

**AIR, NOISE AND VIBRATION
MONTHLY MONITORING REPORT
Number 005**

Prepared By:
Gramercy
Group Inc.

DDC. Project ID:	BBJ M DSS	Period Start: 12/01/22 End 12/31/22
Project Name:	NYC Borough Based Jails System – Manhattan Dismantle and Swing Space	
DDC Pin No.:	8502021CR0004P-06P	

1) Community Air Monitoring Monthly Status Summary

TWA – Time Weighted Average
ug/m³- micrograms 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 (100 ug/m ³ 15 minute TWA)	Comments
22	31	0	Air monitoring was continued throughout everyday of the month even on weekends when no work was being performed. No exceedances were noted.

Community Air Monitoring Excursions and Corrective Actions

Action Concentration =100 ug/m³ 15 minute TWA above background concentration
Stop Work Concentration = 150 ug/m³ 15 minute TWA above background concentration

Date: Time	Maximum Dust Reading Before Corrective Action 15 Minute TWA (ug/m ³)	Maximum Dust Reading After Corrective Action 15 Minute TWA (ug/m ³)	Corrective Action
N/A	N/A	N/A	N/A

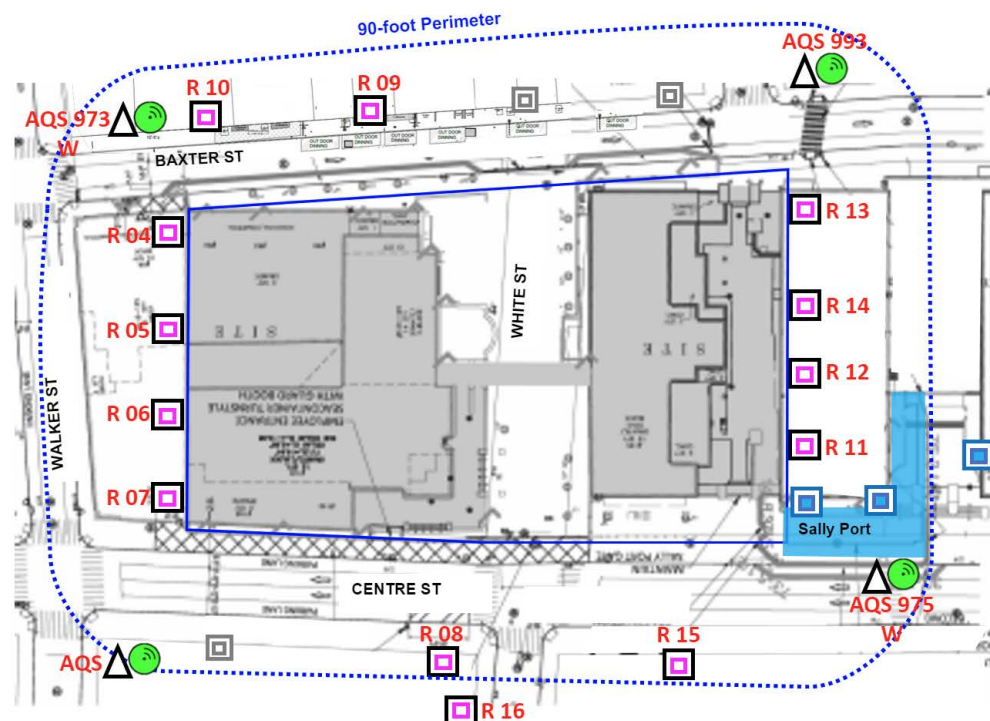
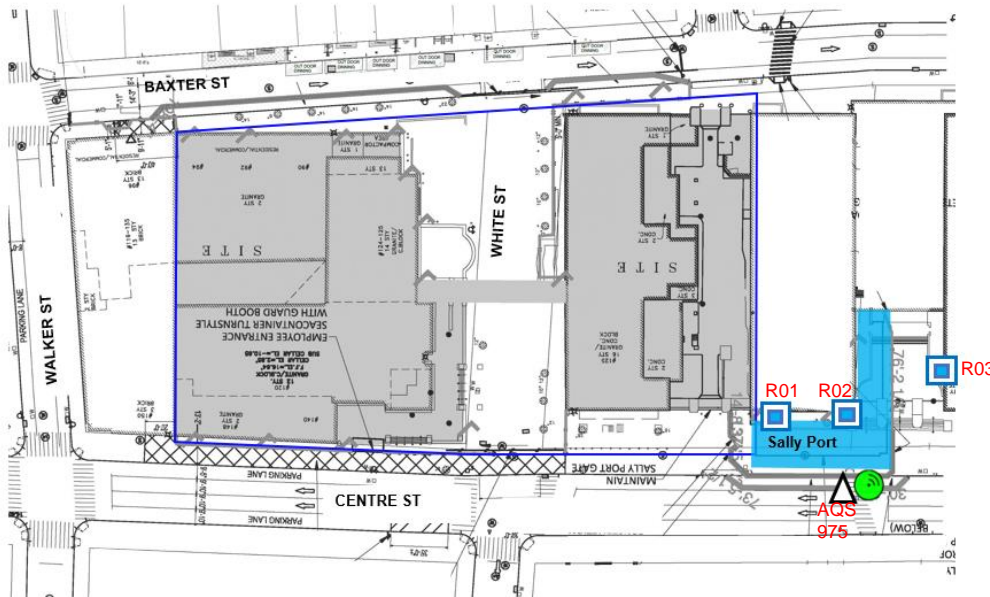
Map of Monitoring Locations:

Vibration Monitors R01, R02, & R03.

Air Quality System (AQS) # 975. Vibration Monitors R04 – R16 shown in Phase 2 map.

*Dismantle project Vibration, air and noise monitoring devices will be installed by Design-Build team in Phase 2, after Sally Port construction.

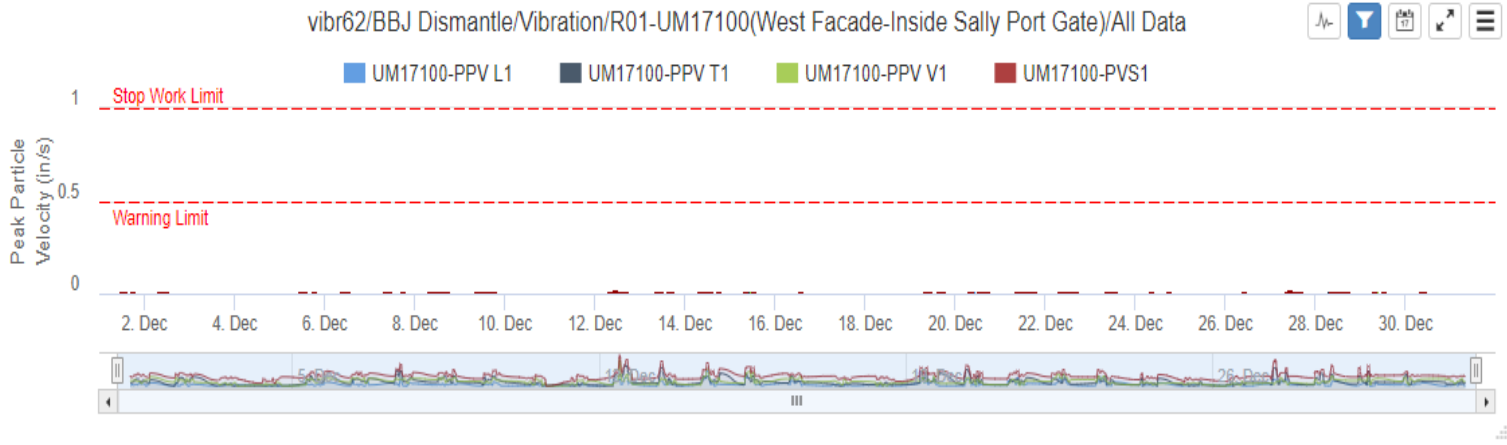
* The location of the monitoring station presented is referential. Air/Noise Monitoring station located in Sally Port area will be relocated in Phase 2.



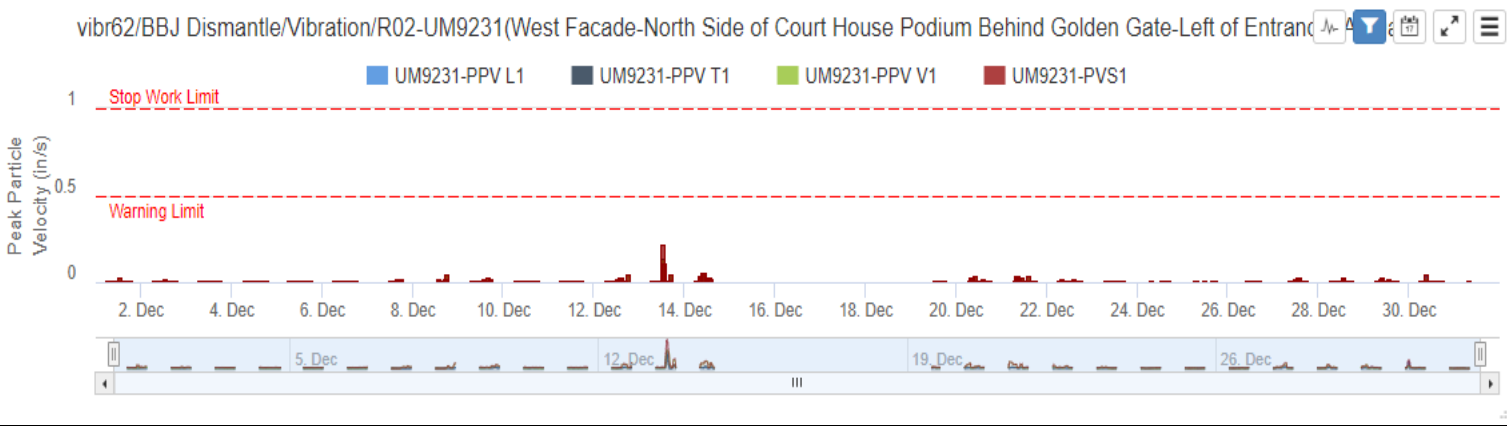
*R16 installed but is not yet uploaded to the server

*AQS 973 & 993 have been deployed and will have data for January report.

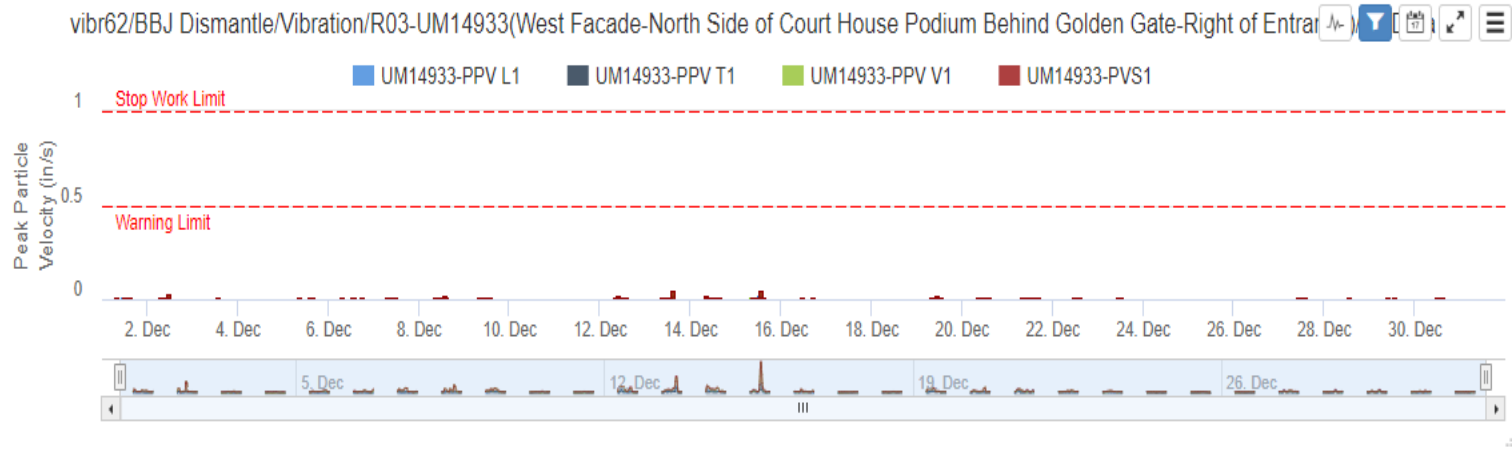
Vibration Monitor – (R01) December 22:



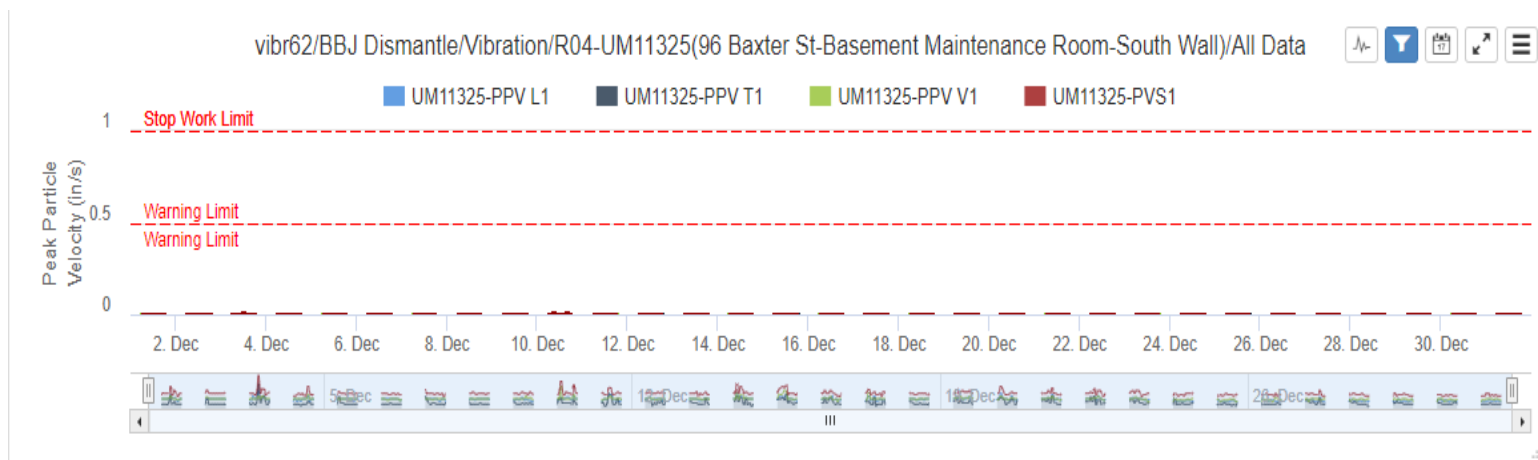
Vibration Monitor – (R02) December 22:



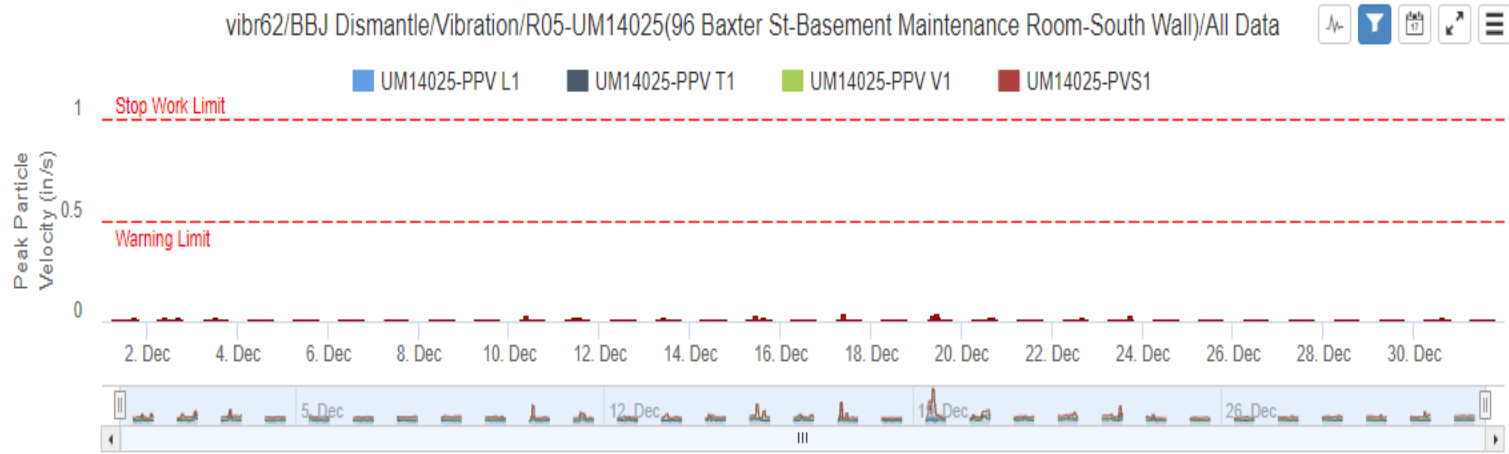
Vibration Monitor – (R03) December 22:



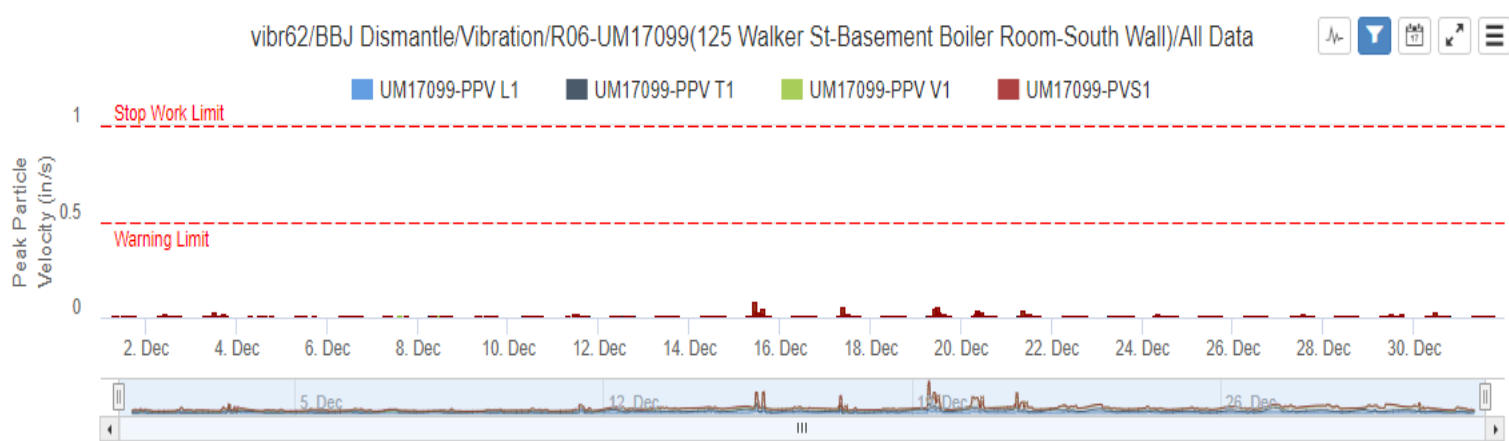
Vibration Monitor – (R04) December 22:



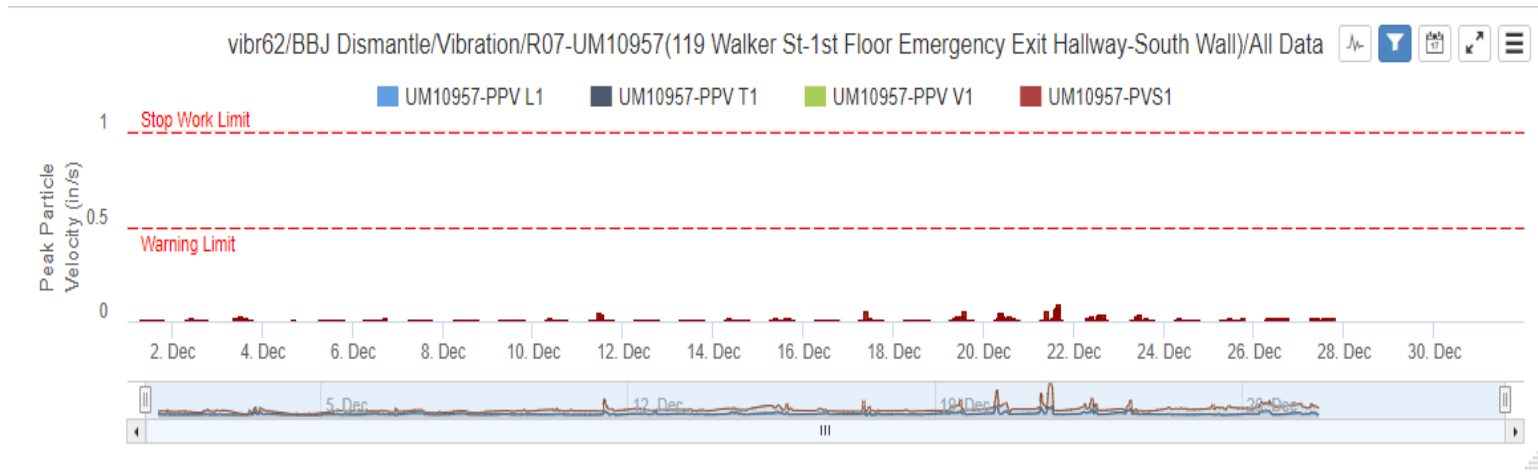
Vibration Monitor – (R05) December 22:



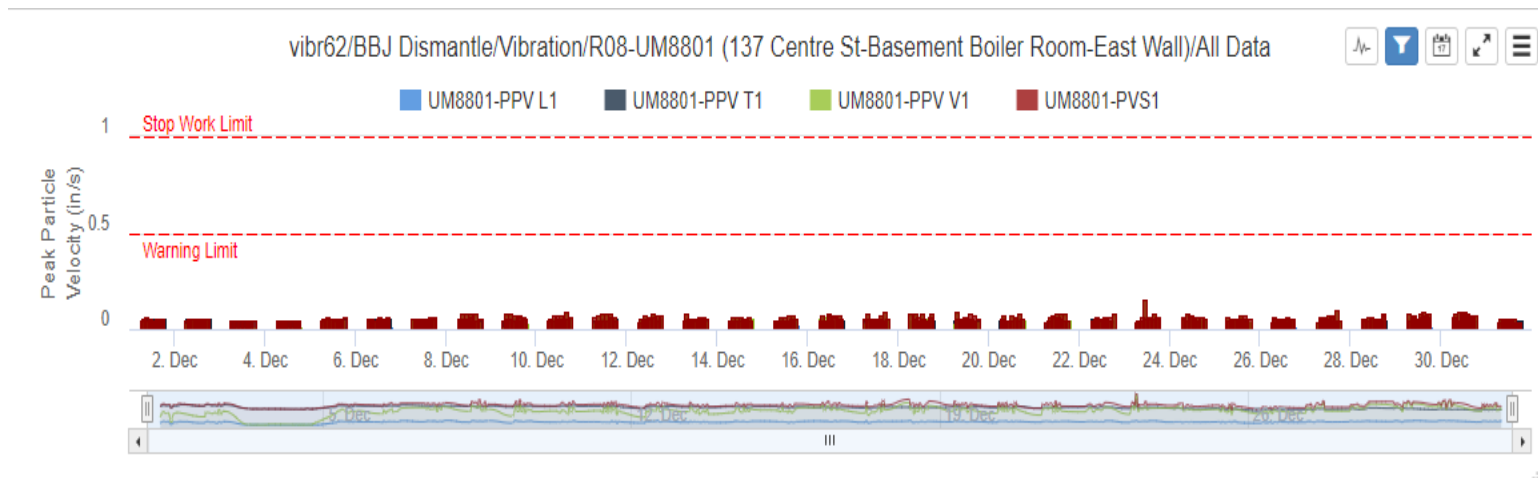
Vibration Monitor – (R06) December 22:



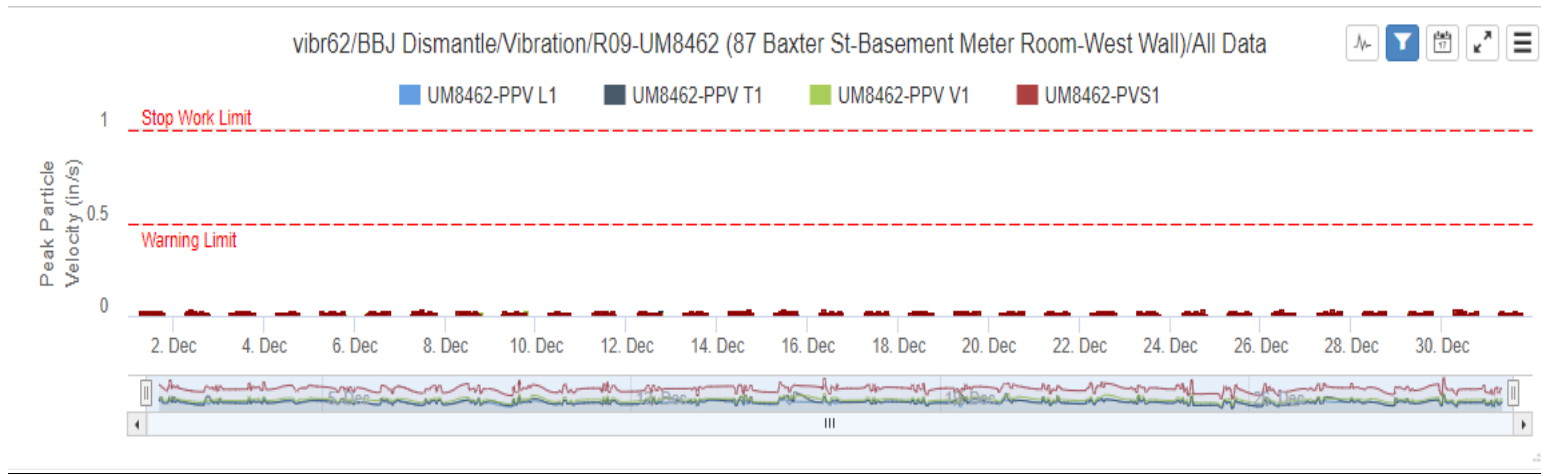
Vibration Monitor – (R07) December 22:



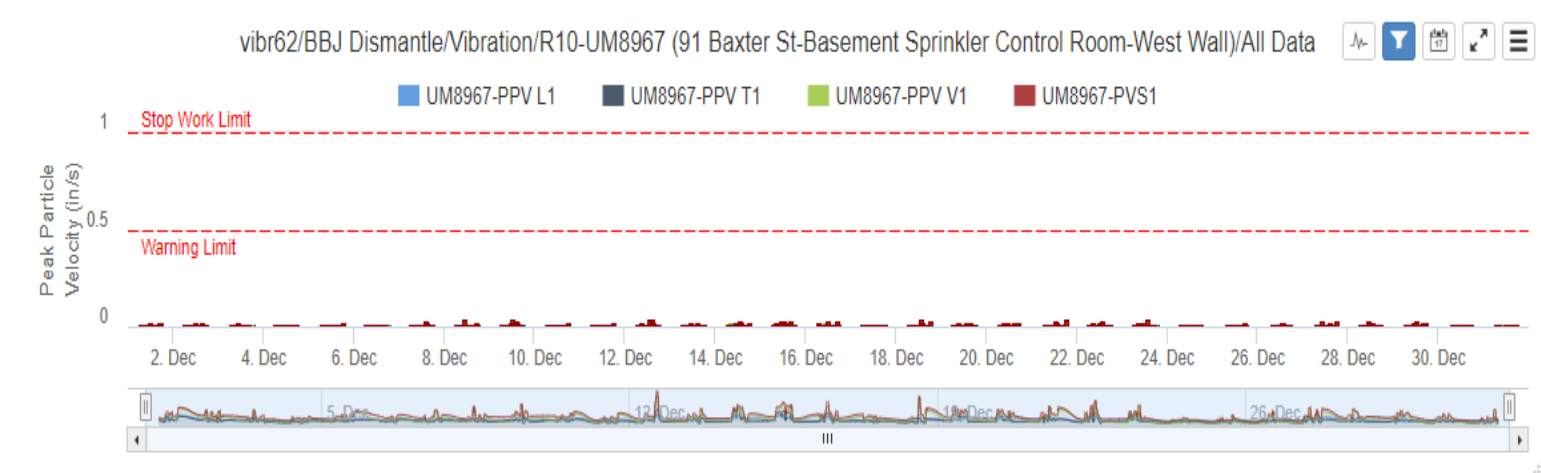
Vibration Monitor – (R08) December 22:



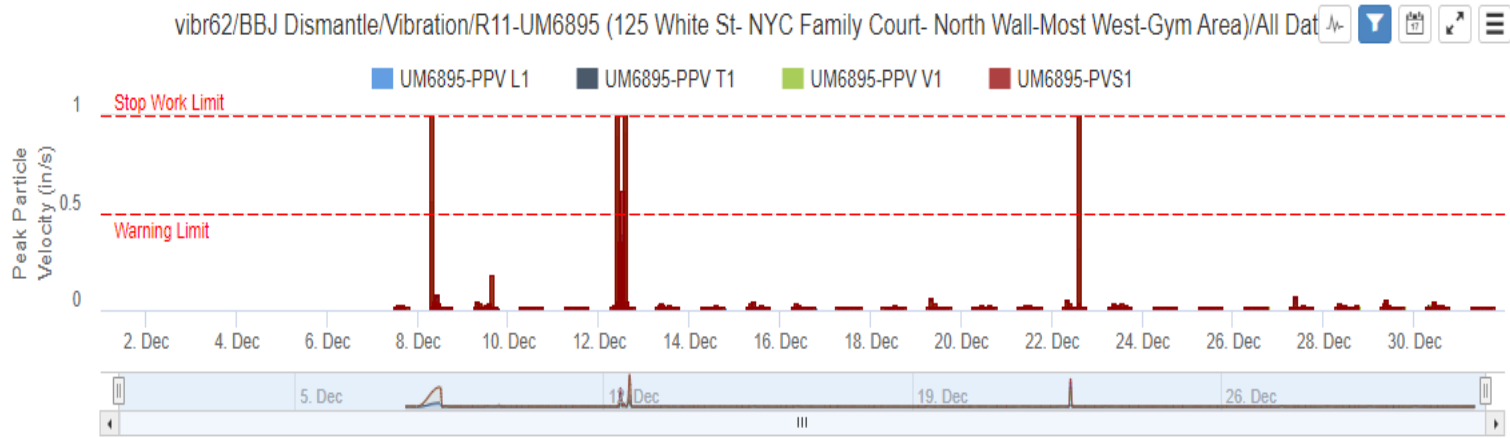
Vibration Monitor – (R09) December 22:



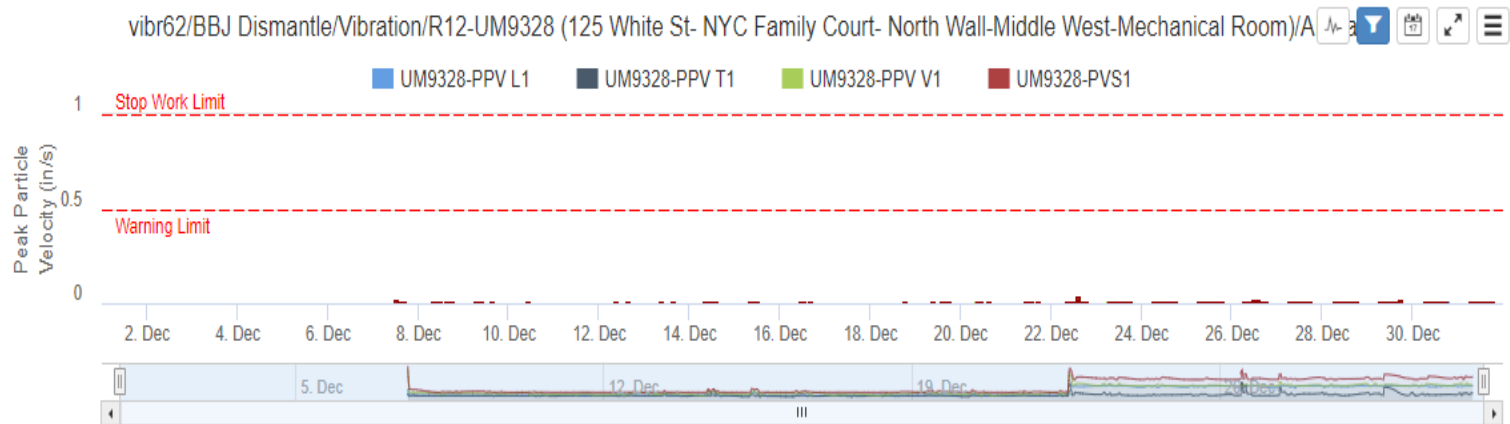
Vibration Monitor – (R10) December 22:



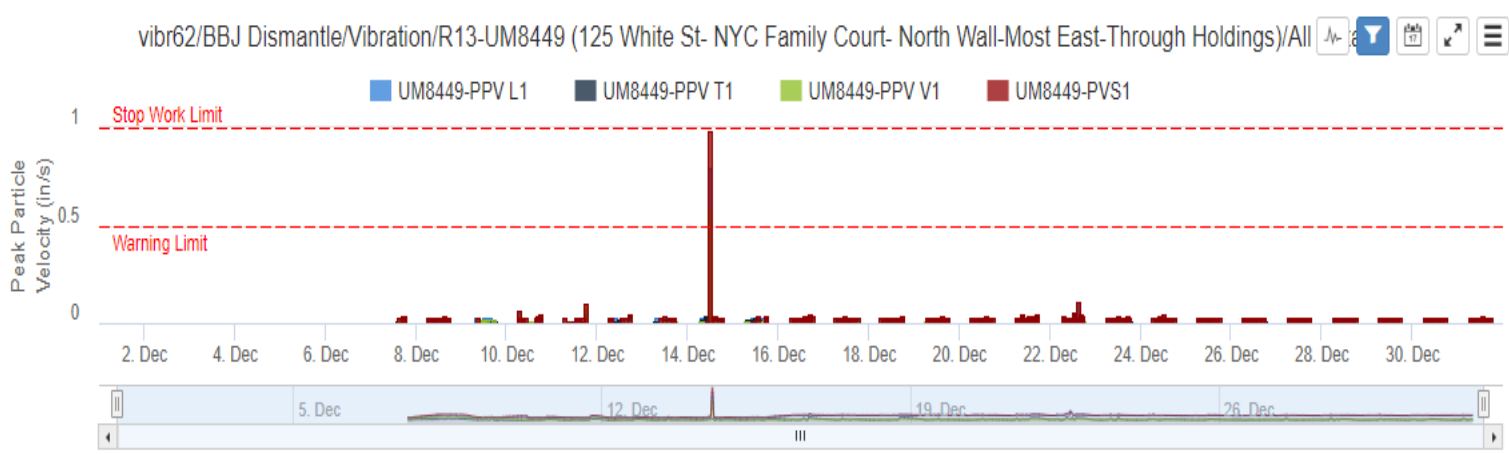
Vibration Monitor – (R11) December 22:



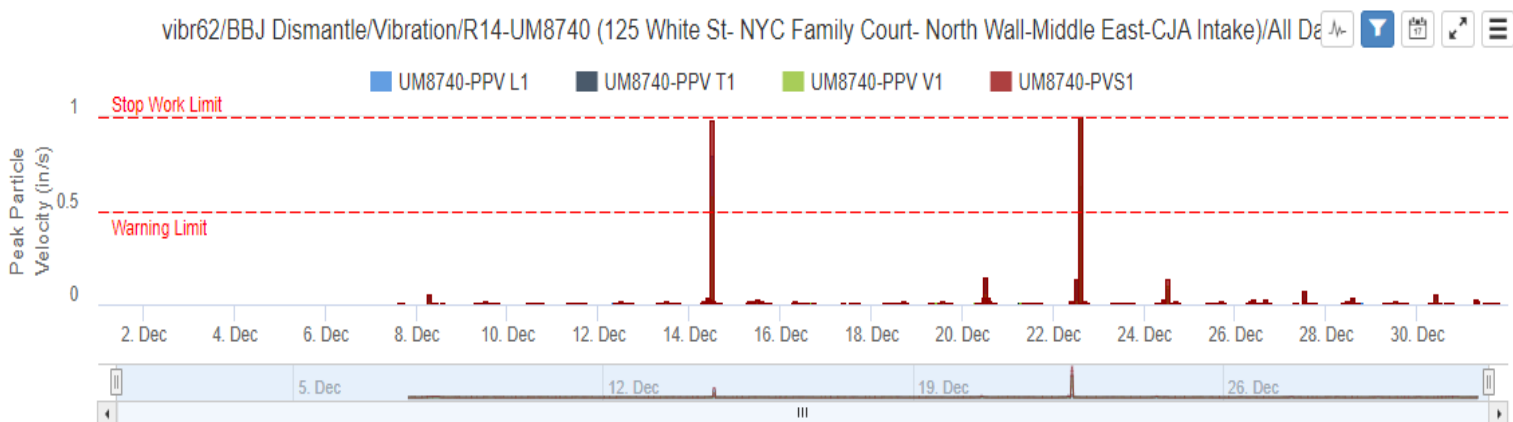
Vibration Monitor – (R12) December 22:



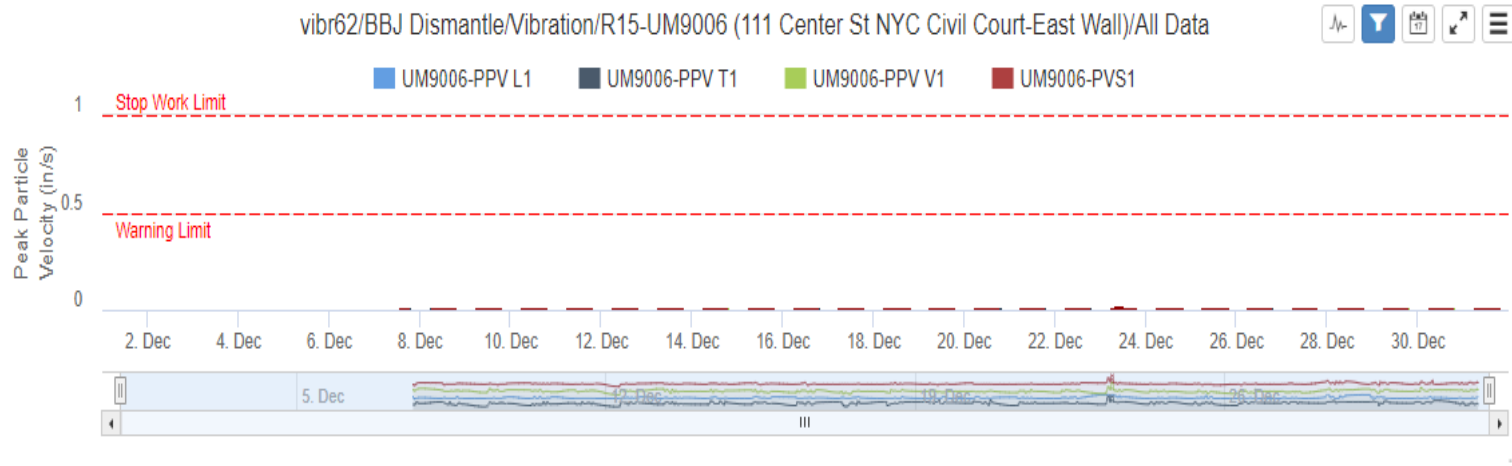
Vibration Monitor – (R13) December 22:



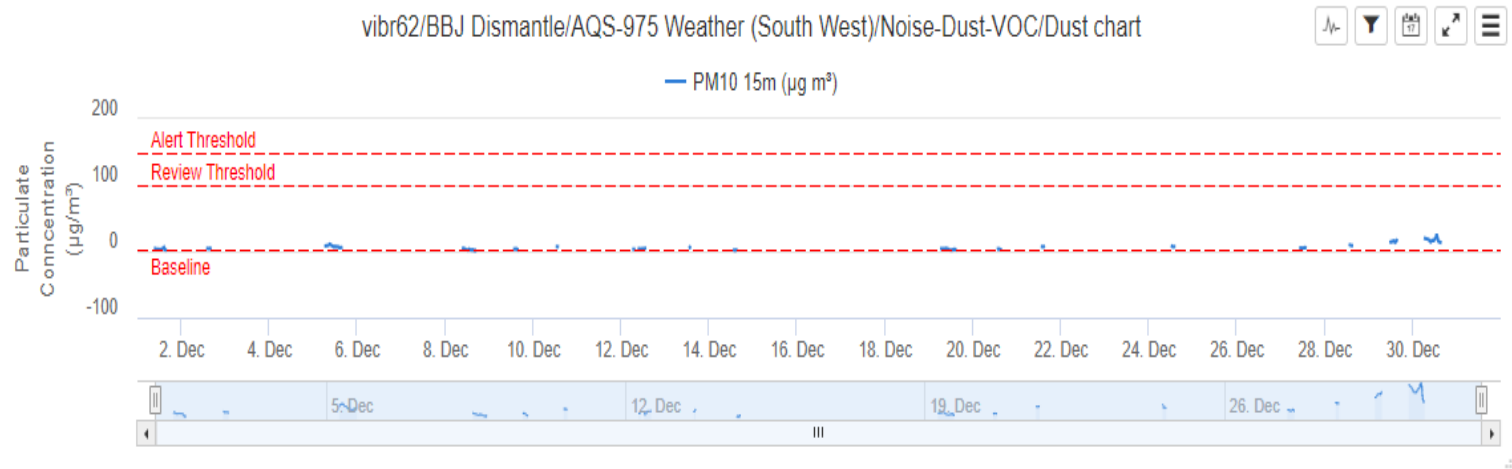
Vibration Monitor – (R14) December 22:



Vibration Monitor – (R15) December 22:



Air Quality Systems #975 – Dust Monitoring Station – December 22:



Air Quality Systems #975 – Noise Monitoring Station – December 22:

