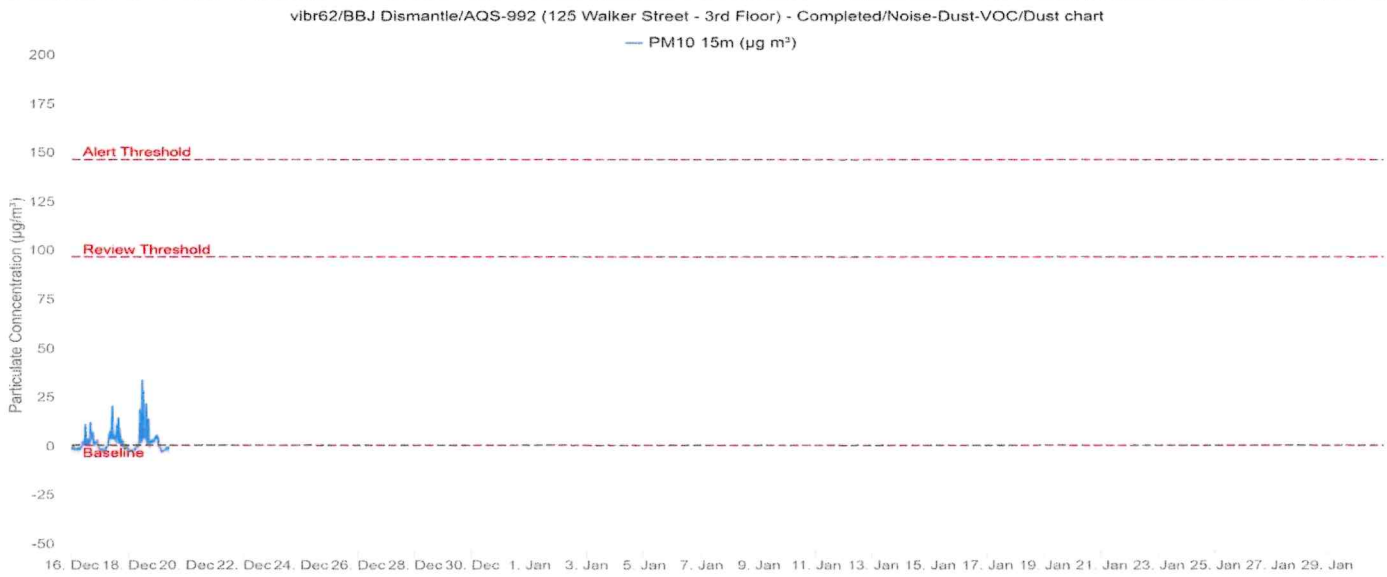
AQS-977 (North West) Dust Monitor - 12/16/24 to 1/31/25

Cc:	Lawra Dodge, Megan DeMatteo, Tim Novy	By:	Brian Ehalt
			Excel Environmental Resources, Inc.

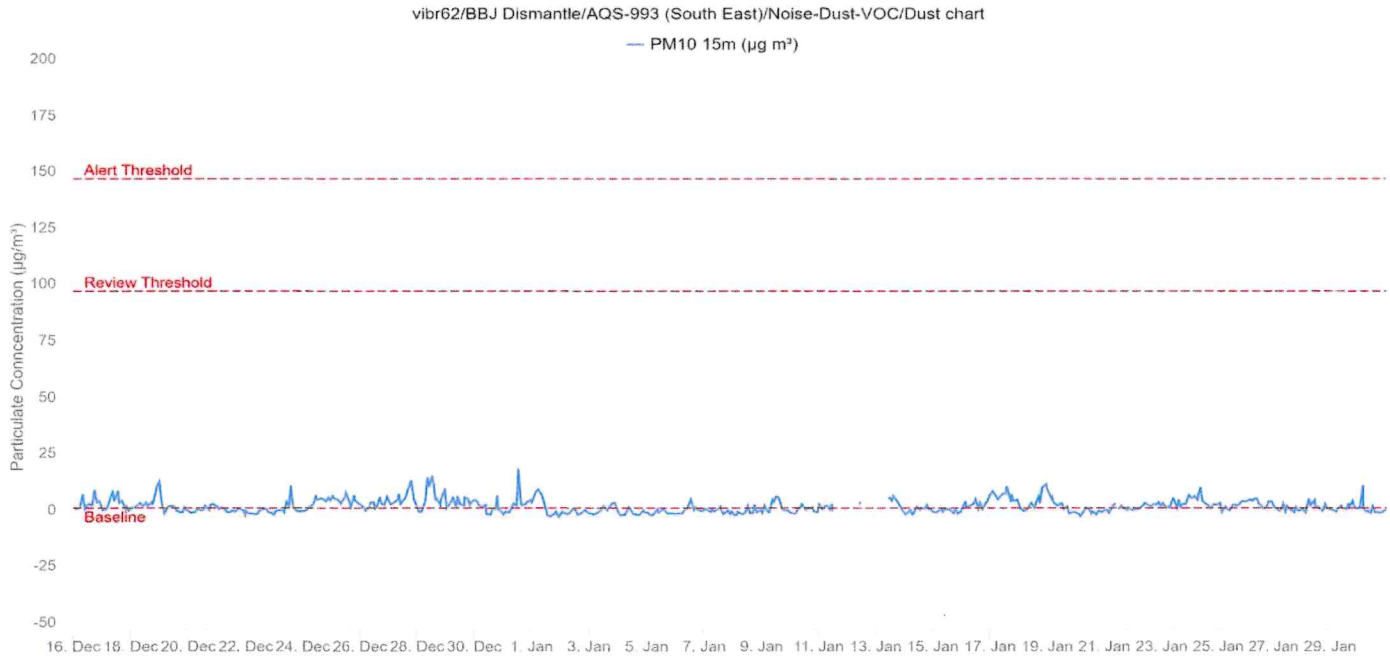
EXCEL Environmental Resources, Inc.

WEEKLY INDEPENDENT COMMUNITY DATA SUMMARY REPORT No. 3

1. Community Air Monitoring Weekly Data Summary: Dust Monitoring (PM10) - 12/16/24 to 1/31/25



AQS-992 125 Walker Street (3rd Floor) Dust Monitor - 12/16/24 to 1/31/25



AQS-993 125 Walker Street (South East) Dust Monitor - 12/16/24 to 1/31/25

Cc:	Lawra Dodge, Megan DeMatteo, Tim Novy	By:	Brian Ehalt
			Excel Environmental Resources, Inc.

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WEEKLY INDEPENDENT COMMUNITY DATA SUMMARY REPORT No. 3

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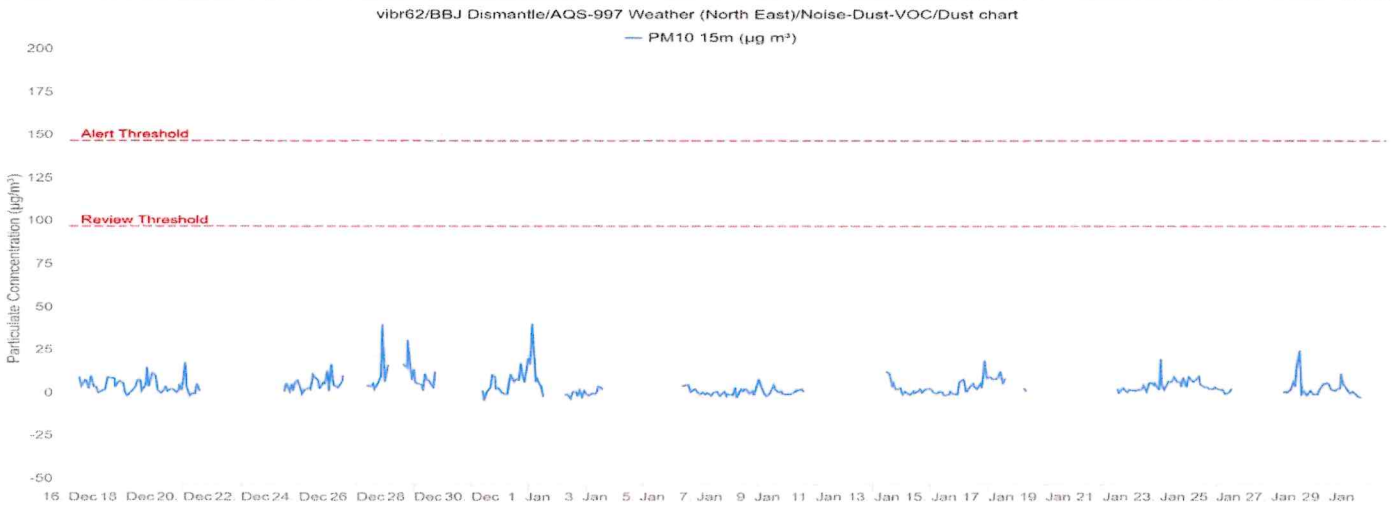
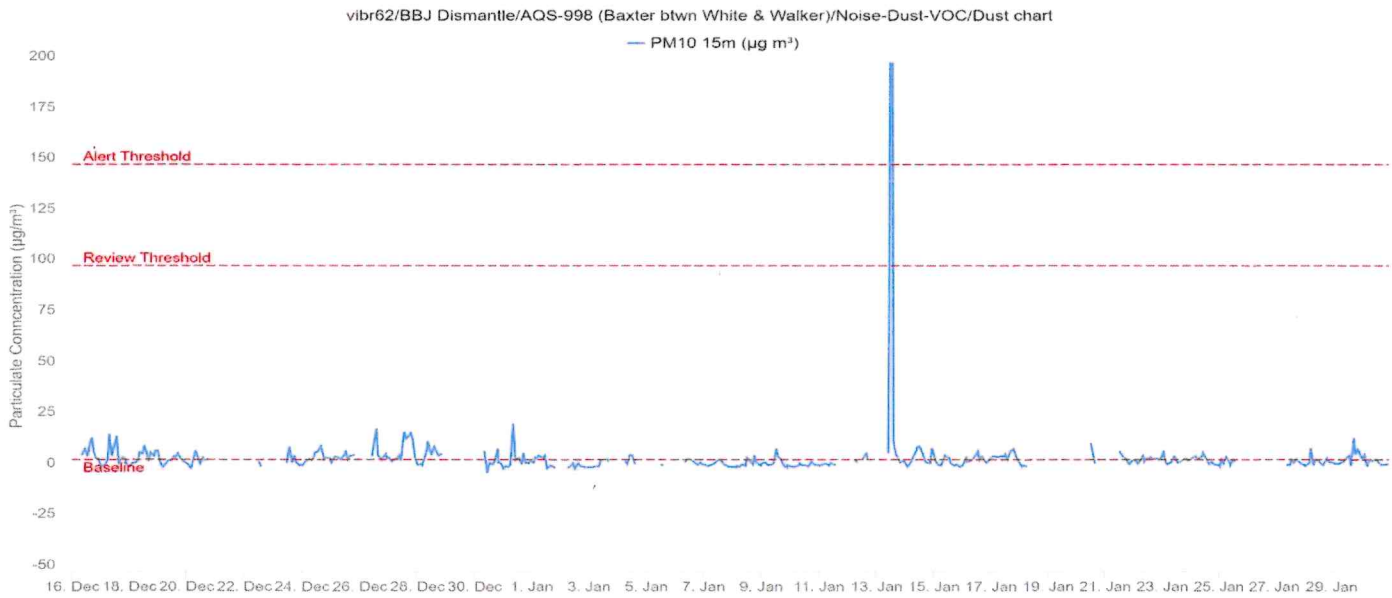


AQS-997 Weather (North East) Dust Monitor - 12/16/24 to 1/31/25



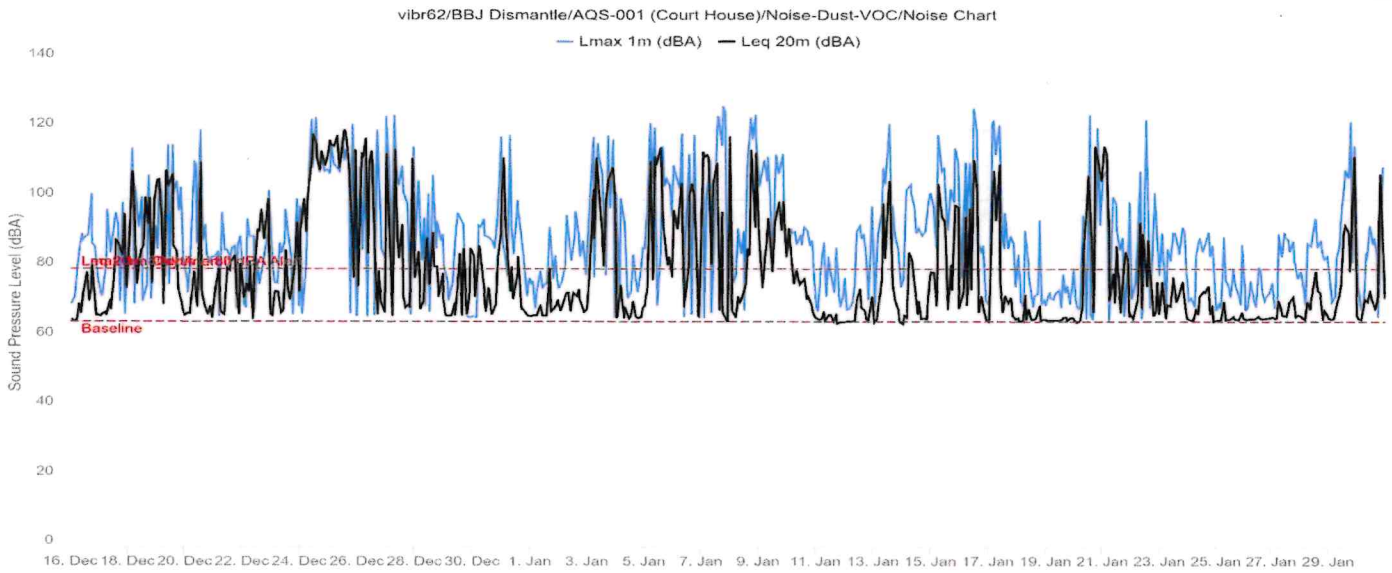
AQS-998 Baxter between White and Walker Dust Monitor - 12/16/24 to 1/31/25

Cc:	Lawra Dodge, Megan DeMatteo, Tim Novy	By:	Brian Ehalt
			Excel Environmental Resources, Inc.

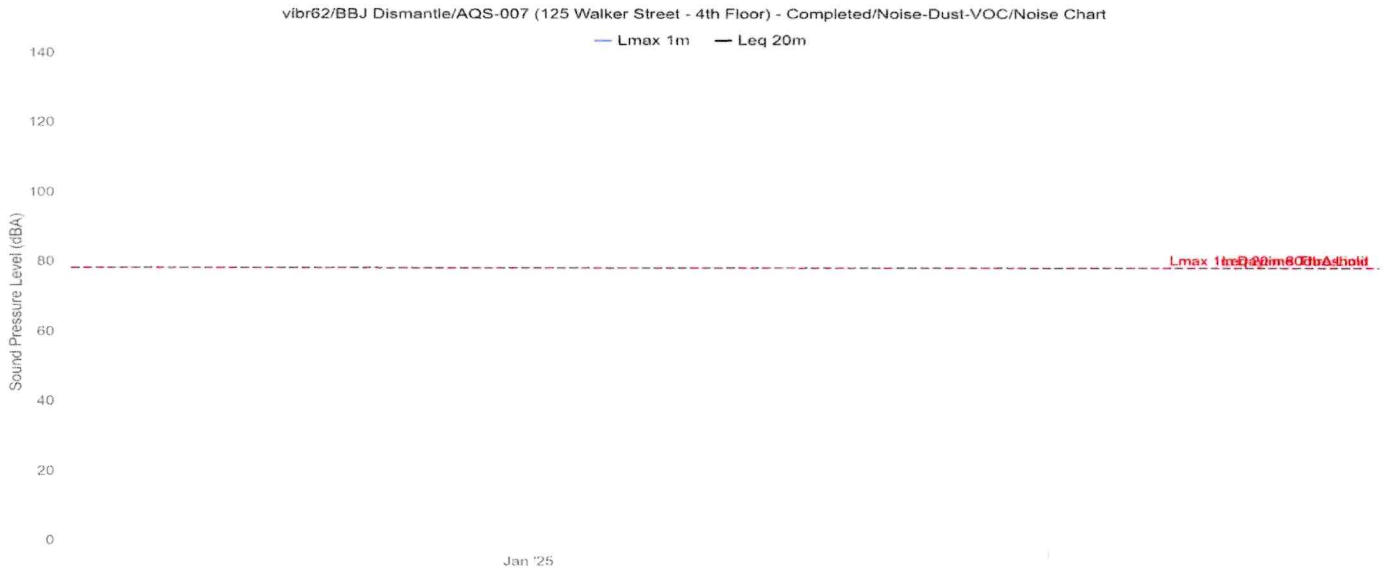
EXCEL Environmental Resources, Inc.

WEEKLY INDEPENDENT COMMUNITY DATA SUMMARY REPORT No. 3

2. Community Air Monitoring Weekly Data Summary: Noise Monitoring - 12/16/24 to 1/31/25



AQS-001 (Court House) Noise Monitor - 12/16/24 to 1/31/25



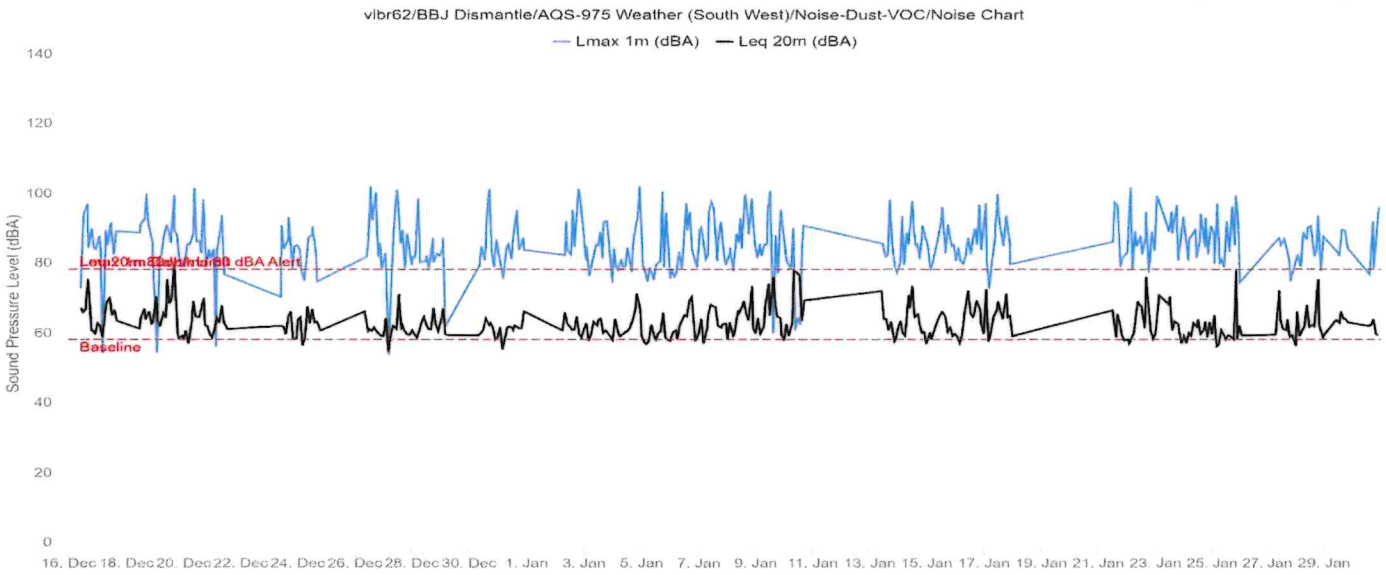
AQS-007 125 Walker Street (4th Floor) Noise Monitor - 12/16/24 to 1/31/25

Cc:	Lawra Dodge, Megan DeMatteo, Tim Novy	By:	Brian Ehalt
			Excel Environmental Resources, Inc.

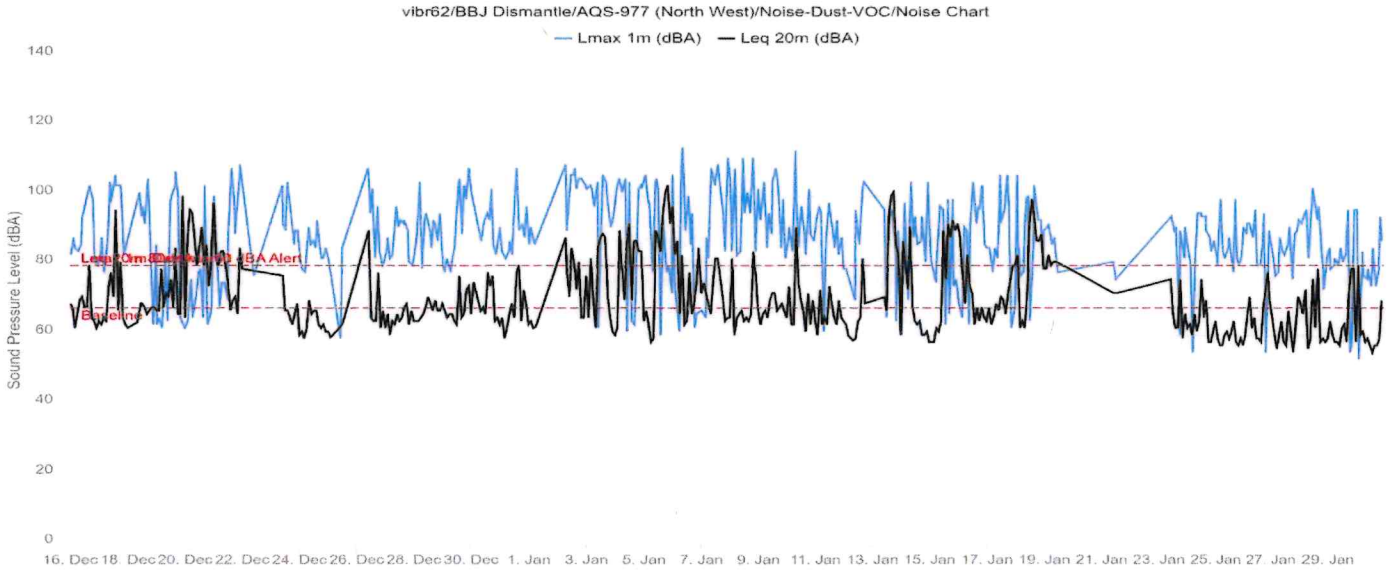
EXCEL Environmental Resources, Inc.

WEEKLY INDEPENDENT COMMUNITY DATA SUMMARY REPORT No. 3

2. Community Air Monitoring Weekly Data Summary: Noise Monitoring - 12/16/24 to 1/31/25



AQS-975 Weather (South West) Noise Monitor - 12/16/24 to 1/31/25



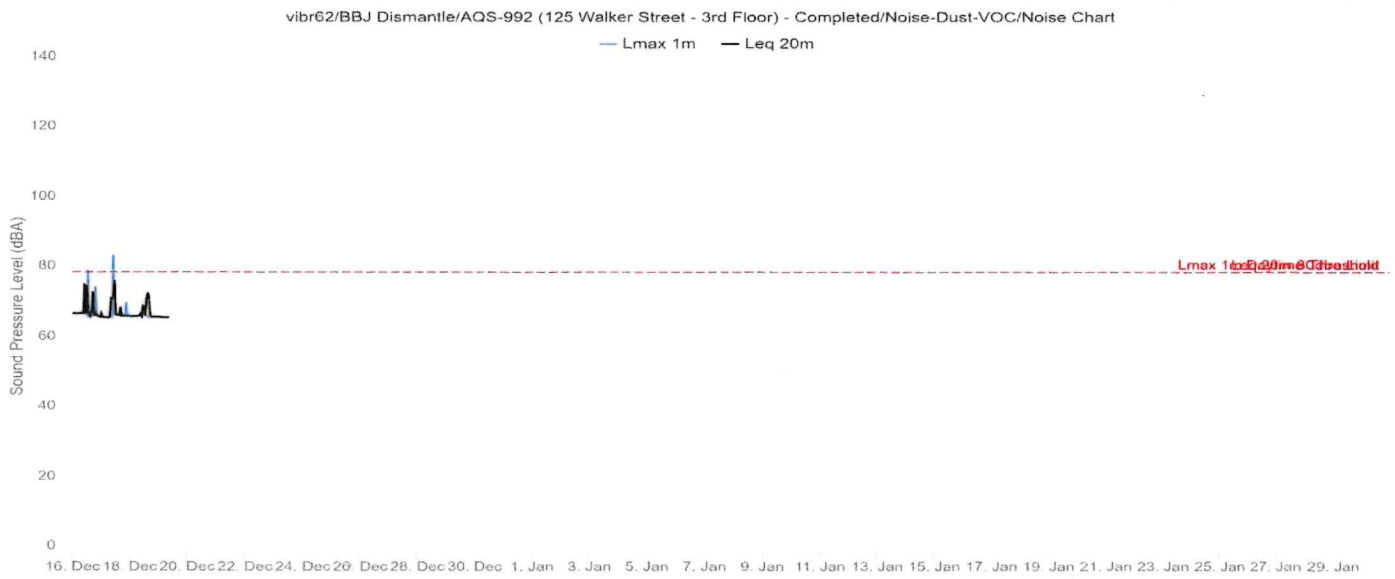
AQS-977 (North West) Noise Monitor - 12/16/24 to 1/31/25

Cc:	Lawra Dodge, Megan DeMatteo, Tim Novy	By:	Brian Ehalt
			Excel Environmental Resources, Inc.

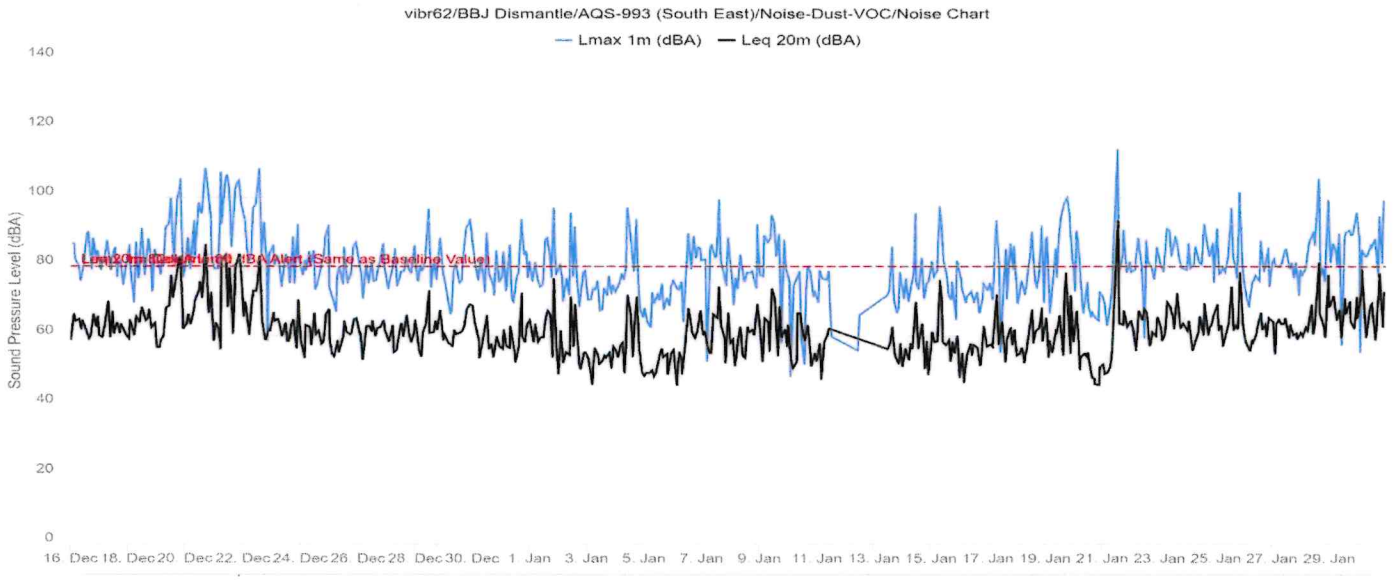
EXCEL Environmental Resources, Inc.

WEEKLY INDEPENDENT COMMUNITY DATA SUMMARY REPORT No. 3

2. Community Air Monitoring Weekly Data Summary: Noise Monitoring - 12/16/24 to 1/31/25



AQS-992 125 Walker Street (3rd Floor) Noise Monitor - 12/16/24 to 1/31/25



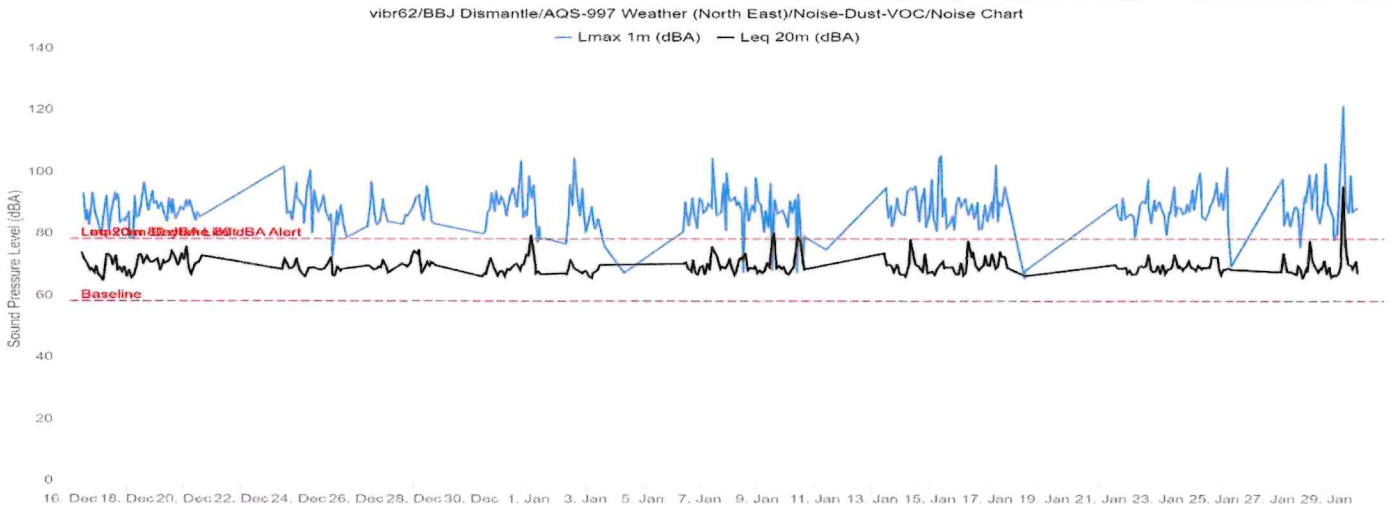
AQS-993 (South East) Noise Monitor - 12/16/24 to 1/31/25

Cc:	Lawra Dodge, Megan DeMatteo, Tim Novy	By:	Brian Ehalt
			Excel Environmental Resources, Inc.

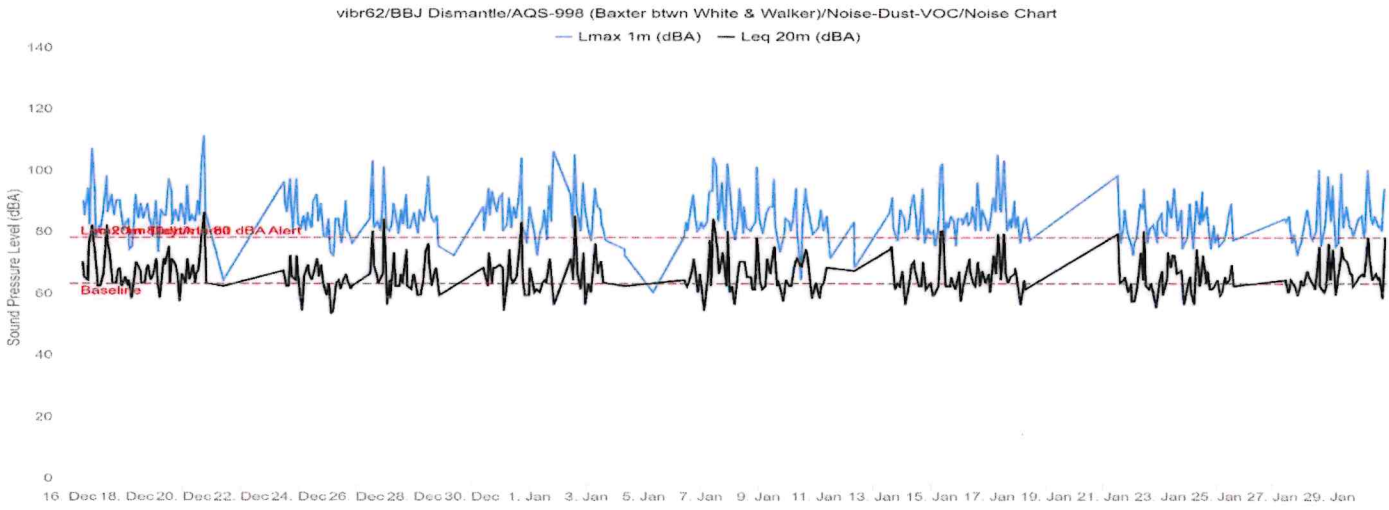
EXCEL Environmental Resources, Inc.

WEEKLY INDEPENDENT COMMUNITY DATA SUMMARY REPORT No. 3

2. Community Air Monitoring Weekly Data Summary: Noise Monitoring - 12/16/24 to 1/31/25



AQS-997 Weather (North East) Noise Monitor - 12/16/24 to 1/31/25



AQS-998 Baxter between White and Walker Noise Monitor - 12/16/24 to 1/31/25

Cc:	Lawra Dodge, Megan DeMatteo, Tim Novy	By:	Brian Ehalt
			Excel Environmental Resources, Inc.

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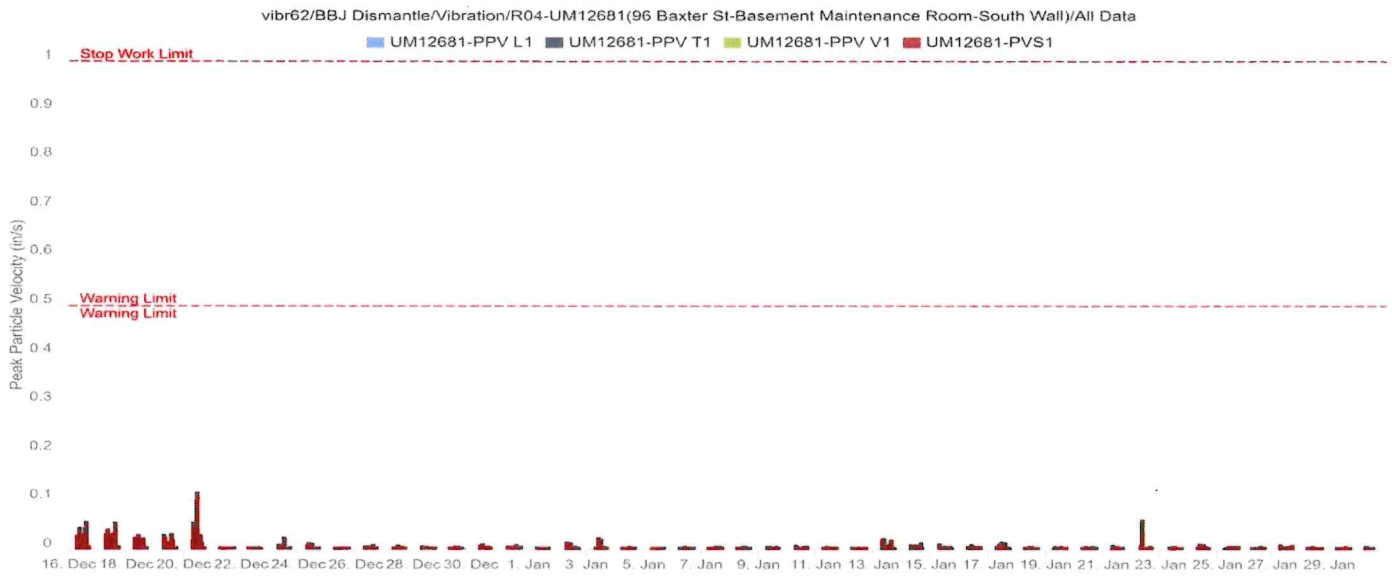
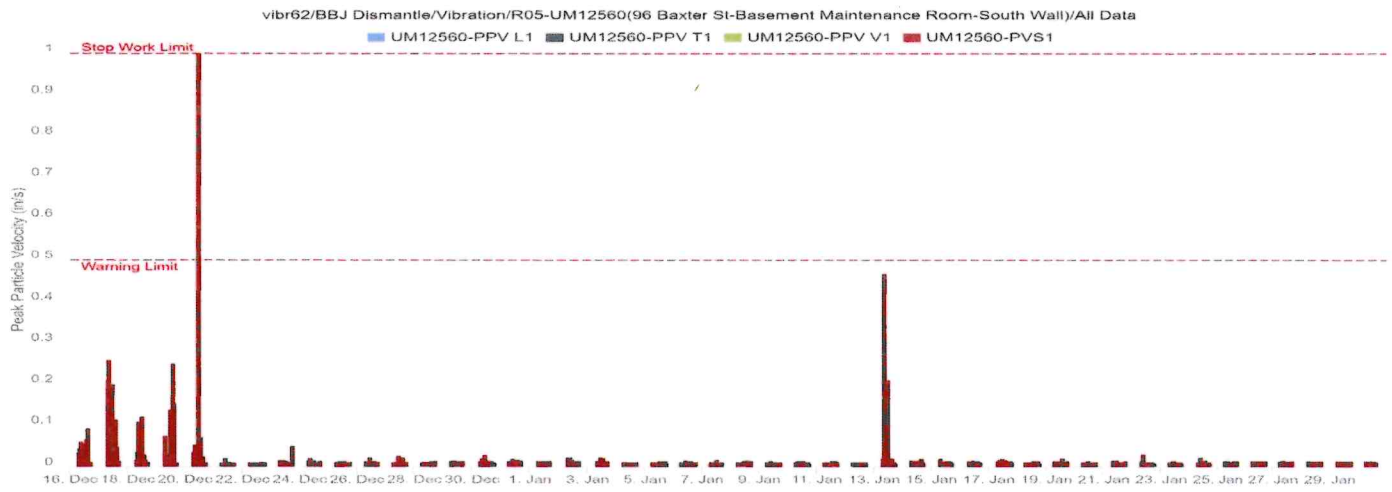
WEEKLY INDEPENDENT COMMUNITY DATA SUMMARY REPORT No. 3

3. Community Vibration Monitoring Weekly Data Summary - 12/16/24 to 1/31/25



Vibration Monitor R04 - 12/16/24 to 1/31/25



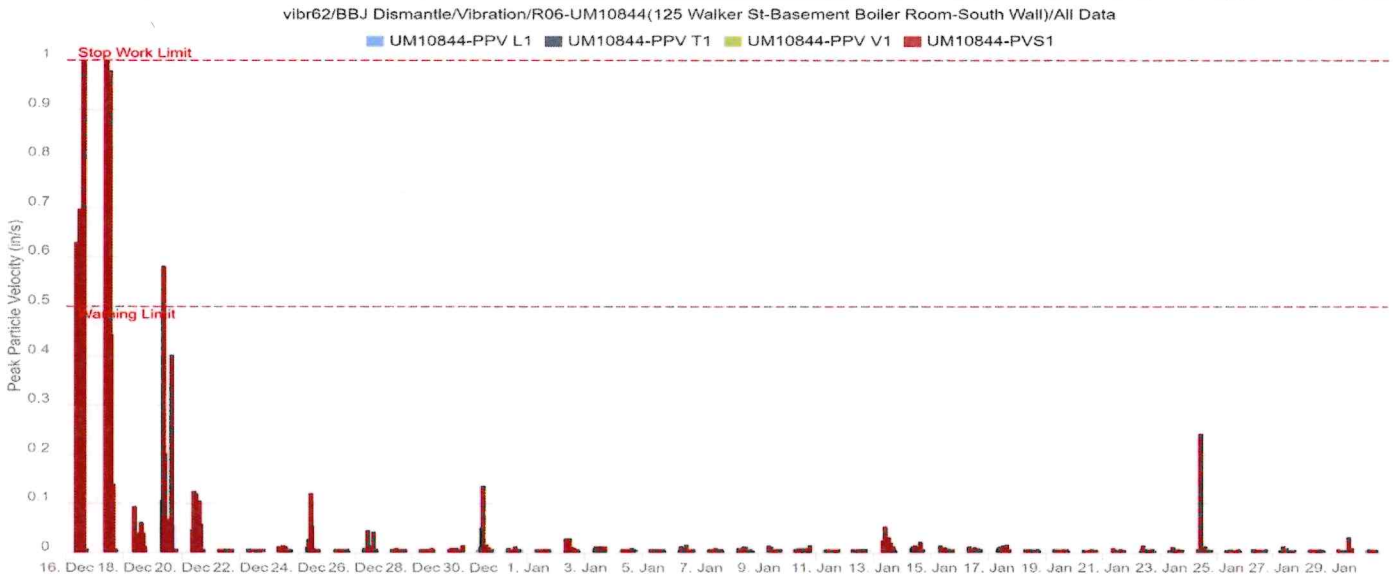
Vibration Monitor R05 - 12/16/24 to 1/31/25

Cc:	Lawra Dodge, Megan DeMatteo, Tim Novy	By:	Brian Ehalt
			Excel Environmental Resources, Inc.

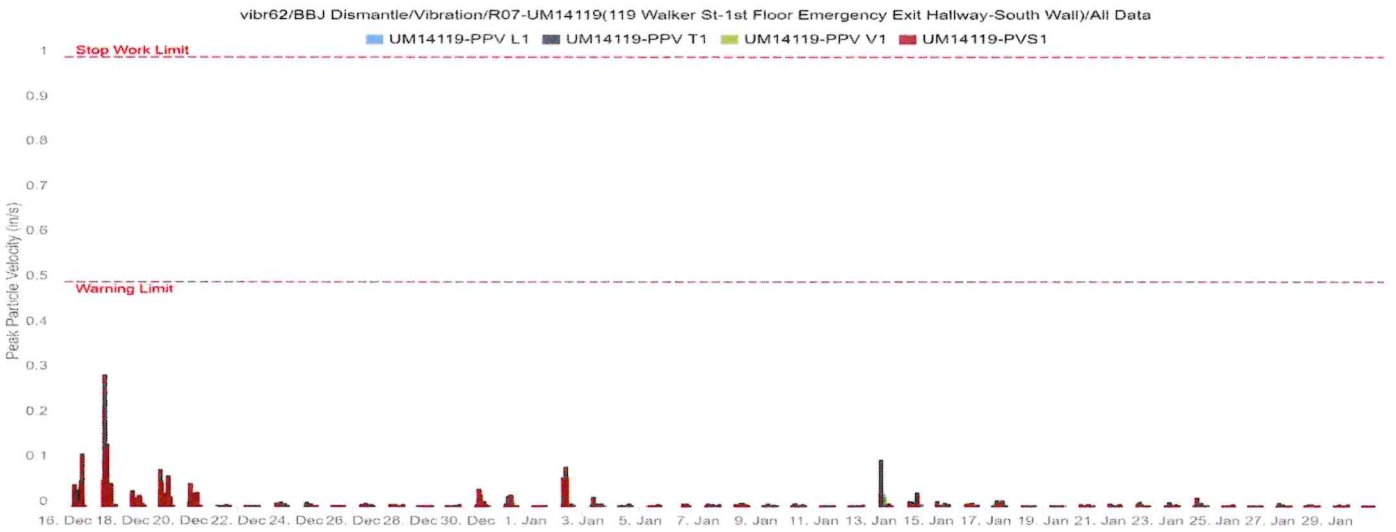
EXCEL Environmental Resources, Inc.

WEEKLY INDEPENDENT COMMUNITY DATA SUMMARY REPORT No. 3

3. Community Vibration Monitoring Weekly Data Summary - 12/16/24 to 1/31/25



Vibration Monitor R06 - 12/16/24 to 1/31/25



Vibration Monitor R07 - 12/16/24 to 1/31/25

Cc:	Lawra Dodge, Megan DeMatteo, Tim Novy	By:	Brian Ehalt **Excel Environmental Resources, Inc.**

EXCEL Environmental Resources, Inc.

WEEKLY INDEPENDENT COMMUNITY DATA SUMMARY REPORT No. 3

3. Community Vibration Monitoring Weekly Data Summary - 12/16/24 to 1/31/25

Vibration Monitor R08 - 12/16/24 to 1/31/25

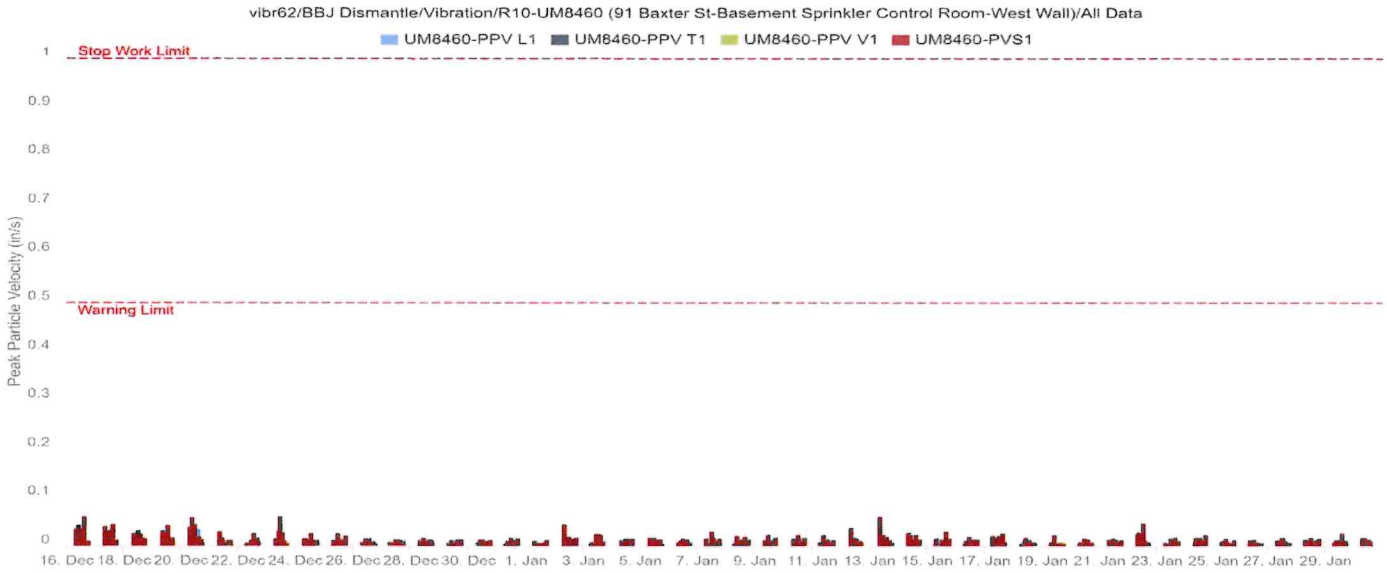
Vibration Monitor R09 - 12/16/24 to 1/31/25

Cc:	Lawra Dodge, Megan DeMatteo, Tim Novy	By:	Brian Ehalt
			Excel Environmental Resources, Inc.

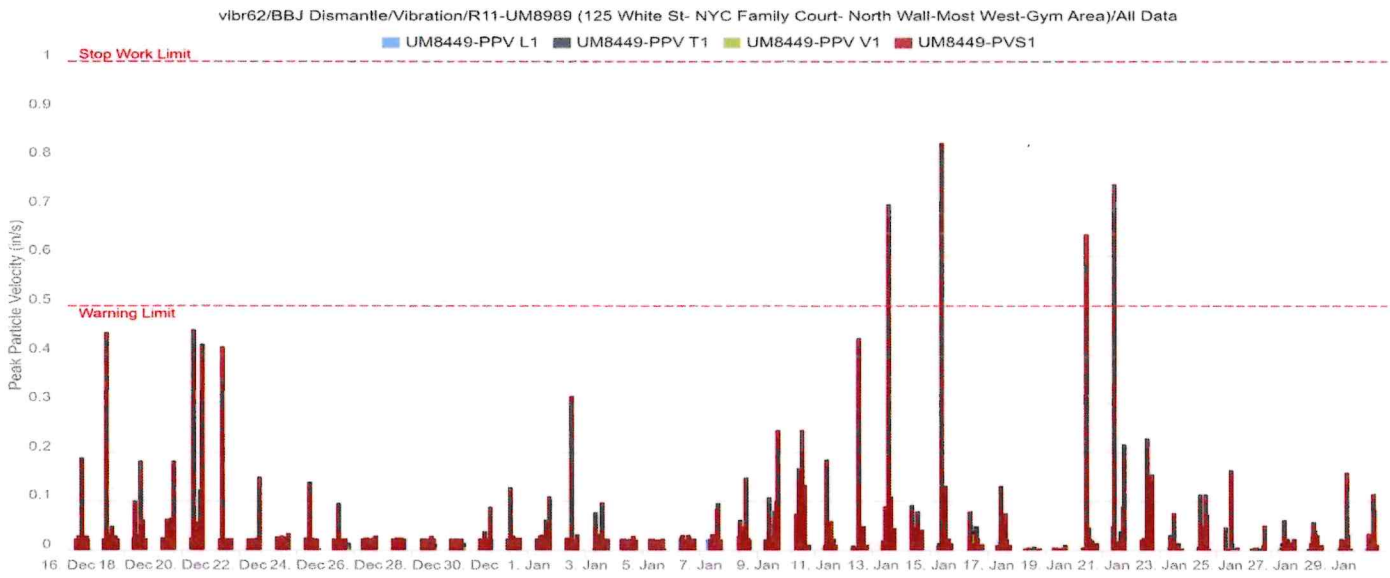
EXCEL Environmental Resources, Inc.

WEEKLY INDEPENDENT COMMUNITY DATA SUMMARY REPORT No. 3

3. Community Vibration Monitoring Weekly Data Summary - 12/16/24 to 1/31/25



Vibration Monitor R10 - 12/16/24 to 1/31/25



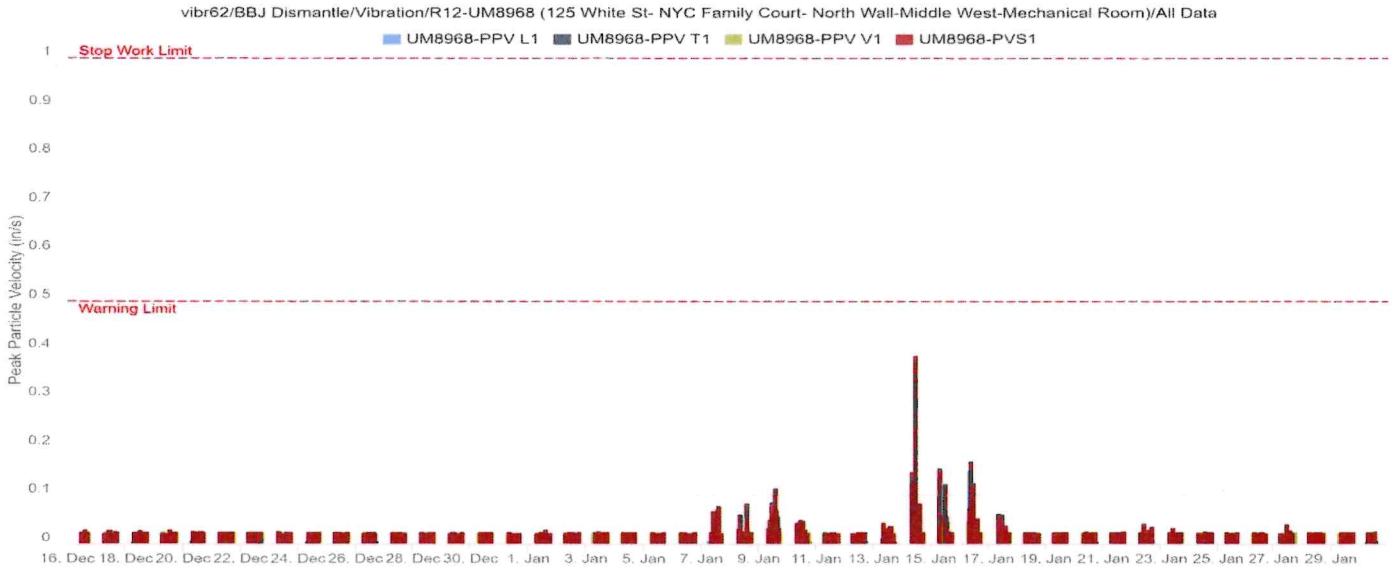
Vibration Monitor R11 - 12/16/24 to 1/31/25

Cc:	Lawra Dodge, Megan DeMatteo, Tim Novy	By:	Brian Ehalt
			Excel Environmental Resources, Inc.

EXCEL Environmental Resources, Inc.

WEEKLY INDEPENDENT COMMUNITY DATA SUMMARY REPORT No. 3

3. Community Vibration Monitoring Weekly Data Summary - 12/16/24 to 1/31/25



Vibration Monitor R12 - 12/16/24 to 1/31/25

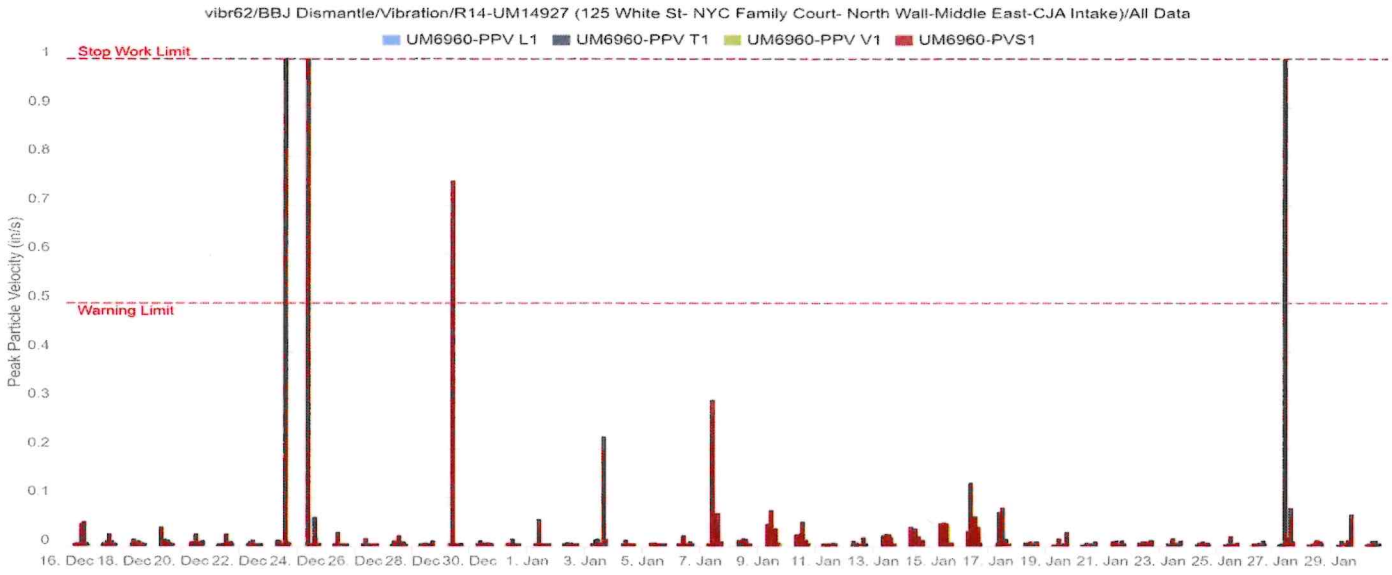
Vibration Monitor R13 - 12/16/24 to 1/31/25

Cc:	Lawra Dodge, Megan DeMatteo, Tim Novy	By:	Brian Ehalt
			Excel Environmental Resources, Inc.

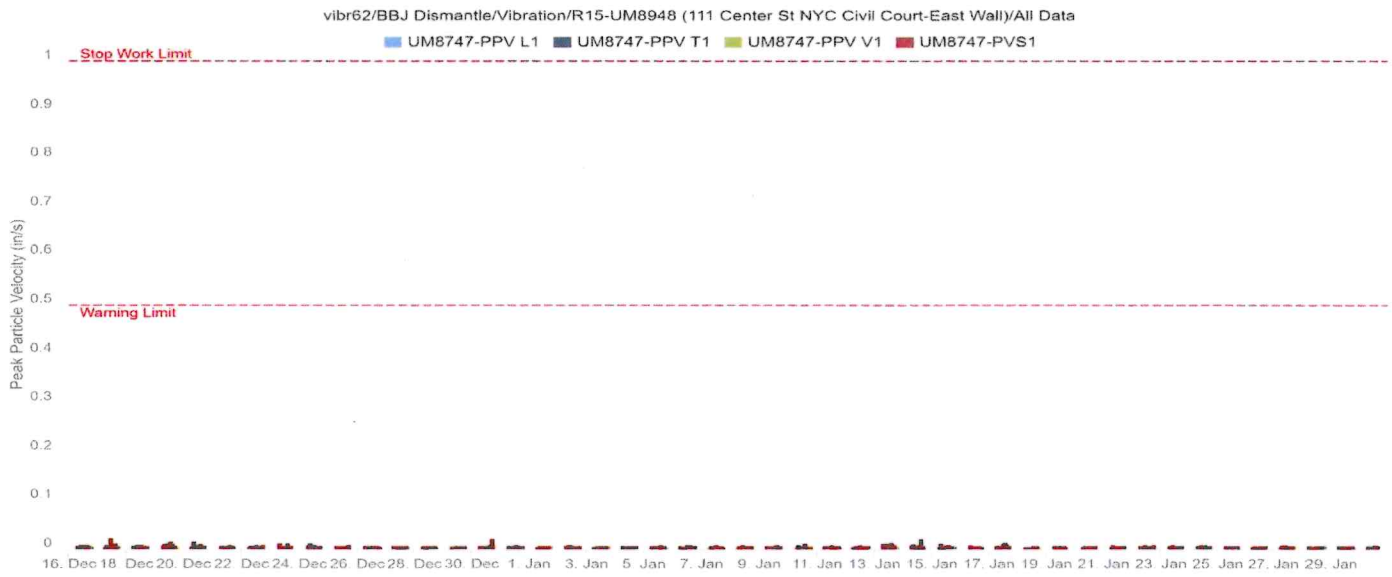
EXCEL Environmental Resources, Inc.

WEEKLY INDEPENDENT COMMUNITY DATA SUMMARY REPORT No. 3

3. Community Vibration Monitoring Weekly Data Summary - 12/16/24 to 1/31/25



Vibration Monitor R14 - 12/16/24 to 1/31/25



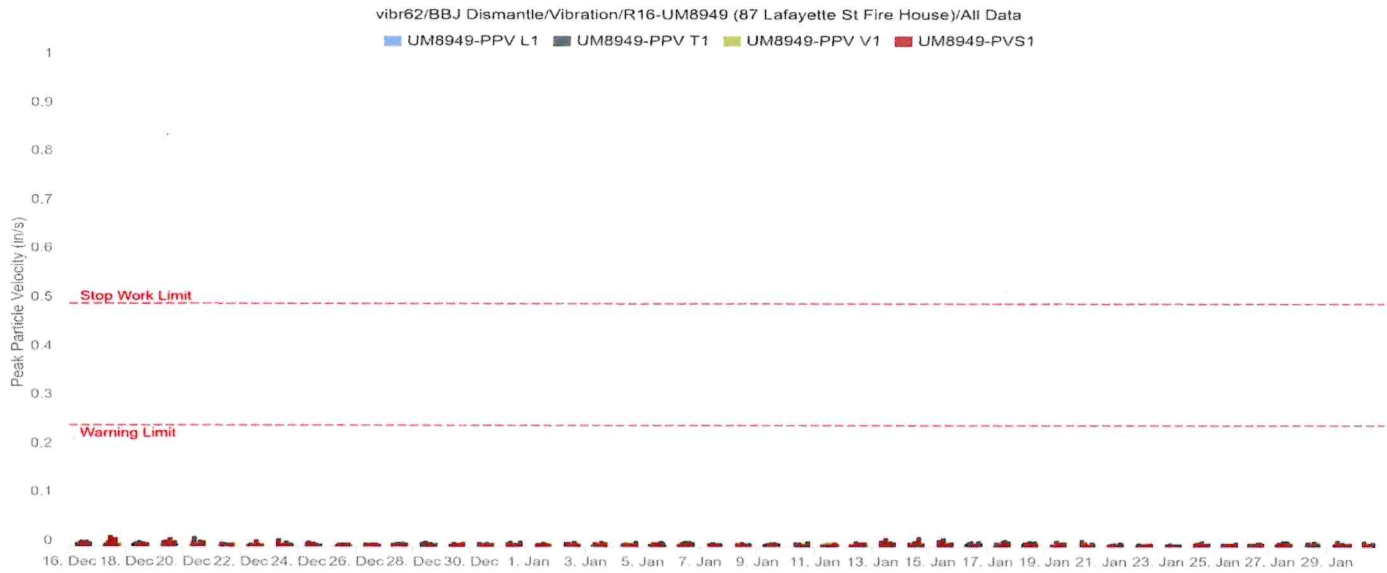
Vibration Monitor R15 - 12/16/24 to 1/31/25

Cc:	Lawra Dodge, Megan DeMatteo, Tim Novy	By:	Brian Ehalt
			Excel Environmental Resources, Inc.

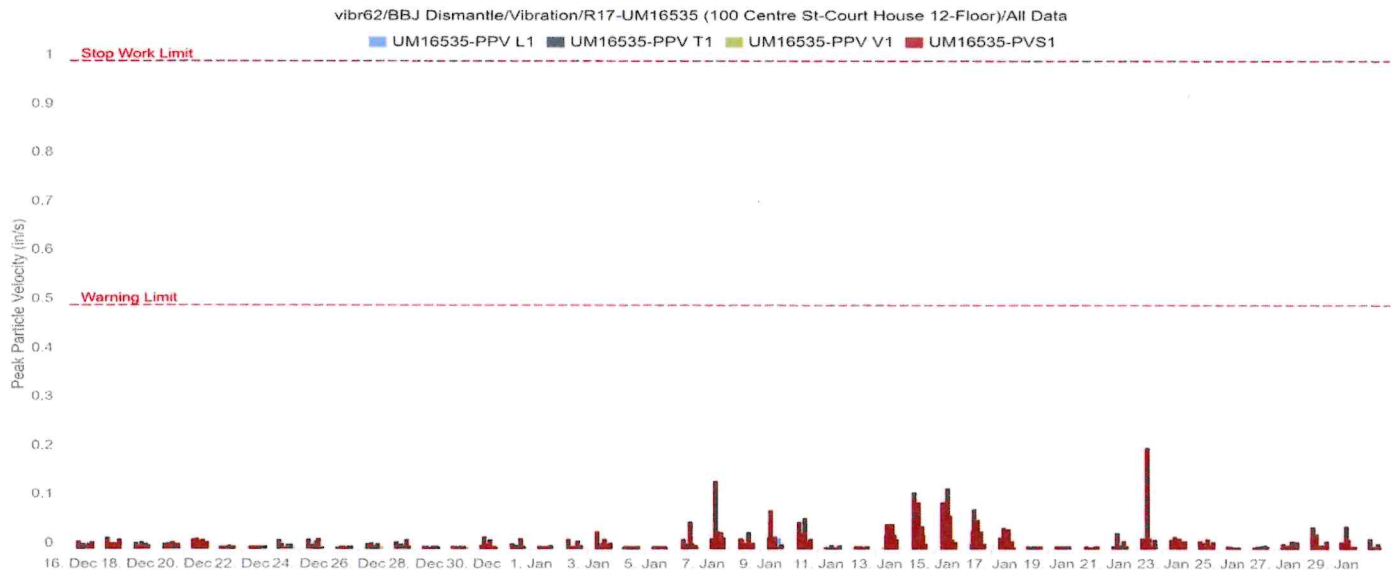
EXCEL Environmental Resources, Inc.

WEEKLY INDEPENDENT COMMUNITY DATA SUMMARY REPORT No. 3

3. Community Vibration Monitoring Weekly Data Summary - 12/16/24 to 1/31/25



Vibration Monitor R16 - 12/16/24 to 1/31/25



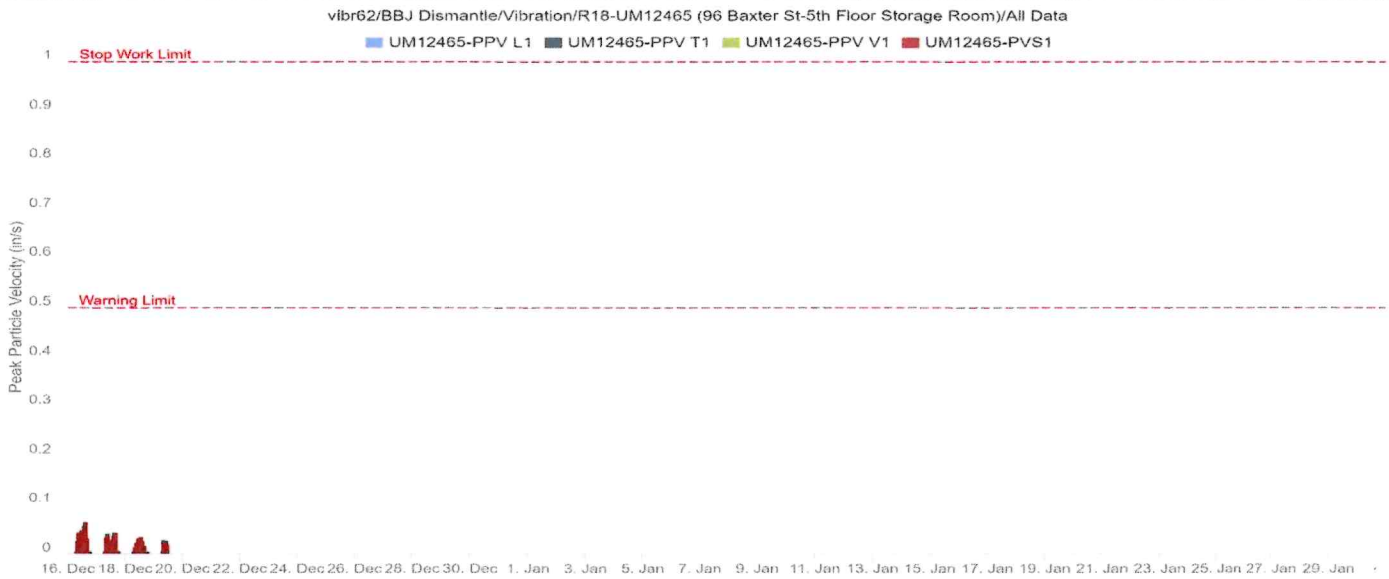
Vibration Monitor R17 - 12/16/24 to 1/31/25

Cc:	Lawra Dodge, Megan DeMatteo, Tim Novy	By:	Brian Ehalt
			Excel Environmental Resources, Inc.

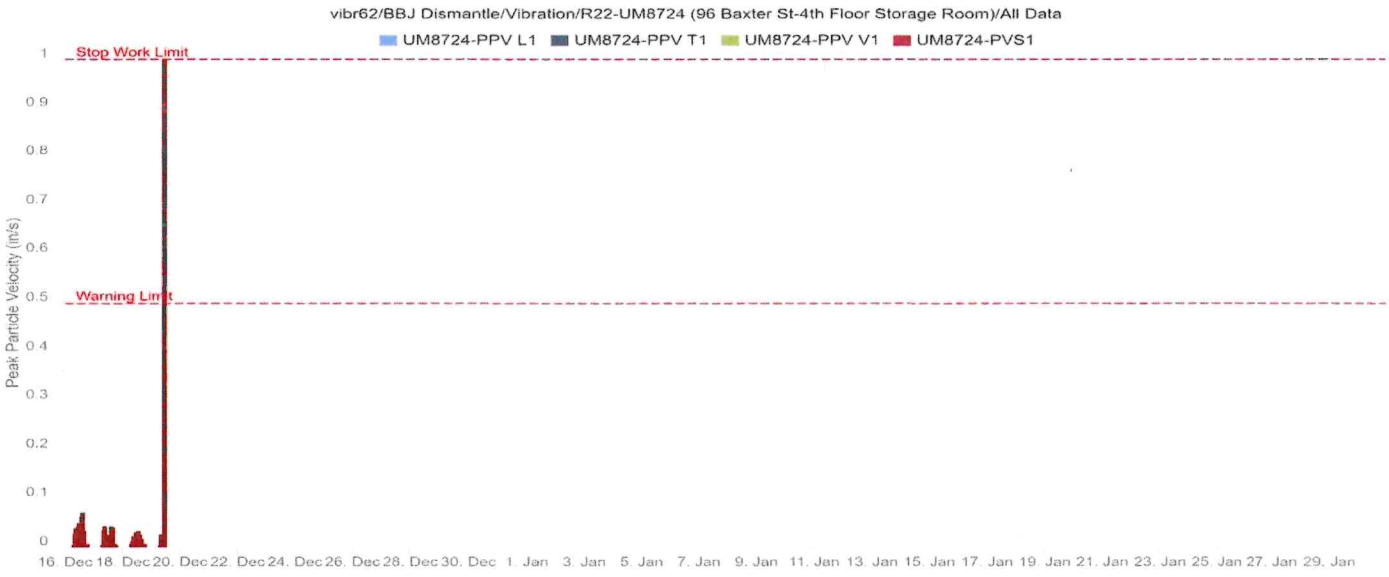
EXCEL Environmental Resources, Inc.

WEEKLY INDEPENDENT COMMUNITY DATA SUMMARY REPORT No. 3

3. Community Vibration Monitoring Weekly Data Summary - 12/16/24 to 1/31/25



Vibration Monitor R18 - 12/16/24 to 1/31/25



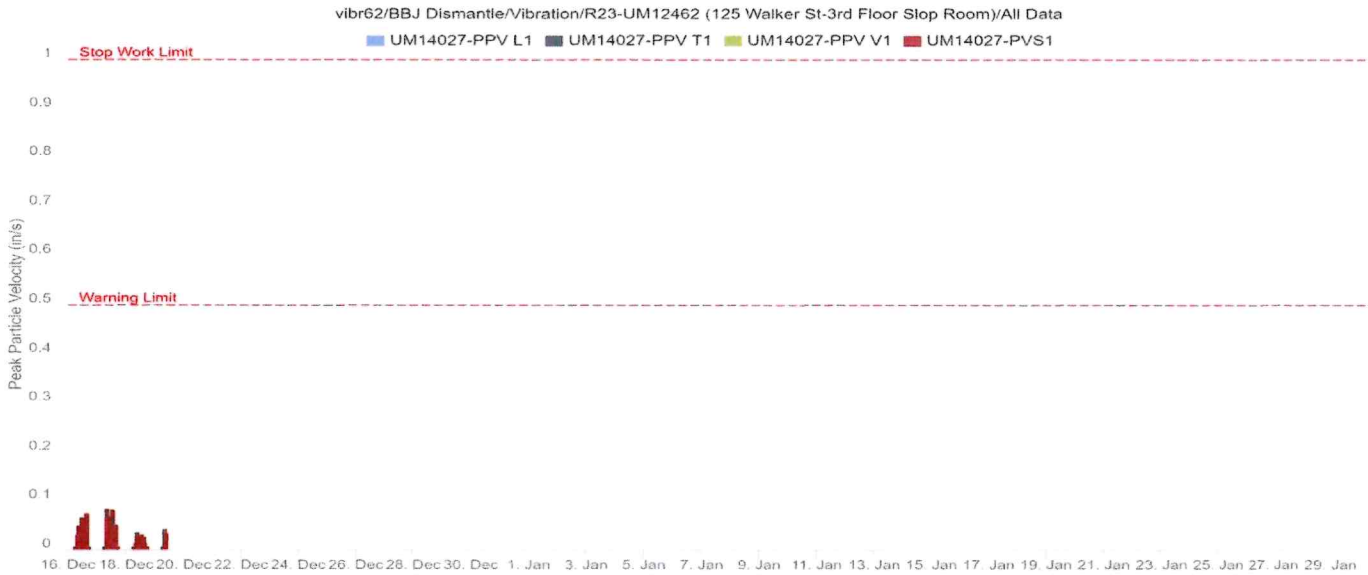
Vibration Monitor R22 - 12/16/24 to 1/31/25

Cc:	Lawra Dodge, Megan DeMatteo, Tim Novy	By:	Brian Ehalt **Excel Environmental Resources, Inc.**

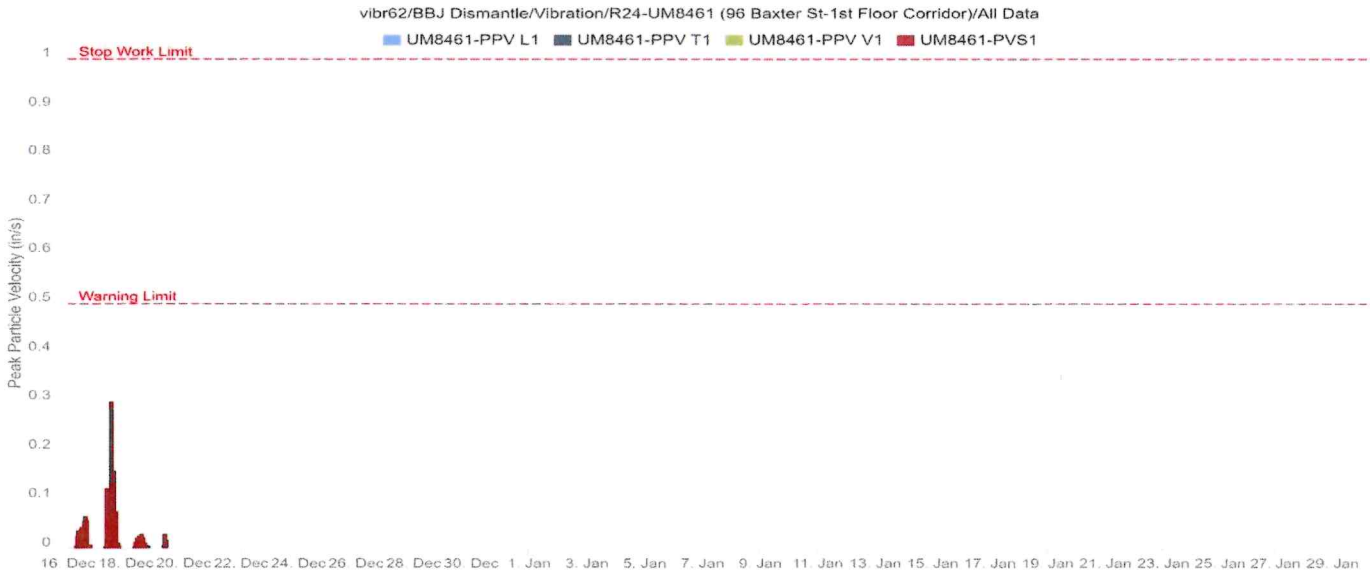
EXCEL Environmental Resources, Inc.

WEEKLY INDEPENDENT COMMUNITY DATA SUMMARY REPORT No. 3

3. Community Vibration Monitoring Weekly Data Summary - 12/16/24 to 1/31/25



Vibration Monitor R23 - 12/16/24 to 1/31/25



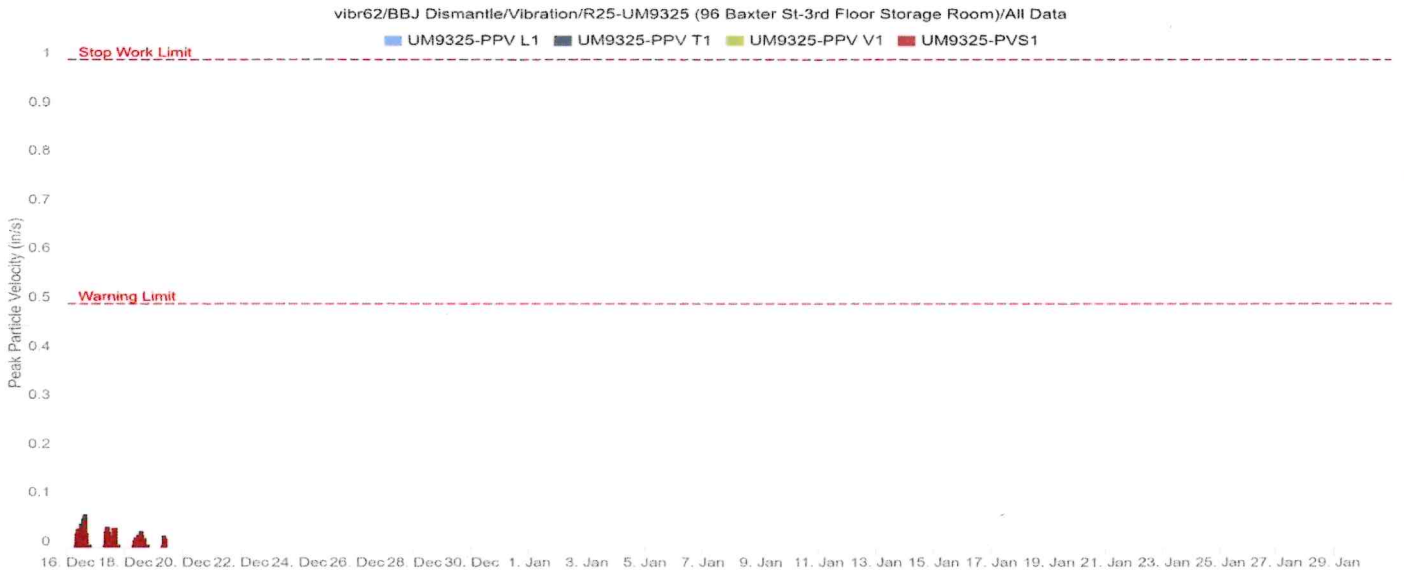
Vibration Monitor R24 - 12/16/24 to 1/31/25

Cc:	Lawra Dodge, Megan DeMatteo, Tim Novy	By:	Brian Ehalt
			Excel Environmental Resources, Inc.

EXCEL Environmental Resources, Inc.

WEEKLY INDEPENDENT COMMUNITY DATA SUMMARY REPORT No. 3

3. Community Vibration Monitoring Weekly Data Summary - 12/16/24 to 1/31/25



Vibration Monitor R25 - 12/16/24 to 1/31/25

Cc:	Lawra Dodge, Megan DeMatteo, Tim Novy	By:	Brian Ehalt **Excel Environmental Resources, Inc.**

EXCEL Environmental Resources, Inc.

WEEKLY INDEPENDENT COMMUNITY DATA SUMMARY REPORT No. 3

4. Photographic Summary: Photo 1: Site entrance showing no dust/particulate tracking, 1-28-25.

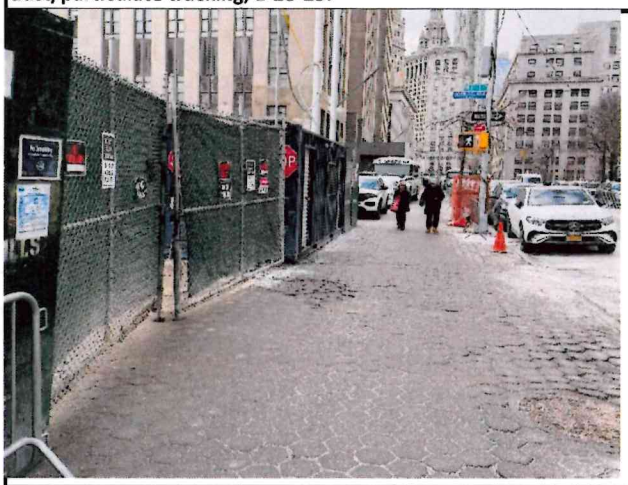


Photo 2: Site entrance showing no dust/particulate tracking, 1-28-25.

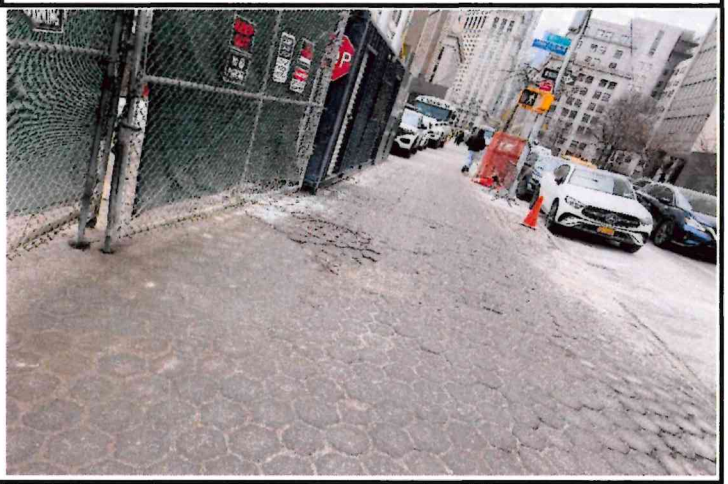


Photo 3: View of courthhouse showing 3rd & 12th Floor Infills, 1-28-25.

Photo 4: View of southeast corner of courthouse showing remaining concrete structure to be dismantled, 1-28-25.

Cc:	Brian Ehalt, Megan DeMatteo, Tim Novy	By:	Lawra Dodge **Excel Environmental Resources, Inc.**

Photo 5: View of southeast corner of courthouse showing filled South Tower basement area, 1-28-25.

Photo 6: View of northern courthouse wall showing brickwork in progress, 1-28-25.

Photo 7: View of Chung Pak building south wall showing North Tower Gym Wall removed & flashing in progress, 1-28-25.

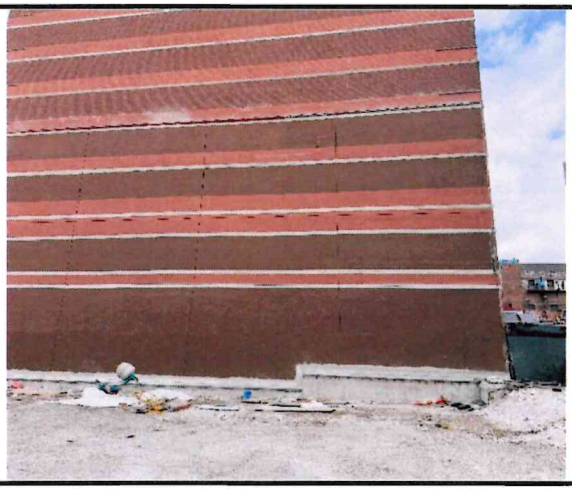


Photo 8: View of Chung Pak south wall showing North Tower Gym Wall removed and filled former basement area, 1-28-25.

Cc:	Brian Ehalt, Megan DeMatteo, Tim Novy	By:	Lawra Dodge **Excel Environmental Resources, Inc.**

EXCEL Environmental Resources, Inc.

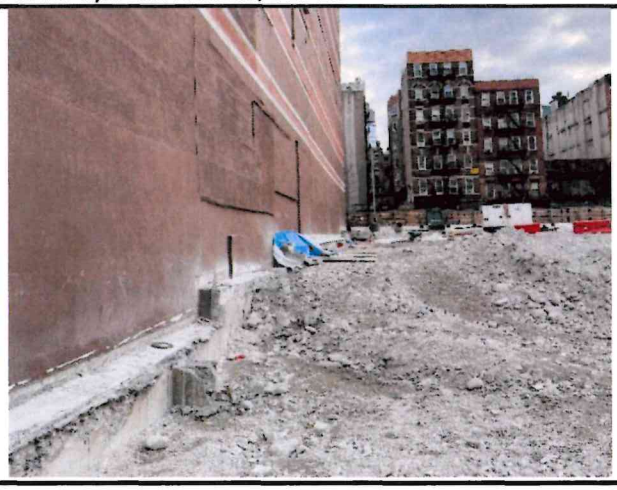
WEEKLY INDEPENDENT COMMUNITY DATA SUMMARY REPORT No. 3

Photo 9: View of site facing west showing south wall of Chung Pak building with North Tower Gym Wall removed, 1-28-25.

Photo 10: View of south wall Chung Pak building showing flashing installation, 1-28-25.

Photo 11: View of site to the north showing Chung Pak building south wall, 1-28-25.

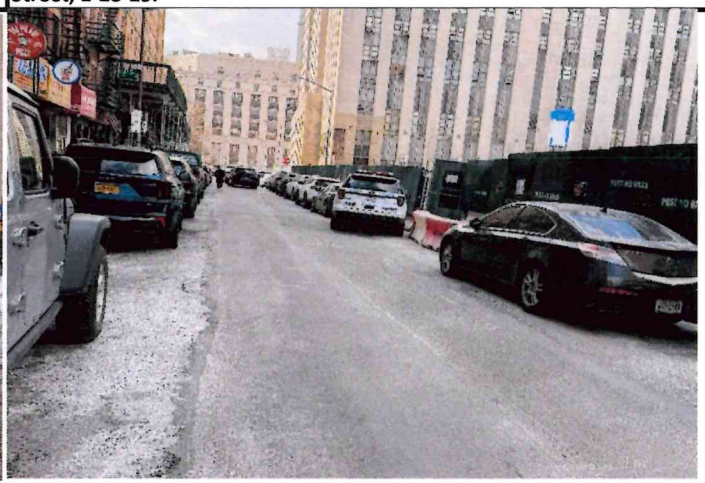
Photo 12: View of south wall of Chung Pak building facing east showing North Tower Gym Wall removed, 1-28-25.



Cc:	Brian Ehalt, Megan DeMatteo, Tim Novy	By:	Lawra Dodge **Excel Environmental Resources, Inc.**

EXCEL Environmental Resources, Inc.

WEEKLY INDEPENDENT COMMUNITY DATA SUMMARY REPORT No. 3

Photo 13: View of site facing south showing filled North Tower basement area, 1-28-25.	Photo 14: View of courthouse and site construction fence from Baxter Street, 1-28-25.
	

Cc:	Lawra Dodge, Brian Ehalt, Tim Novy	By:	Megan DeMatteo **Excel Environmental Resources, Inc.**